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

2019-20

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

Date

### **Notice**

All faculty/staff/students are hereby informed that college is going to organize an international conference on "Advance In Engineering And Technology (ICAET-20)" under the aegis of iqac on 20<sup>TH</sup> - 21<sup>ST</sup> March 2020 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



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 Website: www.rdec.in

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

Report on Conference

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

(ICAET-20)"

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. Anil kumar (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:

- 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 theis program will provide you a great learning experience.

Thanks

Dr. Dharamveer Singh

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 Website: www.rdec.in

Subject: Invitation: Keynote Lecture at International Conference at RD Engineering College, Ghaziabad, India, March 20<sup>th</sup>-21<sup>st</sup>, 2020

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 And Technology (ICAET-20)" from March 20<sup>th</sup>-21<sup>st</sup>, 2020 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

\_\_\_\_)







# Invitation For International Conference as a keynote Speaker 3 messages

Pankaj Singh < p.mnavy@gmail.com >

To: preetichughdu@gmail.co

Mon, 16 March 2020 at 10:30 AM

Dear Respected Mam!

With all my due respect, I would like to invite you to the International Conference as a Keynote speaker. We are really inspired by you; you have been a great example for our society. You have vast knowledge in your field. I want you to deliver an inspirational message to our faculties and Students, and give them what you have given to all of us, and the country really needs people like you. Looking forward to your arrival. Other Conference details and Brochure, attached for your Kind Perusal.

Thanks and Regards, respected Sir!.

From:

Prof.(Dr.)Pankaj kr. Singh (M.Tech., MBA, PhD.) Director- Research R D Engineering college

Mail me: p.mnavy@gmail.com Call me: 9555431606/8588899725







# Invitation For International Conference as a keynote Speaker 2 messages

Pankaj Singh <p.mnavy@gmail.com>
To; Ravi Shankar Singh <<u>raviibt@gmail.com</u>>

Mon, 16 March 2020 at 10:31 AM

Dear Respected Sir!

With all my due respect, I would like to invite you to the International Conference as a Keynote Lecture. We are really inspired by you; you have been a great example for our society. You have vast knowledge in your field. I want you to deliver an inspirational message to our faculties and Students, and give them what you have given to all of us, and the country really needs people & organizations like you. Looking forward to your arrival. Other Conference details and Brochure, attached for your Kind Perusal.

Thanks and Regards, respected Sir!.

From:

Prof.(Dr.)Pankaj kr. Singh (M.Tech., MBA, PhD.) Director- Research R D Engineering college Mail me: p.mnavy@gmail.com Call me: 9555431606/8588899725 R&D College



# My Personal experience on attending the coference held by r d engineering college 1 messages

Tue, 24 March 2020 at 9:20 AM

**Keerthana natarajan kumar** <keerthananatarajan.kumar.nov2021@gmail.com>
To: "p.mnavy@gmail.com" <p.mnavy@gmail.com>: "research@rdec.in" <research@rdec.in>

Respected sir Good evening,

I am Dr. Keerthana Natarajan Kumar M.D., I recently attended the conference held by R D engineering college through online where I gave my presentation **THE USE OF MACHINE LEARNING AND ARTIFICIAL INTELLIGENCE TO PREDICT AND PREVENT MENTAL HEALTH DISORDERS.** I graduated recently on 2019, and have an ample amount of medical knowledge. Even though, I don't know much about artificial intelligence, I was interested to learn about it. And on the right time **Dr.Pankaj Singh** gave me a very nice opportunity to participate and bring out my interest in this field and also helped me in making a sensible topic choice. I was glad to be a part of that conference and gained a lot of knowledge from the speaker's presentations.

Like Shruti Singh who shared a valuable information about diabetes and its complications, and learnt the experience of the First lady of survey of India who reached Antarctica and so on.

Sincere gratitude to Dr. Pankaj Singh and the Officials of R D engineering college for this wonderful opportunity.



