

**3.2.2 Number of workshops/seminars/conferences including programs conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the last five years**

Year	Name of the workshop/ seminar/ conference	Number of Participants	Date From – To	Link to the Activity report on the website
2023	A workshop on soft skill improvement by Rubicon India Pvt. Ltd. New Delhi	30	19/09/2023-21/09/2023	
2023	Energy Management System	35	24/03/2023	
2023	Expert Lecture in Field of ECE	25	25/03/2023	
2023	Designing Graphical User Interfaces using MATLAB	55	02/03/2023-04/03/2023	
2023	Electronic Circuit Design Competition	25	18/02/2023	
2022	Need of Energy Conservation	50	17/11/2022	
2022	PCB Design & Fabrication Workshop	30	27/12/2021-04/01/2022	
2022	Impact of Artificial Intelligence on Human Life	30	01/01/2022	
2021	Technical Poster/Paper Presentation	30	14/12/2021	
2021	National Webinar on Research, Innovation and Ranking	25	11/08/2021	
2021	Opportunities for Indian Students for Education and Employment in USA: Essential Hard and Soft Skills	25	16/06/2021	
2021	Webinar on IPR and IP Management	40	25/2/2021	
2021	ORIENTATION SESSION ON NATIONAL INNOVATION AND START-UP POLICY (NISIP)	25	31/01/2021	
2021	Role of Innovation for Engineers	50	27/01/2021	
2021	Expert talk on Startup & Entrepreneurship	50	18/01/2021	
2021	New Education Policy 2020	30	16/01/2021	
2020	Design Thinking & Benefits	50	24/10/2020	
2018	VYAKHAN 2K18	40	19/3/2018- 20/3/2018	



*[Signature]*  
Principal

R.P.S. College of Engg. & Tech  
Balana Mohindergarh (HR.)

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*[Signature]*  
Principal

R.P.S. College of Engg. & Tech  
Balana Mohindergarh (HR.)





### RUBICON WORKSHOP & QUIZ dated 19<sup>th</sup> Sept, 2023 to 21<sup>th</sup> Sept, 2023

A Workshop has been organised for the students of BTECH ECE/EE/CSE/BCA Students by RUBICON India Pvt. Ltd. On dated 12<sup>th</sup> April, 2023. And the Elec-Power Club of Electrical Engineering Department organized a technical quiz within the department in which students of 4<sup>th</sup> and 6<sup>th</sup> semester from Electrical Engineering participated. The quiz was staged by Er. Ravi Kumar, Assistant Professor (EE Deptt.). The quiz was planned in two parts – first part included the MCQ and second part included the verbal rounds in which four teams of two members each participated which were selected from the first part. The questions were from the Electrical Engineering background. Around 20 students of the department participated in this quiz.




*M. S. Yadav*  
Principal  
R.P.S. College of Engg. & Tech  
Balana Mohindergarh (HR.)

**Department of Electrical Engineering**  
Organizes

Expert Talk on  
**ENERGY STORAGE SYSTEMS**

*Resource Person*  
**Dr Muralidhar Nayak Bhukya**



एजुकेशन प्लस

**आरपीएस इंजी कॉलेज में हुए विशेष व्याख्यान के आयोजन**






महेंद्रगढ़। आरपीएस इंजी कॉलेज में बतौर विषय  
बलाना में कंप्यूटर साइंस विभाग द्वारा आयोजित  
"क्लाउड कंप्यूटिंग" विषय विद्युत के पर शिरकत की।  
विभाग द्वारा "एनर्जी संग्रहण डॉ. गुदाप तवर, प्रो. कर्मवीर श्योराण

**An Expert talk on – “Energy Management System”**  
**on dated 24<sup>th</sup> Mar, 2023**

The Elec-Power Club of Electrical Engineering Department organized an expert talk on – Energy Management System for 2<sup>nd</sup>/4<sup>th</sup>/6<sup>th</sup> semester students of Electrical Engineering, and Electronics & Communication Engineering. The key note speaker was Dr. Muralidhar Nayak Bhukya (Assistant Professor – Electrical Engineering at Central University of Haryana). Around 60 students participated in this seminar. The main objective behind the seminar was to put an effort in the line of realizing the importance of Energy Management System and energy resources in the light of sustainable development.

  
 Principal  
 R.P.S. College of Engg. & Tech  
 Balana Mohindergarh (HR.)

# ACTIVITY NO. 2

## ELECTRONIC CIRCUIT DESIGN COMPETITION ON 18-02-2023

EXECUTED BY : MR. PANKAJ SONI, SANDEEP YADAV, SANDEEP KUMAR  
PARTICIPANTS : ECE (1<sup>ST</sup> YEAR, 2<sup>ND</sup> YEAR AND 3<sup>RD</sup> YEAR STUDENTS)

PHASE 1 : DESIGNING AND EXPLANATION OF CIRCUIT ON PAPER  
PHASE 2 : PRACTICAL IMPLEMENTATION OF CIRCUIT



*Sandeep*  
Principal  
R.P.S. College of Engg. & Tech  
Balana Mohindergam (HR.)



**(02 -04 March 2023)**

**Program Schedule:-**

Event	Date & Timing	Venue
1 <sup>st</sup> Session	02 March 2023 02:30 PM - 05:30 PM	Lecture Hall 103
2 <sup>nd</sup> Session	03 March 2023 08:00 AM - 12:00 Noon	Lab -6(ECE Deptt.)
3 <sup>rd</sup> Session	04 March 2023 11:30 PM - 03:30 PM	Lab -6(COE Deptt.)



Resource Person  
**Er. Vishal Kumar Mittal**  
 Assistant Professor  
 Department of Electrical Engineering  
 RPSCEY, Balana, H.Barkh



**Three days' workshop on "Designing Graphical User Interfaces using MATLAB"**

**(From 02<sup>nd</sup> Mar, 2023 to 04<sup>th</sup> Mar, 2023)**

The Elec-Power club of Electrical Engineering Department organized a workshop on "Designing Graphical User Interfaces using MATLAB" for 2<sup>nd</sup> and 3<sup>rd</sup> year students of all the branches of Engineering (Electrical, Electronics & Communication, Mechanical, Civil and Computer Science Engineering) led by Prof. Karambir Sheoran & Prof. Vishal Kumar Mittal. The main objective behind this workshop was to train the students to use the MATLAB for basic mathematics and Engineering applications, and to design the GUIs using MATLAB. Total 45 students of different branches participated in this workshop.

*Vijaypal*  
 R.P.S. College of Engg. & Tech  
 Balana Mohindergarh (HR.)

# ACTIVITY NO. 4

## EXPERT LECTURE IN FIELD OF ECE

A WORKSHOP ON "AUTOMATION AND MECHATRONICS"  
BY SOFCON INDIA PVT. LTD., NOIDA  
ON 25-03-2023

EXECUTED BY : MR. PANKAJ SONI  
PARTICIPANTS : ECE (2<sup>ND</sup> YEAR AND 3<sup>RD</sup> YEAR STUDENTS)



*M. Pankaj*  
Principal  
R.P.S. College of Engg. & Tech  
Balana Mohindergarh (HR.)



**A seminar – “A small talk on – Need of Energy Conservation”** on dated 17<sup>th</sup> Nov, 2022.

The Elec-Power Club of Electrical Engineering Department organized a seminar on Need of Energy Conservation for 1<sup>st</sup>/3<sup>rd</sup>/5<sup>th</sup>/7<sup>th</sup> semester students of Electrical Engineering, and Electronics & Communication Engineering presented by Er. Vishal Kumar Mittal, Assistant Professor (EE Deptt.). The main objective behind the seminar was to put an effort in the line of realizing the importance of conservation of energy and energy resources in the light of sustainable development. Total 65 students of different branches participated in this Seminar.



*Prasad*  
Principal

R.P.S College of Engg. & Tech  
Balana Mohindergarh (HR.)





**RPS**  
GROUP OF INSTITUTIONS  
Under the aegis of RPS Education Society, Mumbai



*A Four Days Skill Development Workshop*



# Connect with Work

Training Program



14<sup>th</sup> to 17<sup>th</sup> February, 2023

Powered by:



In Association with:



## Nine days workshop on Circuit design, simulation, PCB design and fabrication

(From 27<sup>th</sup> Dec, 2021 to 4<sup>th</sup> Jan, 2022)

The Institution Innovation Council (IIC) of Rao Pahlad Singh Group of Institutions organized a nine days technical workshop on PCB Design and Fabrication led by Er. Vishal Kumar Mittal, Assistant Professor (EE Deptt.). The workshop constituted the hands-on exercises regarding the circuit building, PCB designing and PCB fabrication. Total 50 students from the Deptt. of **Electrical Engineering and Electronics & Communication Engineering** have been participated.

  
Principal

R.P.S. College of Engg. & Tech  
Balana Mohindergarh (HR.)

**A  
Report on**

**Impact of Artificial Intelligence on Human Life  
(1<sup>st</sup> January, 2022)**



*Organized by  
Under the aegis of Institution's Innovation Council (IIC)*



**Rao Pahlad Singh Group of Initiations  
Mahendergarh**

*[Signature]*  
Principal  
R.P.S. College of Engg. & Tech  
Balana Mohendergarh (HR.)

**Background:**

The Institution Innovation Council (IIC) of Rao Pahlad Singh Group of Institutions organized an expert talk on 'Impact of Artificial Intelligence on human life' on Jan 01, 2022.

**Objectives:**

The objectives of the event were as follows:

1. Making students understand artificial intelligence.
2. Familiarizing students with the scope of artificial intelligence.
3. Familiarizing students with the completed and ongoing projects employing artificial intelligence in CSIR-CEERI, Pilani.

**Participants:**

50 students from the Dept. of Electrical Engineering and Electronics & Communication Engineering of the institute.

**Brief of the Program:**

The event started with the welcome of Dr. Dhiraj Sangwan, Principal Scientist, SCSIR-CEERI, Pilani by Dr. Mahesh K. Yadav, Director, RPSCET. Dr. Dhiraj, first of all, briefed the students with the CSIR-CEERI, Pilani. He then discussed artificial intelligence and its scope in today's world. He shared the glimpses and talked about the various projects conducted by CSIR-CEERI, Pilani in the perspective of artificial intelligence. He motivated the students to come forward to carry on work in artificial intelligence. In the last, Dr. Mahesh K. Yadav, Director, RPSCET gave the vote of thanks to Dr. Dhiraj for sharing his thoughts with the students.

**Banner:**

**RPS**  
GROUP OF INSTITUTIONS

**RPS College of Engg. & Tech**  
BALANA MOHINDERGARH

**Expert Lecture on**  
**IMPACT OF ARTIFICIAL INTELLIGENCE ON HUMAN LIFE**

**DATE** | **TIME**  
**Jan. 01<sup>st</sup>** | **11:00A.M. onwards**

**Venue:**  
**RPSCET, SEMINAR HALL**

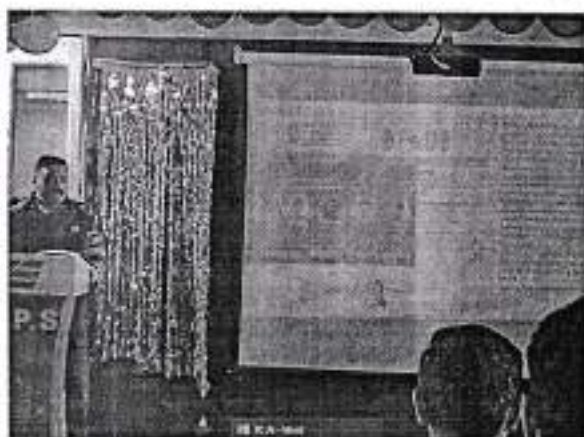
**Dr. Dhiraj Sangwan,**  
Principal Scientist, CSIR-CEERI, Pilani

Also live on **FACEBOOK**

**Faculty Coordinator: Mr. Pankaj Soni** ECE Dept.

*M. Yadav*  
Principal  
R.P.S. College of Engg. & Tech  
Balana Mohindergarh (HR.)

**Glimpses of Session:**



**Resource Person:**

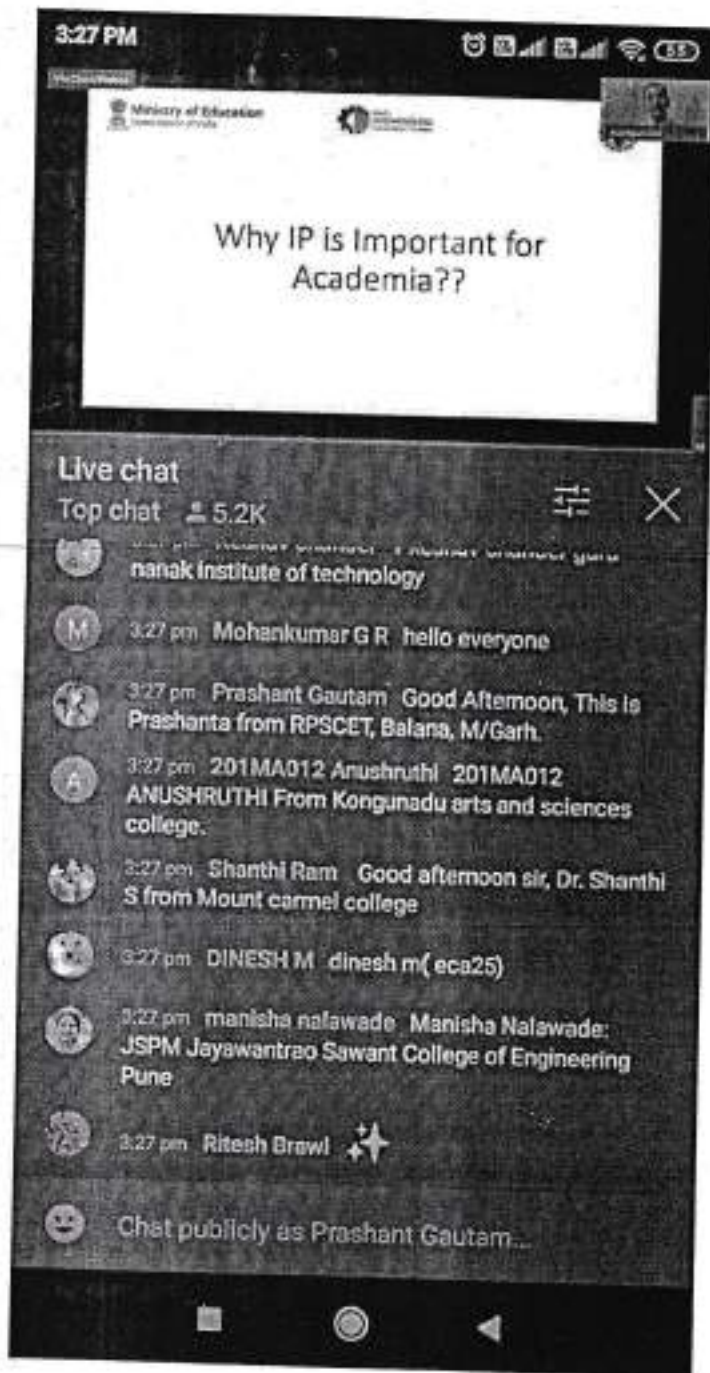
Dr. Dhiraj Sangwan, Principal Scientist, CSIR-CEERI, Pilani