### Fwd: Gratitude and Appreciation

1 messages

Arnaldo De Guzman <arnaldo.deguzman@perpetualdalta.edu.ph>. Wed, 25 March 2020 at 9:23 AM To: p.mnavy@gmail.com <p.mnavy@gmail.com> Co: research@rdec.in <research@rdec.in>

Dear Dr. Pankaj,

I wish to extend my heartfelt appreciation and gratitude for your kind invitation to present at the **Advance In Engineering And Technology (ICAET-20)** Conference. The opportunity to be able to present internationally was indeed an experience I would treasure. I look forward to more collaborations and partnerships with your College.

With the highest regard for you, I remain

A helper of God,

Arnaldo S. De Guzman, STh.D. School Director University of Perpetual Help System DALTA - Las Pinas Alabang-Zapote Road, Pamplona 3, Las Pinas City, 1740 Philippines

The contents of this email and any attachments may be confidential and are intended solely for the use of the named recipient(s). While every effort has been taken to ensure this email is virus free, **University of Perpetual Help System DALTA** cannot accept any responsibility for loss or damage arising from the use of this email or attachment. If you have received this email in error, you should not disseminate, distribute, print or copy this email, and please notify the sender immediately and delete this email from your system.

The email service of the University is not to be used for the creation or distribution of any offensive, or disruptive messages, including messages containing offensive comments about race, gender, age, sexual orientation, pornography, religious or political beliefs, national origin or disability. Unlawful messages are prohibited. Anyone who receive an emails with this content should report the matter to central.it@perpetualdalta.edu.ph immediately.

### **PROCEEDINGS OF**

# INTERNATIONAL CONFERENCE ON

ADVANCE IN ENGINEERING AND TECHNOLOGY (ICAET-20)"

(UNDER THE AEGIS OF IQAC)

# Organized by

# R D ENGINEERING COLLEGE

**Date of Event:** 

20th - 21th MARCH, 2020

# **Address**

NH-58, Duhai Ghaziabad, U.P., India-201206 www.rdec.in





# INTERNATIONAL CONFERENCE ON

# ADVANCE IN ENGINEERING AND TECHNOLOGY (ICAET-20)"

# INAUGURAL SESSION SCHEDULE (20th March, 2020)

TIMING	VENUE	ACTIVITY
10:00-10:05AM	1	Welcome of Dignitaries & Lightening of Lamp
10:05-10:15AM		Introduction of RTCSEM-23 by Dr. Dharamveer Singh (Program Convener & In – Charge Research and Development)
10:15-10:20AM		Institute (RDEC) Video
10:20-10:25AM		Welcome Address by Honorable Chairperson, RDEC, Ghaziabad
10:25-10:30AM		Address by Honorable Advisor, RDEC, Ghaziabad
10:30-10:45AM	B-BLOCK	Address by Guest of Honour S N Singh (IFS - Retd. Chief Conservator of Forest, Department of forest & Climate Change, U.P.) (Online)
10:45-11:00AM	Conference Hall	Invited Talk by Dr. Arnaldo DE Guzman,—University Director, UPHSD Philippines (Online)
11:00-11:05AM	Hall	Release of Conference Proceeding
11:05-11:25AM		Address by Chief Guest Dr. Kumar Krishen, (Former Principal Chief Technologist Johnson Space Centre, NASA, USA) (Online)
11:25-11:30AM		Vote of Thanks by Dr. Pankaj Singh (Chief Coordinator)
11:30-11:35AM		National Anthem
11:35-11:50AM		High Tea
11:50 –12:15PM		Keynote lecture by Dr Ravi Shankar Singh, Scientist, University of Utah, USA (Online)
12:15-12:40PM	B-BLOCK	Keynote lecture by Dr Sarabjeet Kaur, Associate Professor, Guru Nanak College of Education, Dalewal, Punjab (Online)
12:40-1:05PM	Conference Hall	Keynote lecture by Dhanpal Singh, Senior Engineer Service Delivery department, <b>QATAR</b> (Online)
1:05- 1:30 PM		Keynote lecture by Saurabh Arya, - MD (Operation & Finance)Vision Smart Home, Australia (Online)
1:30-2:30PM	A -30	Lunch
2:30-2:55PM		Invited Talk by Sanjay Singh – Senior Program Manager – Nestle India
2:55- 3:20PM		Invited Talk by Dr. Hemant Singh – Senior Delivery Manager, <b>IBM</b> (Online)
3:20- 3:45PM	B-BLOCK	Invited Talk by Dr. Udeep Chawla, PhD University of Arizona, USA
3:45- 4:10PM	Conference Hall	Invited Talk by Payal Arya – Surveyor Geodetic & Research Branch, Survey of India (Online)
4:10- 4:35 PM		Tea
4:35- 5:00 PM		Cultural Performance
5:00- 5:15 PM		Concluding Remarks