**Coordinator:**

Mr. Pankaj Soni, Asst. Prof. & member IIC cell, RPSGCT



*M. P. Soni*  
Principal  
R.P.S. College of Engg. & Tech  
Balana Mohindergam (HR.)



  
Principal  
R.P.S. College of Engg. & Tech  
Balana Mohindergarh (HR.)

**A  
Report on**

**Technical Poster/Paper Presentation  
(14<sup>th</sup> December, 2021)**



*Organized by  
Under the aegis of Institution's Innovation Council (IIC)*



**Rao Pahlad Singh Group of Initiations  
Mahendergarh**

  
Principal

**R.P.S. College of Engg. & Tech  
Balana Mohindergarh (HR.)**

**Background:**

The Institution Innovation Council (IIC) of Rao Pahlad Singh Group of Institutions organized a one-day technical poster presentation event on Dec 14, 2021. The aim of the event was to get innovative ideas from students to mitigate challenges in society.

**Objectives:**

The objectives of the workshop were as follows:

1. Identifying the various challenges in society.
2. Determining solutions to the identified challenges.
3. Creating repositories of the various solutions.

**Participants:**

25 students from the Dept. of Electrical Engineering and Electronics & Communication Engineering of the institute.

**Brief of the Program:**

Students were prepared to identify the various challenges in society and encouraged to give solutions. The event started with the scrutiny of numerous ideas portrayed by students. The students were motivated to prepare and present posters to jury members. Prof. Dr. Jitender Gangwar, RPSGOI was the chief guest for the event. He admired the endeavors of students for this event. The event was concluded with the award ceremony.

**Banner:**

The banner features the RPS Group of Institutions logo on the left and the Institution Innovation Council logo on the right. The text reads: 'Department of ECE/EE presents What's That?? An event on "Technical Poster/ Paper presentation"'. Below this, the date is 'Dec. 14th' and the time is '11:00A.M. onward'. At the bottom, it lists 'Faculty Coordinators: Mr. Sandeep Yadav, ECE Dept.' and 'Students Coordinators: Saurav, Rishabh, Mohit, Rohit, Navneet'.



*Signature*  
Principal

R.P.S. College of Engg. & Tech  
Balana Mohindergarh (HR.)


**Glimpses of Session:**



**Coordinator:**

Er. Sandeep Kumar, Asst. Prof. & member IIC cell RPSGOI



  
Principal  
R.P.S College of Engg. & Tech  
Balana Mohindergarh (HR.)



**A  
Report on**

**National Webinar on Research, Innovation and Ranking  
(11th August 2021 Wednesday)**

*Organized by  
Institution's Innovation Council (IIC)*



**Rao Pahlad Singh Group of Institutions  
Mahendergarh**

  
Principal  
R.P.S. College of Engg. & Tech  
Balana Mohendergarh (HR.)

**Background:**

On account of "One Year of National Education Policy 2020", Ministry of Institution Innovation Council (MIC) organized a National Webinar on Research, Innovation, and Ranking on 11th August 2021 Wednesday. Dr. Rajkumar Ranjan Singh, Hon'ble Minister of State for Education and External Affairs, Govt. of India was the 'Chief Guest' for the program while Prof. K. VijayRaghavan, Principal Scientific Advisor, Govt. of India was the 'Guest of Honor'. The webinar was conducted live on you tube app.

**Participants:**

It was attended by 25 plus faculty members from various Dept. of Engineering and Dept. of Management of the RPS institute.

**Objective:**

Collaborating multi-discipline areas research, innovation and ranking.

**Brief of the Program:**

The program started with a welcome address by Shri Rakesh Ranjan, Additional Secretary(TE) and opening remarks by Shri Amit Khare, Secretary, HE. Dr. K. VijayRaghavan, Principal Scientific Advisor delivered the Keynote Address, followed by an Inaugural address by Dr. Rajkumar Ranjan Singh, Hon'ble Minister of State for Education and External Affairs, Govt. of India and vote of thanks by Dr. Abhay Jere, Chief Innovation Officer (CIO), Ministry of Education.

The webinar was comprised of three modes of panel discussion including 1) Ensuring Excellence and Relevance in Research 2) Building Innovation & Entrepreneurial Ecosystem and 3) Strategy for HEIs for excelling in Global Rankings. Each panel discussion was taken care by three separate experts.


The talks delivered by all the higher dignitaries were full of information and knowledge and On account of completing one year of national education policy, RPS College of Institutions presents its sincere greetings.

**Outcome:**

The talks by the experts were full of examples and present scenarios, and the webinar insights about the following points in detail:

- 1) How research and innovation can be of great help in solving the problems of the common man.
- 2) Private players can be of great help for startup eco-system, innovation, and entrepreneur apart from government support.
- 3) Importance of innovation starting from school.
- 4) Reforms in the examination pattern.
- 5) Reforms in the global ranking system for institutions.
- 6) And importance of collaboration in research, innovation, and ranking.



  
Principal  
R.P.S. College of Engg. & Tech  
Balana, Mohindergarh (HR.)



# Celebrating **1** Year of National Education Policy 2020

National webinar on  
**Research, Innovation and Ranking**



Sri Narendra Modi  
Hon'ble Prime Minister

Chief Guest

**Dr. Rajkumar Ranjan Singh**


Minister of State for Education and External Affairs  
Government of India

Guest of Honour

**Prof. K. VijayRaghavan**

Principal Scientific Advisor  
Government of India



  
Principal  
R.P.S. College of Engg. & Tech  
Balana Mohindergarh (HR.)

**A**  
**Report on**  
**Online Expert Lecture**  
**On**  
**Opportunities for Indian Students for Education and**  
**Employment in USA: Essential Hard and Soft Skills**  
**16<sup>th</sup> June 2021**

*Organized by*  
*Institution's Innovation Council (IIC)*



**Rao Pahlad Singh Group of Institutions**  
**Mahendergarh, Haryana**



  
Principal  
R.P.S. College of Engg. & Tech  
Balana Mohindergarh (HR.)

### **Background:**

The Institution Innovation Council (IIC) of Rao Pahlad Singh Group of Institutions organized an Expert Lecture on "Opportunities for Indian Students for Education and Employment in USA: Essential Hard Skills" on 16<sup>th</sup> 2021. The expert lecture was conducted live through Zoom meeting app and facebook.

### **Objectives:**

The objectives of this expert talk were as follows:

1. To increase awareness among the students regarding education and employment opportunities in USA.
2. To update the students with necessary knowledge and skills for test/interview for education and employment purpose.
3. To encourage the students for enhancing hard and soft skills with special focus on English Communication Skills.

**Expert:** Prof. Devendra Sharma, Ph.D.

**Professor & Undergraduate Coordinator**

Department of Communication,  
California State University,  
Fresno, USA



### **Participants:**

The lecture was actively attended by nearly 250 faculty members and students through zoom meeting and Face book live.

### **Overview of the Program:**


The expert lecture was moderated by Dr. Ritu Mohan, Assistant Professor in English, Department of Applied Science. He introduced Prof. Devendra Sharma - the Expert to the students and the teachers. Dr. Mahesh Kumar Yadav, Director, RPSGOI welcomed the Expert on behalf of the institute. He also addressed the students and advised them to take the maximum benefit from the lecture.

Prof. Devendra Sharma started with discussing the journey and struggle of Indians for earning prestigious positions in the Corporate and the Political sector of USA. He also inspired the students by narrating his own journey from a common student to a Professor in one of the most reputed universities in USA.

Prof. Sharma stressed on the dire need of the hard as well as the soft skills for becoming and proving employable. He, by giving various significant examples advised the students for grooming themselves according to the present the upcoming demand of the job market. Prof. Sharma also discussed the process and regulations for pursuing higher studies and thereafter getting placement in USA.

Prof. Sharma also advised the students to follow rules and ethical ways to enter in USA for study and employment purposes. He warned the students to stay away from agents and fake agencies for admission and placement activities.

Prof. Sharma made the session interactive indeed. He encouraged the students to ask questions and answered all the questions of the students. Er. Manish Rao, CEO, RPSGOI also joined the session and interacted with Prof. Sharma. He invited Prof. Sharma to visit and address the students of RPSGOI physically when he visits INDIA next time.

  
Principal  
R.P.S. College of Engg. & Tech  
Balana Mohindergath (HR.)

At the conclusion of the session, Dr. J K Gothwal, Vice-Principal of the institute thanked the speaker and the entire team for conducting the expert lecture.



*[Handwritten Signature]*  
Principal  
R.P.S. College of Engg. & Tech.  
Balana, Mohinderghar (HR.)

### Feedback from the Participants:

A feedback from the faculty members and students were taken. All the participants appreciated the session and desired to organize more lectures of such type.

### Banner:




### Glimpse of Session:



*Kalyanadas*  
Principal  
R.P.S. College of Engg. & Tech  
Balana Mohindergarh (HR.)



  
 Principal  
 R.P.S College of Engg. & Tech  
 Balana Mohindergarh (HR.)



Media Coverage: Dainik Bhaskar

## आरपीएस इंजीनियरिंग कॉलेज में 'शिक्षा व रोजगार' पर वेबिनार छात्रों को अपने में तकनीकी और प्रभावशाली संचार कौशल विकसित करना जरूरी: प्रो. शर्मा

कॉलेज के 250 विद्यार्थी इस वेबिनार में मौजूद रहें

महेंद्रगढ़ | आरपीएस इंजीनियरिंग कॉलेज बलाना में 'अमेरिका में भारतीय छात्रों के लिए शिक्षा और रोजगार के अवसर' पर वेबिनार का आयोजन हुआ। कार्यक्रम के संयोजक डॉ. ऋतुमोहन, अंग्रेजी विभाग के प्रवक्ता द्वारा किया गया तथा डॉ. नवीन, प्रवक्ता भौतिकी विभाग ने टेक्निकल सहयोग दिया।

मुख्यातिथि प्रो. देवेन्द्र शर्मा, संचार विभाग, कैलिफोर्निया विवि, फेशनो, यूएसए जूम एप के माध्यम से उपस्थित रहे। प्रो. शर्मा ने छात्रों को बताया उन्हें संस्कृति पर गर्व करना चाहिए। उनको अपनी तकनीकी कौशल और प्रभावशाली संचार कौशल विकसित करना चाहिए। उन्होंने बताया कि अमेरिकन लोग भारतीय टैलेंट की कदर करते हैं और जो बाइडेन के आने के बाद भारतीय लोगों के लिए नियम और आसान हो रहे हैं।

बेसिक टेक्निकल नॉलेज और प्रभावशाली संचार कौशल के कारण भारतीय छात्र कहीं भी पढ़ाई और रोजगार कर सकते हैं। संस्था सीईओ मनीष राव ने प्रो. शर्मा को महेंद्रगढ़ तथा आरपीएस संस्था के बारे में जानकारी दी।

इससे पूर्व कॉलेज फाउंडर डायरेक्टर डॉ. ओपी यादव, सीईओ मनीष राव, डायरेक्टर डॉ. महेश यादव, रजिस्ट्रार डॉ. देवेन्द्र यादव, डीन प्रो. राजेन्द्र यादव व अन्य शिक्षकों का स्वागत किया। कार्यक्रम के समापन पर संस्था की ओर से मुख्य अतिथि तथा सभी शिक्षकों व छात्रों को धन्यवाद किया तथा कॉलेज के उप प्राचार्य डॉ. जेके गोठवाल, डीन एकेडमिक प्रो. राजेन्द्र यादव, विभागाध्यक्ष प्रो. कर्मवीर श्योराण, गजानंद शर्मा, संदीप यादव, अनिल, सुमित सैनी, पंकज सोनी, कोमल अरोड़ा, वर्षा सैनी तथा समस्त शिक्षक व कॉलेज के 250 विद्यार्थी इस वेबिनार में मौजूद रहें।



*R.P.S.*  
Principal  
R.P.S. College of Engg. & Tech  
Balana Mohindergarh (HR.)

**A  
Report on**

**Expert talk on Intellectual Property Rights (IPRs)**  
*(25<sup>th</sup> February, 2021)*

*Organized by  
Under the aegis of Institution's Innovation Council (IIC)*



**Rao Pahlad Singh Group of Institutions  
Mahendergarh**

  
Principal

R.P.S. College of Engg. & Tech  
Balana Mohendergarh (HR.)

**Background:**

The Institution Innovation Council (IIC) of Rao Pahlad Singh Group of Institutions organized an Expert talk on Intellectual Property Rights on Feb 25, 2021. The expert talk was conducted live through Zoom meeting app and also stream lived on Facebook.

**Objectives:**

The objectives of this expert talk were as follows:

1. The main aim was to impart greater awareness about the issue of **IPRs**, which gained a special importance for all the domains of socio-economic development.
2. Make students and faculties aware of the importance of **IPRs**.
3. Make them understand that how their unique ideas can be get patented.