Joining click this link: https://meet.google.com/xin-gomo-irg

Dr. Dharamveer Singh (Convener- ICRTET-19)

# INTERNATIONAL CONFERENCE ON

# ADVANCE IN ENGINEERING AND TECHNOLOGY (ICAET-20)"

# INAUGURAL SESSION SCHEDULE (21th March, 2020)

TIMING	VENUE	ACTIVITY
10:00-10:05AM		Welcome of Dignitaries & Lightening of Lamp
10:05-10:15AM		Introduction of RTCSEM-23 by Dr. Dharamveer Singh (Program Convener & In – Charge Research and Development)
10:15-10:20AM		Institute (RDEC) Video
10:20-10:25AM		Welcome Address by Honorable Chairperson, RDEC, Ghaziabad
10:25-10:30AM		Address by Honorable Advisor, RDEC, Ghaziabad
10:30-10:45AM	B-BLOCK	Address by Guest of Honour S N Singh (IFS - Retd. Chief Conservator of Forest, Department of forest & Climate Change, U.P.) (Online)
10:45-11:00AM	Conference	Invited Talk by Dr. Arnaldo DE Guzman,—University Director, UPHSD, Philippines (Online)
11:00-11:05AM	Hall	Release of Conference Proceeding
11:05-11:25AM		Address by Chief Guest Dr. Kumar Krishen, (Former Principal Chief Technologist Johnson Space Centre, NASA, USA) (Online)
11:25-11:30AM		Vote of Thanks by Dr. Pankaj Singh (Chief Coordinator)
11:30-11:35AM		National Anthem
11:35-11:50AM		High Tea
11:50 –12:15PM		Keynote lecture by Dr Ravi Shankar Singh, Scientist, University of Utah, USA (Online)
12:15-12:40PM	B-BLOCK	Keynote lecture by Dr Sarabjeet Kaur, Associate Professor, Guru Nanak College of Education, Dalewal, Punjab (Online)
12:40-1:05PM	Conference Hall	Keynote lecture by Dhanpal Singh, Senior Engineer Service Delivery department, QATAR (Online)
1:05-1:30 PM		Keynote lecture by Saurabh Arya, - MD (Operation & Finance)Vision Smart Home, Australia (Online)
1:30-2:30PM	A -30	Lunch
2:30-2:55PM		Invited Talk by Sanjay Singh – Senior Program Manager – Nestle India
2:55-3:20PM		Invited Talk by Dr. Hemant Singh – Senior Delivery Manager, <b>IBM</b> (Online)
3:20- 3:45PM	B-BLOCK	Invited Talk by Dr. Udeep Chawla, PhD University of Arizona, USA
3:45- 4:10PM	Conference Hall	Invited Talk by Payal Arya – Surveyor Geodetic & Research Branch, Survey of India (Online)
4:10- 4:35 PM	1	Tea
4:35- 5:00 PM		Cultural Performance
5:00- 5:15 PM		Concluding Remarks

Joining click this link: https://meet.google.com/xin-gomo-irg

Dr. Dharamveer Singh (Convener- ICRTET-19)



# R D Engineering College, Ghaziabad Under the Aegis of IQAC Organizing



### **International Conference on**

# Advance In Engineering And Technology (ICAET-20)

Venue - Conference Hall, R D Engineering College, Ghaziabad Website : www.rdec.in, E-Mail : info@rdec.in Date - 20<sup>th</sup> & 21<sup>th</sup> March 2020