**Participants:**

It was attended by faculty members and 200 students from various Dept. of Engineering and Dept. of Management of the institute.

**Brief of the Program:**

The expert talk was held on January 25th Feb. 2021, Thursday, at 12.30 PM. Mr. Manish Kaushik, Assistant Professor of RPSGOI started the session with a warm welcome from all the attendees and also introduced the guest speaker. The session was taken over by the guest speaker Mr. Rutwik Rao who is currently working as a Patent Agent, Trademark attorney, and practices before the Bombay High Court, NCLT, and IPAB.

He started by defining the Word 'Intellectual' and gave a clear idea about the same. He mentioned all the essential factors related to IPRs. Then in detail, he covers up the terms patent, copyright, and trademark, how these differ from each other, what are their main specifications, how these can be filed in their relevant areas.

Further, with the help of a flow chart, he talked about how a patent can be filed and what are the stages one has to go through while filing a patent.

The entire session was full of good examples and was very interactive. The workshop ended with a question and answer session in which students get their doubts solved. At the end Dr. JK Gothwal, Vice-principal RPSGOI thanked our keynote speaker and the entire IIC team for conducting the expert talk on the topic of great interest for all.



  
Principal

R.P.S. College of Engg. & Tech  
Balana Mohinderghat (HR.)

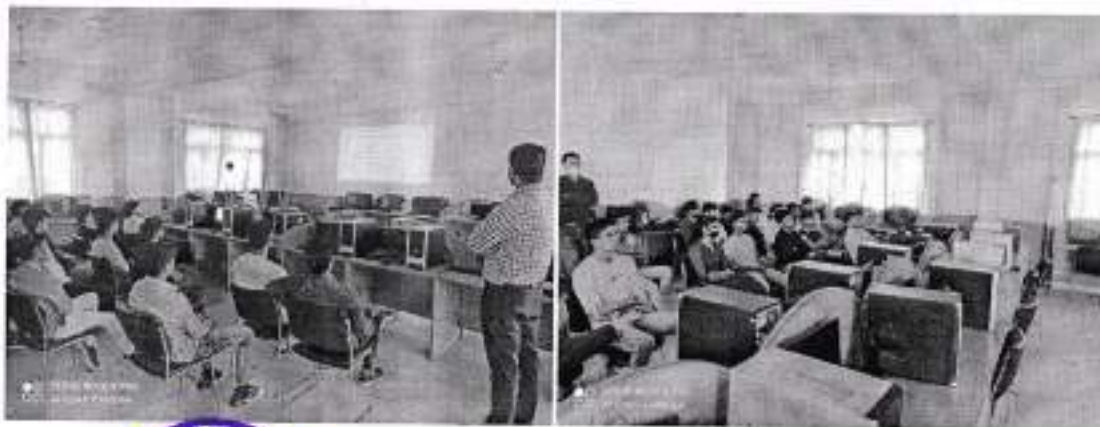
### Feedback from the Participants:


A feedback from the faculty members and students were taken, the participants were thankful to the IIC, RPSGOI for conducting this expert talk.

### Banner:



### Glimpse of Session:



  
Principal  
R.P.S. College of Engg. & Tech  
Balana Mohindergarh (HR.)



**Resource Persons:**

Mr. Rutwik Rao Patent Agent, Trademark attorney, and practices before the Bombay High Court, NCLT, and IPAB.

**Coordinator:**

Mr. Manish Kaushik, Asst. Prof. & member IIC cell RPSGOI.



  
Principal  
R.P.S. College of Engg. & Tech  
Balana Mohindergarh (HR.)

**INNOVATION INSTITUTION COUNCIL (IIC)  
RPS CET, MAHENDERGARH**

**ORIENTATION SESSION ON NATIONAL INNOVATION AND START-UP  
POLICY (NISIP)**

Innovation Institution Council (IIC) – RPS CET, has organized a one day orientation session on “National Innovation and Start-up Policy (NISIP). It was organized for all the faculty members of RPS CET and well received by everyone on JAN 31<sup>st</sup>, 2021. This is an initiative by Ministry of Human Resource Development (MHRD), Govt. of India in association with All India Council of Technical Education (AICTE).

The session was organized online through ZOOM MEETING APP. Nearly 25 Faculty members from various branch of Engineering, Management attended the session. The session was conducted by Prof. R.S Yadav, Dean Academic Affairs, RPS CET. He explained about the National Innovation and Startup Policy and interacted with the Faculty members. The following topics were discussed related to Innovation and startup policy.

- Strategies and Governance
- Startups Enabling Institutional Infrastructure
- Nurturing Innovations and Startups.
- Product ownership rights for Technologies developed at institute
- Organizational capacity, Human Resources and Incentives
- Creating Innovation pipeline and pathways for Entrepreneurship development
- Norms for faculty startups
- Pedagogy and learning interventions for Entrepreneurship Development
- Collaboration, co-creation, business relationships and knowledge exchange
- Entrepreneurial Impact Assessment



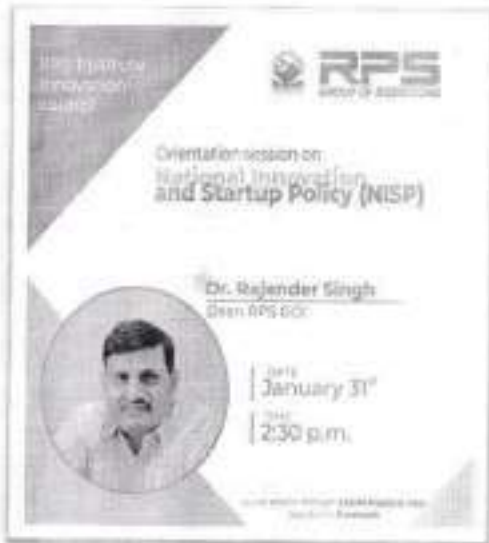
**Outcome:**

The faculty members were motivated to start a startup unit or a business model and guide the students in Entrepreneurial aspects.

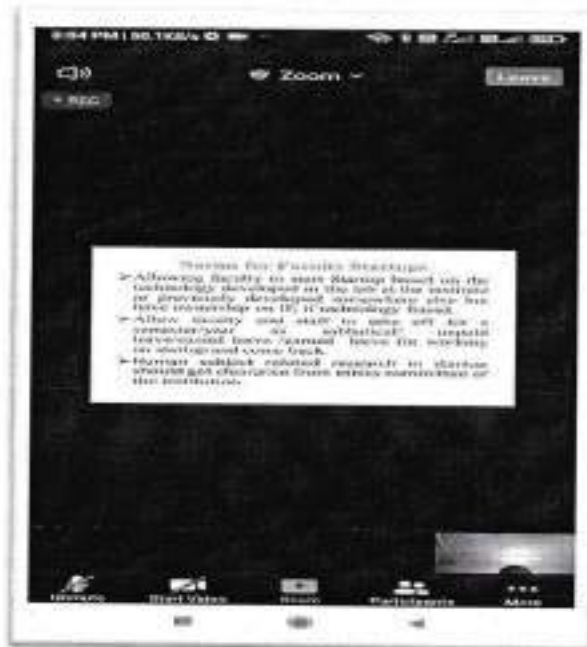
*Appudu*  
Principal

R.P.S College of Engg. & Tech  
Balana Mohinder (HR.)

**Glimpse of the session:**



rR



*Deepa*  
 Principal  
 RPS College of Engg. & Tech  
 Balana Mohindergarh (HR.)



**RESOURCE PERSON-**

Prof. Rajender Singh Yadav , Dean Academics Affairs, RPS CET.



*Rajender Singh Yadav*

Principal

R.P.S. College of Engg. & Tech  
Balana Mohindergarh (HR.)



**Report of**

**One day  
Workshop  
On**

**Role of Innovation for Engineers**  
*(Jan 27, 2021)*

*Organised by*  
*Under the aegis of Institution's Innovation Council*  
*(IIC)*



**Rao Pahlad Singh Group of Institutions**  
**Balana, Mahendergarh (Haryana)**



  
Principal  
R.P.S. College of Engg. & Tech  
Balana Mohendergarh (HR.)

## Background

The Institution Innovation Council (IIC) of Rao Pahlad Singh Group of Institutions organised a one day workshop on Jan 27, 2021, titled "**Role of Innovation for Engineers**". The workshop was conducted live through Zoom Meeting App.

## Objectives

The objectives of this workshop are to:

1. To prepare the mindset of students about innovative ideas.
2. To discuss the various innovation-driven project/challenges
3. To recognise the latest and future issues and challenges in innovation.
4. To recognise and specify the best problem to solve and restate the problem as a function of its mutually exclusive and collectively exhaustive different dimensions.
5. To discuss the role of innovation in Engineers

## Participants

It was well-received by more than 300 students from various Branches of Engineering and Dept. of Management.

## Brief of the Program


The workshop was held on Jan 27, 2021, Wednesday, at 2:00 PM to 3:30 PM. Dr Mahesh Kumar Yadav, Director of RPSGOI, started the session with a warm welcome of all the attendees and also introduced the guest speaker. The session was taken over by the guest speaker Mr Vijay Pal Singh, an Innovation Ambassador, Assistant Professor in ECE, GJUST, Hisar.

He shared many ideas of history time which become very innovative. He also emphasised TOYCATHON 2021(A step by Government of India to challenge India's Innovative minds). He explained how the participation of youth would impact the Innovation & idea development for the country. He also shared his recent innovation ideas with participants who are published in the past few years.


## Feedback from the Participants

The participants were highly satisfied with the workshop, and they found all the useful. Because it was a tool base practical session, students were much interested in this program. Some of the participants have many queries about the ideas and Innovation creation. The participants were thankful to the IIC, RPSGOI for conducting this workshop.

Glimpse of Session

  
Principal  
R.P.S. College of Engg. & Tech  
Balana Mohindergarh (HR.)

RPS Institute  
Innovation  
Council




# Role of Innovation for Engineers

**MR. VIJAY PAL SINGH**  
Innovation Ambassador  
Assistant Professor in ECE  
GJUS&T, Hisar

DATE  
January 27<sup>th</sup>

TIME  
2:00 p.m.- 3:00 p.m.

Use the session through ZOOM Meeting App  
Also live on Facebook




*Kiryadu*  
Principal  
R.P.S. College of Engg. & Tech  
Balana Mohindergarh (HR.)



**1. Resource Persons**


Mr Vijay Pal Singh, an Innovation Ambassador, Assistant Professor in ECE, GJUST, Hisar.

**2. Coordinators:**

Mr. Pankaj Soni, Asst. Prof., RPSGOI

Mr. Ashwini Saini, Asst. Prof., RPSGOI



  
Principal  
R.P.S College of Engg. & Tech  
Balana Mohindergarh (HR.)


**Report of the  
One day Workshop  
On**

**Expert talk on Startup & Entrepreneurship  
(18<sup>th</sup> January, 2021)**

*Organised by  
Under the aegis of Institution's Innovation Council (IIC)*



**Rao Pahlad Singh Group of Institutions  
Mahendergarh**

  
Principal  
R.P.S. College of Engg. & Tech  
Balana Mohindergarh (HR.)

## Background

The Institution Innovation Council (IIC) of Rao Pahlad Singh Group of Institutions organized a one day workshop on Jan 18, 2021 titled "Expert talk on Startup & Entrepreneurship". The workshop was conducted live through Zoom meeting app and also live on facebook.

## Objectives

The objectives of this workshop are to:

1. Make students aware of the importance of Startups and Entrepreneurship in coming future.
2. Make them understand that How their unique ideas will help them to be a job creator and also the importance of their participation to make India a "Atmanirbhar Bharat".
3. Identification of opportunities in entrepreneurship.

## Participants

It was well received by more than 200 students from various Dept. of Engineering and Dept. of Management.

## Brief of the Program

The workshop was held on January 18<sup>th</sup>, 2021, Monday, at 12.30 PM. Dr. Mahesh Kumar Yadav, Director of RPSGOI started the session with a warm welcome of all the attendees and also introduced the guest speaker. The session was taken over by the guest speaker Ms. Sunanda Yadav who is currently working as Retail Sales and Marketing Manager in Intel Technology India Pvt. Ltd.

She initially started off by defining the Word 'Entrepreneurship' and gave the clear idea about the same. She mentioned all the essential factors to become a entrepreneurship. Along with knowledge, An individual needs to put lots of time patience and dedication to become a successful entrepreneur.

Further, She stressed the time factor that how a good idea at right time opens up the path to become a successful entrepreneur. She gave so many examples of startups that had arrived at wrong time and didn't work well in the market.

She also emphasized on TOYCATHON 2021(A step by Government of India to challenge India's Innovative minds) and explained how the participation of youth will impact the cultural & traditional development of country.

The entire session was extremely interactive session. The workshop ended with question and answer session in which students get their doubts solved.



2  
  
Principal  
R.P.S. College of Engg. & Tech  
Balana Mohindergarh (HR.)

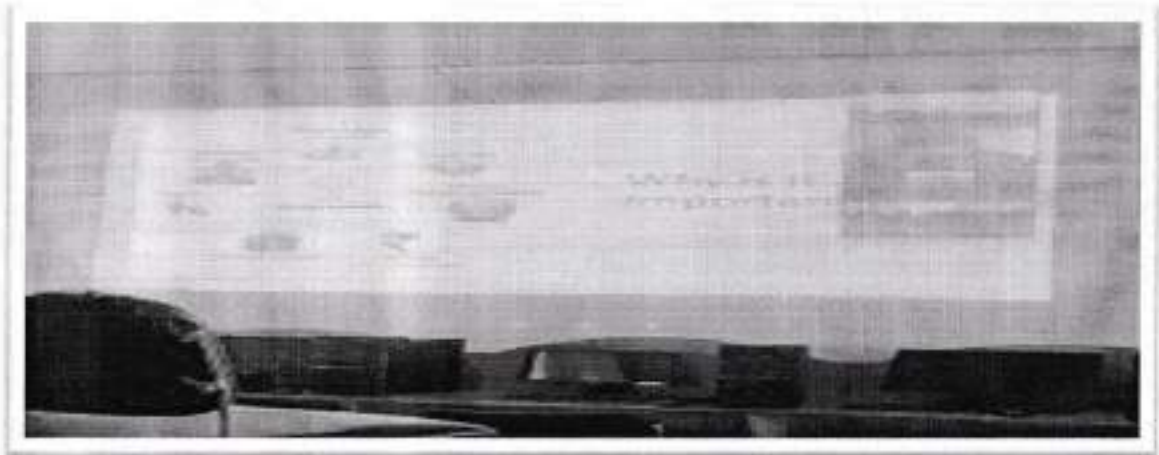
### Feedback from the Participants

The participants were highly satisfied with the workshop, and they found all the useful. Some of the Participants also get themselves registered in TOYCATHON 2021. The participants were thankful to the IIC, RPSGOI for conducting this workshop.