CHIEF GUEST

Forms: Principal Cities Technologist Johnson Space Centre IASA, USA For



CHIEF PATRON

Sed. Niches Sharmes

Noarbis Bhalinger sed

a D Engineering College

Former Principal Chief Commissioner
gi tecome 123



CHIEF PATRON

By. Raskesh Sharena
Hon'bit President
R B Engineering College



PATRON
Wiss Gdr K K Siscari (Retd.)
Address



PATRON

Ms. Shausaut Sharma
Vice Freddest
RD Engineering Callege



PATRON

St. Sanjeev Unarma

Birector

R D Engineering College



CHIEF COORDINATOR
De Pankaj Kumer Eingh
Director - Research



CONVERER

Dr. Obaranveer Singli

Head Research & Tevelopiner
R D Engineering College

### KEY NOTE SPEAKERS



Dr. Anil Kumar Prof. of Mech Engg. DTU-DELHI



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



Dr. K K S Bhatla Professor - IIT Roorkee Former - VC Poornima Iniversity, Jalpur



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





# R. D. Engineering College, Ghaziabad

# ADVANCE IN ENGINEERING AND TECHNOLOGY (ICAET-20)

Date of conference : 20<sup>TH</sup> & 21<sup>TH</sup> March 2020

Sr. no.	Name of Participants	Signature
1.	Sugary Kumar Kauslik	
2.	Swart Tyagi	Says
3.	Riya Chandraly	Should John
4.	Bllarat	1
5.	Mislim Tyagi	Man I
6.	Bhorat Shama	(a) when
7.	Marsi	Marine
8.	Riva Vat	100
9.	Rya Mismal	Was
10.	Neha Rothi	A. ya
11.	Tanni Pal	Nehe
12.	Animal Krishna	Janu;
13.	Himiksha Bhargoma	Annol
14.	A 1 1 1	Denkyhe
15.		Sayal
16.		- Toka
L7.	Paria kurdar	(Me an
18.	Doonam Tyagi	Joonan
19.	Unnot Gard U	Just
20.	pari draina	7
1.	Himanshu Ray	Many Coust
2.	Andre V	1 type and
3.	Janus	Jan
4.	Pappu Bliarding	fly Me
5.	1 Deepak	(Dhicen
6.	Surat	Physipse
	Aya Verma	(Alah)
7.	Aukit.	ander
8.		
9.	cering	
0.	College	

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

Ref	Date

### **Notice**

All faculty/staff/students are hereby informed that college is going to organize an international conference on "Recent Trends In Engineering And Technology" under the aegis of iqac on 20<sup>TH</sup> - 21<sup>ST</sup> December 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 Website: www.rdec.in



# D. ENGINEERING COLLE

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

ICRTET-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.Rajkumar (Chairperson & Professor, Deptt. Of Mech Engg, YMCA- Fridabad) 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. Amit Pal, 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 theis program will provide you a great learning geerin experience.

Thanks

Dr. Dharamveer Singh

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

R.D. Engineering College

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

Duhai Gr

Email: info@rdec.in

Website: www.rdec.in

Subject: Invitation: Keynote Lecture at International Conference at RD Engineering College, Ghaziabad, India, December 20<sup>th</sup>-21<sup>st</sup>, 2019

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 "Recent Trends In Engineering And Technology ICRTET-19" from December 20<sup>th</sup>-21<sup>st</sup>, 2019 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

\_\_\_\_)



### Invitation For International Conference as a keynote Speaker 3 messages

Pankaj Singh <p.mnavy@gmail.com>

To; preetichughdu@gmail.co

Mon, 2, Dec, 2019 at 10:30 AM

Dear Respected Mam!

With all my due respect, I would like to invite you to the International Conference as a Keynote speaker. We are really inspired by you; you have been a great example for our society. You have vast knowledge in your field. I want you to deliver an inspirational message to our faculties and Students, and give them what you have given to all of us, and the country really needs people like you. Looking forward to your arrival. Other Conference details and Brochure, attached for your Kind Perusal.

Thanks and Regards, respected Sir!.

From:

Prof.(Dr.)Pankaj kr. Singh (M.Tech., MBA, PhD.) Director- Research R D Engineering college Mail me: p.mnavy@gmail.com

Call me: 9555431606/8588899725





# Invitation For International Conference as a keynote Speaker <sup>2</sup> messages

Pankaj Singh <p.mnavy@gmail.com>
To; Ravi Shankar Singh <<u>raviibt@gmail.com</u>>

Mon, 2, Dec, 2019 at 10:33 AM

Dear Respected Sir!