### Glimpse of Session



*Ajayadai*  
Principal  
R.P.S College of Engg. & Tech  
Balana Mohindergarh (HR.)



### 1. Resource Persons


Ms Sunanda Yadav, Retail Sales and Marketing Manager, Intel Tech. Pvt. Ltd.

### 2. Coordinators:

Prof. R.S. Yadav, Dean Academic Affairs, RPSGOI

Ms. Paridhi Tutlani, Asst. Prof., RPSGOI



  
Principal  
R.P.S College of Engg. & Tech  
Balana Mohindergarh (HR.)



**Report of the  
One day  
Orientation session  
On**

**“New Education Policy 2020”  
(16<sup>th</sup> January, 2021)**

*Organized by  
Under the aegis of Institution's Innovation Council (IIC)*



**Rao Pahlad Singh Group of Institutions  
Mahendergarh**



*K. Prasad*  
Principal  
R.P.S. College of Engg. & Tech  
Balana Mohindergarh (H.R.)

## Background

The Institution Innovation Council (IIC) of Rao Pahlad Singh Group of Institutions organized a one day Orientation session on Jan 16, 2021 titled "New Education Policy 2020". The Orientation session was conducted in Seminar Hall, RPSGOI Campus.

## Objectives

The objectives of this Orientation session/Seminar are to:

1. Make students aware of the importance of New Education Policy 2020 in coming future.
2. Identification of opportunities in New Education Policy.
3. Make them understand that How their unique ideas will help them to be a job creator and also the importance of their participation to make India a "Atmanirbhar Bharat".

## Participants

It was well received by more than 250 students from various Department of Engineering and Department of Management.

## Brief of the Program

An orientation session on "New Education Policy" was carried out at RPS College of Engineering & Technology, Satnali Road, Balana, Mahendergarh, Haryana, India-123029 on 16<sup>TH</sup> January 2021, Tuesday at 11:30 am.

Dr. Mahesh Kumar Yadav, Director of RPSGOI started the session with a warm welcome of all the attendees and also introduced the guest speaker.

The session was taken over by the guest speaker Dr. Jitender Bhardwaj who is currently working as Registrar in Choudhary Bansilal University (CBLU), Bhiwani, Haryana.

The main objective behind this session was to make student aware about how various activities related to New Education Policy which are carried out by the Government of India and different Educational Organizations.

The chief guest, Dr. Jitender Bhardwaj, Registrar, Choudhary Bansilal University, Bhiwani, Haryana who discuss in detail about the new education policy in all respects.

Further he also expects that this new education policy will definitely relate our ancient and traditional values and reforms our education system that will ultimately on one day, India will become 'Vishvaguru'.



*Ajay Kumar*  
Principal  
R.P.S. College of Engg. & Tech  
Balana Mohindergarh (HR.)

### Feedback from the Participants

The participants were highly satisfied with the Seminar on NEP 2020, and they found all the useful. The participants were thankful to the IIC, RPSGOI for conducting this Seminar.

### Glimpse of Session:

**RPS**  
GROUP OF INSTITUTIONS

**INSTITUTION'S INNOVATION COUNCIL**

**ORIENTATION SESSION ON NATIONAL EDUCATION POLICY**

Speaker  
**Sh. Shyam Singh Rajawat**

Chief Guest  
**Dr. Jitender Bhardwaj**  
Registrar, CBLU Bhiwani

Presided over  
**Dr. O.P. Yadav**  
Founder, RPS GOI

**Prof. Dr. Mahesh Yadav**  
President IIC, RPS CET

12:30 p.m. (IST)  
January 16, 2021


Live session on Facebook

**Balana, Mahendergarh, Haryana (NCR)**



*Dr. Mahesh Yadav*  
Principal  
R.P.S. College of Engg. & Tech  
Balana Mohindergarh (HR.)



  
Principal  
R.P.S. College of Engg. & Tech  
Balana Mohindergarh (HR.)



**1. Resource Persons:**

Dr. Jitender Bhardwaj, Registrar, Choudhary Bansi Lal University, Bhiwani, Haryana.

**2. Coordinators:**

Prof. R.S. Yadav, Dean Academic Affairs, RPSGOI  
Prof. Karambir Sheoran, Asst. Prof., RPSGOI



5

*R.S. Yadav*  
Principal  
R.P.S. College of Engg. & Tech  
Balana Mohindergarh (HR.)

**Report of**

**One day  
Workshop  
On**

**Design Thinking & Benefits**  
*(24<sup>th</sup> October, 2020)*

*Organised by*  
*Under the aegis of Institution's Innovation Council*  
*(IIC)*



**Rao Pahlad Singh Group of Institutions**  
**Balana, Mahendergarh (Haryana)**



1

  
Principal  
R.P.S. College of Engg. & Tech  
Balana Mohindergarh (HR.)

## Background

The Institution Innovation Council (IIC) of Rao Pahlad Singh Group of Institutions organised a one day workshop on Oct 24, 2020 titled "**Design Thinking**". The workshop was conducted live through Cisco Webex Meeting App.

## Objectives

The objectives of this workshop are to:

1. To develop an advanced innovation and growth mindset form of problem identification and reframing, foresight, hindsight, and insight generation.
2. To prepare the mindset and discipline of systemic inspiration is driven by an educated curiosity to find new sources of ideas, new connections, and new models, especially outside their regular operating atmosphere.
3. To recognise and specify the best problem to solve and restate the problem as a function of its mutually exclusive and collectively exhaustive different dimensions
4. To propose a concrete, feasible, viable, and relevant innovation project/challenge.
5. To recognise the latest and future issues and challenges in innovation.
6. To expose the student with the state of the art perspectives, ideas, concepts, and solutions related to the design and execution of innovation-driven projects using design-thinking principles.

## Participants

It was well-received by more than 300 students from various Branches of Engineering and Dept. of Management.