With all my due respect, I would like to invite you to the International Conference as a Keynote Lecture. We are really inspired by you; you have been a great example for our society. You have vast knowledge in your field. I want you to deliver an inspirational message to our faculties and Students, and give them what you have given to all of us, and the country really needs people & organizations like you. Looking forward to your arrival. Other Conference details and Brochure, attached for your Kind Perusal.

Thanks and Regards, respected Sir!.

From:

Prof.(Dr.)Pankaj kr. Singh
(M.Tech., MBA, PhD.)
Director- Research
R D Engineering college
Mail me: p.mnavy@gmail.com

Mail me: <u>p.mnavy@gmail.com</u>
Call me: 9555431606/8588899725





# My Personal experience on attending the coference held by r d engineering college 1 messages

Tue, 10, Dec, 2019 at 9:55 AM

**Keerthana natarajan kumar** <keerthananatarajan.kumar.nov2021@gmail.com>
To: "p.mnavy@gmail.com" <p.mnavy@gmail.com>: "research@rdec.in" <research@rdec.in>

Respected sir Good evening,

I am Dr. Keerthana Natarajan Kumar M.D., I recently attended the conference held by R D engineering college through online where I gave my presentation **THE USE OF MAHINE LEARNING AND ARTIFICIAL INTELLIGENCE TO PREDICT AND PREVENT MENTAL HEALTH DISORDERS.** I graduated recently on 2019, and have an ample amount of medical knowledge. Even though, I don't know much about artificial intelligence, I was interested to learn about it. And on the right time **Dr.Pankaj Singh** gave me a very nice opportunity to participate and bring out my interest in this field and also helped me in making a sensible topic choice. I was glad to be a part of that conference and gained a lot of knowledge from the speaker's presentations.

Like Shruti Singh who shared a valuable information about diabetes and its complications, and learnt the experience of the First lady of survey of India who reached Antarctica and so on.

Sincere gratitude to Dr. Pankaj Singh and the Officials of R D engineering college for this wonderful opportunity.



### Fwd: Gratitude and Appreciation

1 messages

Arnaldo De Guzman <arnaldo.deguzman@perpetualdalta.edu.ph>. Thu, 12, Dec, 2019 at 10:31 AM To: p.mnavy@gmail.com <p.mnavy@gmail.com>

Cc: research@rdec.in <research@rdec.in>

Dear Dr. Pankaj,

I wish to extend my heartfelt appreciation and gratitude for your kind invitation to present at the "Recent Trends in Engineering and Technology (ICRTET-19)" Conference. The opportunity to be able to present internationally was indeed an experience I would treasure. I look forward to more collaborations and partnerships with your College.

With the highest regard for you, I remain

A helper of God,

Arnaldo S. De Guzman, STh.D.
School Director
University of Perpetual Help System DALTA - Las Pinas
Alabang-Zapote Road, Pamplona 3,
Las Pinas City, 1740 Philippines

The contents of this email and any attachments may be confidential and are intended solely for the use of the named recipient(s). While every effort has been taken to ensure this email is virus free, **University of Perpetual Help System DALTA** cannot accept any responsibility for loss or damage arising from the use of this email or attachment. If you have received this email in error, you should not disseminate, distribute, print or copy this email, and please notify the sender immediately and delete this email from your system.

The email service of the University is not to be used for the creation or distribution of any offensive, or disruptive messages, including messages containing offensive comments about race, gender, age, sexual orientation, pornography, religious or political beliefs, national origin or disability. Unlawful messages are prohibited. Anyone who receive an emails with this content should report the matter to central.it@perpetualdalta.edu.ph immediately.

### **PROCEEDINGS OF**

# INTERNATIONAL CONFERENCE ON

# "RECENTS TREND IN ENGINEERING AND TEHNOLOGY (ICRTET-19)"

(UNDER THE AEGIS OF IQAC)

### Organized by

# R D ENGINEERING COLLEGE

**Date of Event:** 

20th - 21th DECEMBER, 2019

# **Address**

NH-58, Duhai Ghaziabad, U.P., India-201206 www.rdec.in



# INTERNATIONAL CONFERENCE ON RECENTS TREND IN ENGINEERING AND TECHNOLOGY (ICRTET-19)

# INAUGURAL SESSION SCHEDULE (20th December' 2019)

TIMING	VENUE	ACTIVITY
10:00-10:05AM		Welcome of Dignitaries & Lightening of Lamp
10:05-10:15AM		Introduction of RTCSEM-23 by Dr. Dharamveer Singh (Program Convener & In – Charge Research and Development)
10:15-10:20AM		Institute (RDEC) Video
10:20-10:25AM		Welcome Address by Honorable Chairperson, RDEC, Ghaziabad
10:25-10:30AM		Address by Honorable Advisor, RDEC, Ghaziabad
10:30-10:45AM	B-BLOCK	Address by Guest of Honour S N Singh (IFS - Retd. Chief Conservator of Forest, Department of forest & Climate Change, U.P.) (Online)
10:45-11:00AM	Conference Hall	Invited Talk by Dr. Arnaldo DE Guzman,-University Director, UPHSD Philippines (Online)
11:00-11:05AM	Tian	Release of Conference Proceeding
11:05-11:25AM		Address by Chief Guest Dr. Kumar Krishen, (Former Principal Chie Technologist Johnson Space Centre, NASA, USA) (Online)
11:25-11:30AM		Vote of Thanks by Dr. Pankaj Singh (Chief Coordinator)
11:30-11:35AM		National Anthem
11:35-11:50AM		High Tea
11:50 -12:15PM		Keynote lecture by Dr Ravi Shankar Singh, Scientist, University of Utah, USA (Online)
12:15-12:40PM	B-BLOCK	Keynote lecture by Dr Sarabjeet Kaur, Associate Professor, Guru Nanak College of Education, Dalewal, Punjab (Online)
12:40-1:05PM	Conference Hall	Keynote lecture by Dhanpal Singh, Senior Engineer Service Delivery department, QATAR (Online)
1:05-1:30 PM		Keynote lecture by Saurabh Arya, - MD (Operation & Finance)Vision Smart Home, Australia (Online)
1:30-2:30PM	A -30	Lunch
2:30-2:55PM		Invited Talk by Sanjay Singh – Senior Program Manager – Nestle India
2:55- 3:20PM		Invited Talk by Dr. Hemant Singh – Senior Delivery Manager, IBM (Online)
3:20- 3:45PM	B-BLOCK	Invited Talk by Dr. Udeep Chawla, PhD University of Arizona, USA
3:45- 4:10PM	Conference Hall	Invited Talk by Payal Arya – Surveyor Geodetic & Research Branch Survey of India (Online)
4:10- 4:35 PM		Tea
4:35- 5:00 PM		Cultural Performance
		Concluding Remarks

Joining click this link: https://meet.google.com/xin-gomo-ice

R.D. Engineering College Duhai, Ghaziabad Dr. Dharamveer Singh (Convener- ICRTET-19)

### INTERNATIONAL CONFERENCE ON RECENTS TREND IN ENGINEERING AND TECHNOLOGY (ICRTET-19)

# INAUGURAL SESSION SCHEDULE (21th December' 2019)

TIMING	VENUE	ACTIVITY					
10:00-10:05AM		Welcome of Dignitaries & Lightening of Lamp					
10:05-10:15AM		Introduction of RTCSEM-23 by Dr. Dharamveer Singh (Program Convener & In – Charge Research and Development)					
10:15-10:20AM		Institute (RDEC) Video					
10:20-10:25AM		Welcome Address by Honorable Chairperson, RDEC, Ghaziabad					
10:25-10:30AM		Address by Honorable Advisor, RDEC, Ghaziabad					
10:30-10:45AM	B-BLOCK	Address by Guest of Honour S N Singh (IFS - Retd. Chief Conservator of Forest, Department of forest & Climate Change, U.P.) (Online)					
10:45-11:00AM	Conference	Invited Talk by Dr. Arnaldo DE Guzman,—University Director, UPHSD <b>Philippines (Online)</b>					
11:00-11:05AM	– Hall	Release of Conference Proceeding					
11:05-11:25AM		Address by Chief Guest Dr. Kumar Krishen, (Former Principal Chie Technologist Johnson Space Centre, NASA, USA) (Online)					
11:25-11:30AM		Vote of Thanks by Dr. Pankaj Singh (Chief Coordinator)					
11:30-11:35AM		National Anthem					
11:35-11:50AM		High Tea					
11:50 –12:15PM		Keynote lecture by Dr Ravi Shankar Singh, Scientist, University of Utah, USA (Online)					
12:15-12:40PM	B-BLOCK	Keynote lecture by Dr Sarabjeet Kaur, Associate Professor, Guru Nanak College of Education, Dalewal, Punjab (Online)					
12:40-1:05PM	Conference Hall	Keynote lecture by Dhanpal Singh, Senior Engineer Service Delivery department, <b>OATAR (Online)</b>					
1:05-1:30 PM		Keynote lecture by Saurabh Arya, - MD (Operation & Finance)Vision Smart Home, Australia (Online)					
1:30-2:30PM	A -30	Lunch					
2:30-2:55PM		Invited Talk by Sanjay Singh – Senior Program Manager – Nestle India					
2:55- 3:20PM		Invited Talk by Dr. Hemant Singh – Senior Delivery Manager, IBM (Online)					
3:20- 3:45PM	B-BLOCK	Invited Talk by Dr. Udeep Chawla, PhD University of Arizona, USA					
3:45- 4:10PM	Conference Hall	Invited Talk by Payal Arya – Surveyor Geodetic & Research Branch Survey of India (Online)					
4:10- 4:35 PM		Tea					
4:35- 5:00 PM		Cultural Performance					
5:00- 5:15 PM		Concluding Remarkseering					

Joining click this link: https://meet.google.com/xin-gomo-irg

Director R.D. Engineering College Duhai, Ghaziabad Dr. Dharamveer Singh (Convener- ICRTET-19)



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



# International Conference on

# Recent Trends in Engineering & Technology (ICRTET-2019)

Venue - Conference Hall, R D Engineering College, Ghaziabad Website: www.rdec.in, E-Mail: info@rdec.in

Date - (20-21st Dec, 2019)



HASA, HSA



**CHIEF PATRON** Former Principal Chief Commissioner
or successe Tax Purmer Principal Chief Technologist Jefonson Space Centre



**CHIEF PATRON** Dr. Bakcalı Sharma Humble President R D Engineering College



PATRON Wang Car & KTiwari (Retd.)



PATRON Mr. Shanwel Sharms Vice Freddont RD Engineering College



PATRON Sr. Ganjeev thorms



CHIEF COORDINATOR Dr. Pankaj Kamar Bingh Biracior - Romanch R D Engineering College



ur, Okaramyer Sings Read Research & Tevelopment R D Engineering College

### KEY NOTE SPEAKERS





Former Professor MNNIT Allahabad Ex Director



Dr. KKS Bhatia Professor - IIT Roorkee Former - VC Poornima Iniversity, Jaipur



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





# R. D. Engineering College, Ghaziabad Recent Trends in Engineering & Technology (ICRTET-19) Date of conference : 20<sup>TH</sup> & 21<sup>TH</sup> December 2019

Sr. no.	Name of Participants	Signature
•	Neha Rathi	Nehg
•	Riya vats.	Rigi
	Piga Maan	Riga
•	Klitika Tyagi	V. Still
•	Ashish parishan	Ashih
•	Mustan Tayal	Mulo
•	Mahina pandy	
•	Melia Smal	Mahile Nell-
•	Carmi	. 0
0.	Vishal Cosmani	Laxin
1.	11.01	Vishel
2.	Mary Tyagi	Make
3.	Farika	Caent
1.		Kanila
5.	Ritika	Otto
5.	ANMOL PATHAK	Annal
	Himiksha Bhargana	Minibale
7.	Tslika Snyll	Telle
3.	Tarri pal.	Lan
).	Aoisif South	Any
).	Sattle Charles	andrey
	Sagar Sharma	Vodw
2.	Vidli Strana	0 sil
	Sogal Sangli	n J
	Poonan Tylan'	Bush Nucle
	Bharat 1	1164
	Mishin Typagn'	Nusco
•1	Riya Mandhany	Kyr
		Kigi
	V	Bhut
	Bharat Sharma	Rohin
•	Roshni	Conlin





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

D	ate						

### **Notice**

All the Faculty/staff/students are hereby informed that we are excited to announce a seminar on "Promotion of Better Understanding of Intellectual Property Rights (IPR)" on 17<sup>th</sup> August, 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



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

### **Activity Report**

Title of the Event: Promotion of Better Understanding of Intellectual Property Rights (IPR)

Date: August 17, 2019

Resource Person: Hemant Kumar Singh

### **Objectives:**

- To enhance awareness and understanding of Intellectual Property Rights (IPR) among students and faculty.
- 2. To highlight the importance of protecting intellectual creations and innovations.
- To encourage a culture of innovation and respect for intellectual property at RD Engineering College.

### Description of the Activities/Event:

The event titled "Promotion of Better Understanding of Intellectual Property Rights (IPR)" held on August 17, 2019, at RD Engineering College, Ghaziabad, was a significant initiative to educate and sensitize the academic community about the crucial aspects of Intellectual Property Rights.

The day commenced with a warm welcome address by the college administration, emphasizing the relevance and impact of intellectual property in the contemporary technological landscape. While the resource person is left blank in this report, it's important to note that an expert in the field of intellectual property law or a seasoned professional would have been invited to share their insights.

The first session delved into the basics of Intellectual Property Rights, covering patents, trademarks, copyrights, and trade secrets. The resource person, through engaging presentations and real-life case studies, shed light on the importance of protecting intellectual creations. The session provided a comprehensive overview of the legal framework surrounding intellectual property, helping participants understand the nuances and complexities involved.

Following the theoretical session, a panel discussion was organized, bringing together experts from academia and industry. The panelists discussed the practical aspects of implementing and safeguarding intellectual property in the ever-evolving technological landscape. The interactive nature of the



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

discussion allowed participants to raise questions and seek clarification on specific issues related to intellectual property.

In the afternoon, a workshop was conducted to provide hands-on experience in the process of filing patents and trademarks. Participants were guided through the intricacies of the application process, from idea conceptualization to filing the necessary documentation. This practical aspect added a valuable dimension to the event, allowing participants to gain insights into the practicalities of protecting intellectual property.

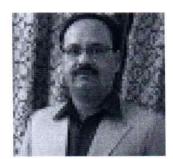
The event also featured a showcase of successful case studies where individuals and organizations had effectively utilized intellectual property to drive innovation and protect their creations. These case studies served as inspiration for the participants, illustrating the tangible benefits of understanding and leveraging intellectual property rights.

### Conclusion:

The event concluded with a closing ceremony, where the participants expressed their gratitude for the insightful sessions and the opportunity to interact with experts in the field. The college administration reiterated its commitment to fostering a culture of innovation and respect for intellectual property rights within the campus.

The "Promotion of Better Understanding of Intellectual Property Rights" event proved to be a valuable platform for knowledge exchange and capacity building. It successfully achieved its objectives of enhancing awareness, providing practical insights, and inspiring the academic community to embrace and respect intellectual property rights.

### 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 College

Duhal, Ghaziabad



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

Attendance Sheet for the Participants					
Sr. no.	Name of Participants	Signature			
1.	Many Kuman	o ignature			
2.	() Nith Siamue	Mano			
3.	Vanfay palival	Mitter			
4.	8 1 1 1	Langay paline			
5.	Doora Dushu	Shin			
6.	On the contract	P. Dulsy			
7.	Court of 810gh	g. Sugle			
8.	Chin Alice	eighte ku			
9.	Chileag Dharmer	Chieron Show			
	Sumotosparma	Sumit			
10.	Butu Gupta	Autu			
11.	Industr Kuman	marile			
12.	linek tyagi	Whik tuaci			
13.	Dramud Engli	De grand			
14.	Shallha Chandhay	el ablin			
15.	Suppos Verma	6)			
16.	Anuero Campla	Die venna			
17.	of way	thing buffe			
18.		V 0			
19.					
20.					