## Brief of the Program

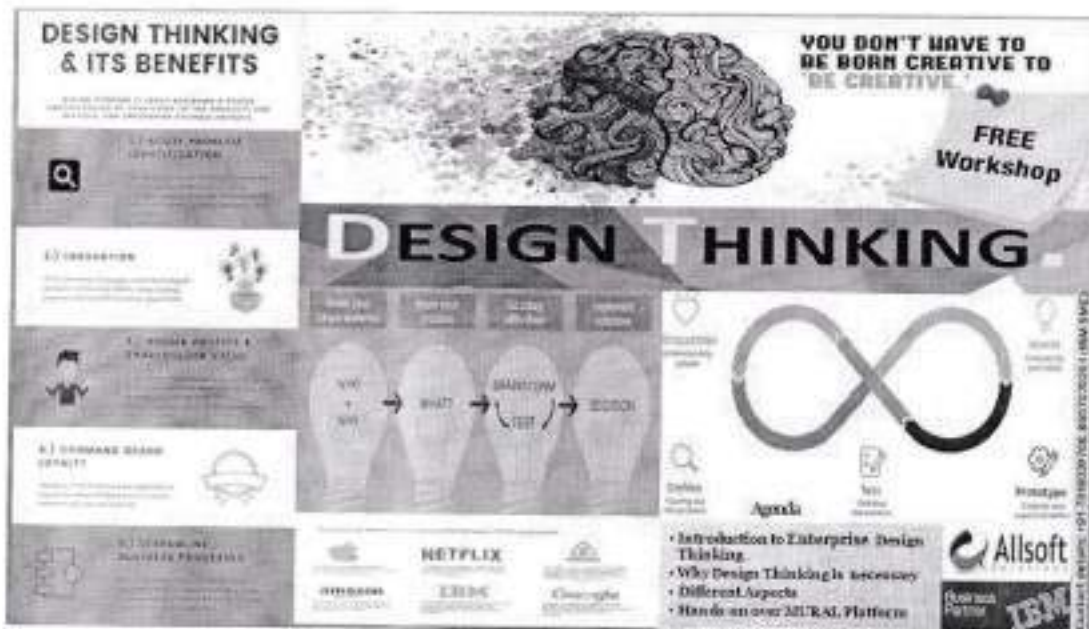
The workshop was held on October 24th, 2020, Saturday, at 11.00 A.M. Dr. Mahesh Kumar Yadav, Director of RPSGOI started the session with a warm welcome of all the attendees and also introduced the guest speaker. The session was taken over by the guest speaker Ms. Khushbu Datwani is an IBM Subject Matter Expert in | Design Thinking | Analytics | Business Intelligence for Supply Chain solutions working with IBM Insights and Intelligence Labs with overall 6+ years of experience in the IT Industry.

She Holds IBM Data Science Instructor, Certified in Analytics, Design Thinking- Instructor, Artificial Intelligence Instructor, Design Thinking- Co-creator, Design Thinking- Team Essential, Design Thinking- Practitioner.

## Feedback from the Participants

The participants were highly satisfied with the workshop, and they found all the useful. Because it was a tool base practical session, students were much interested towards this program. Some of the Participants has many queries about the career development in IBM Design thinking Program. The participants were thankful to the IIC, RPSGOI for conducting this workshop.

## Glimpse of Session



*Principal*  
Principal  
R.P.S. College of Engg. & Tech  
Balana Mohinderghar (HR.)





## 1. Resource Persons



Khushbu Datwani is an IBM Subject Matter Expert in | Design Thinking | Analytics | Business Intelligence for Supply Chain solutions working with IBM Insights and Intelligence Labs with overall 6+ years of experience in the IT Industry.

## 2. Coordinators:

Mr. Pankaj Soni, Asst. Prof., RPSGOI  
Mr. Ashwini Saini, Asst. Prof., RPSGOI



  
Principal  
R.P.S. College of Engg. & Tech  
Balana Mohindergarh (HR.)

Write with your mind not with hand .....

व्यख्यान 2k18  
Exploring Technology  
coming soon !!

# व्यख्यान 2k18

March 19<sup>th</sup> & 20<sup>th</sup>

## Event Description

"IT IS NOT ALL OVER. EVERYTHING HAS NOT BEEN INVENTED. THE WORLD IS JUST BEGINNING" – Gene Roddenberry

All you need to do is to fuel your brain to ideate the ideas that never existed. The planet is all yours and come up with a spark of innovation to improve the lives around you. The stage has been set to listen to your words. Hope you fulfil the expectation in the form of PAPER PRESENTATION.



vaykhan 2k18



Facebook link



## Events:

Live Workshops

Live Presentations

Don't be shy- Meet  
Experts &  
Influencers Face to  
Face

Validate your own  
philosophy of study  
through interaction  
with others

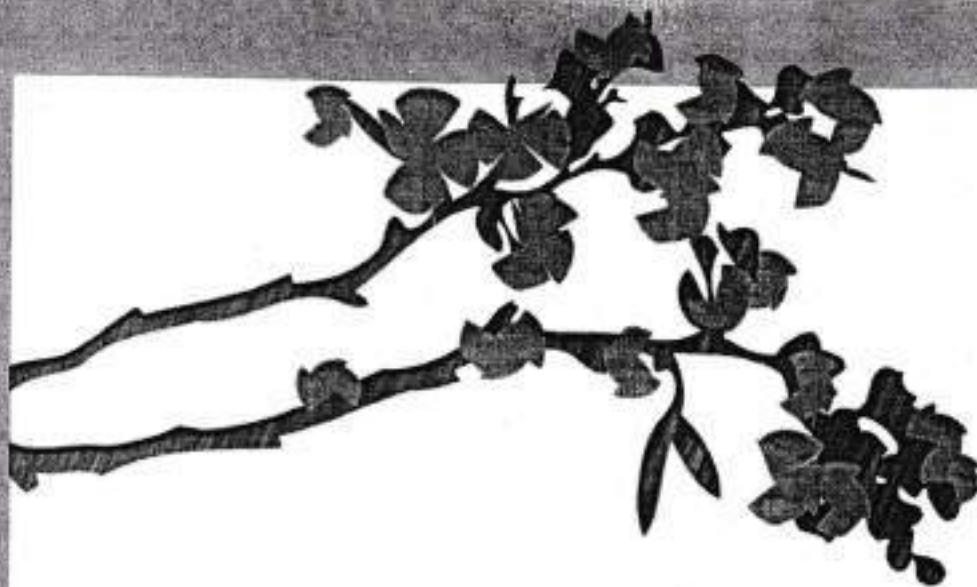
Experience more  
"A-Ha's" than you  
ever thought  
possible.

Exciting prices  
including future  
gadgets

## EVENT ORGANIZER:

DEPARTMENT OF ECE/EE  
& CSE

  
Principal  
R.P.S. College of Engg. & Tech  
Balana Mohindergarh (HR.)



# व्यKHYAN 2K18

## Invitation

**DATE : MARCH 19<sup>TH</sup> & 20<sup>TH</sup> ,2018**

**LOCATION: ENGINEERING BLOCK , RPSGOI**

व्यkhyan brings a Galore of Competition to all the Young, Dynamic and Talented Techies. It is a Platform for the Progressive Brains of our College to interact, compete and Display their Creativity and Talent. Current Trends and Future Visions for the industry will also be discussed with the Eminent Experts, professionals and academicians who will Participate in the Event.

We find our honor to invite all the interested students who wants to share their technical futuristic ideas through Technical Paper Presentation and Workshops.

**Event Theme: think.dream.live**



FOR MORE INFORMATION CONTACT: PROJECT LAB, DEPARTMENT OF ECE/EE  
FACULTY COORDINATOR: MR. PANKAJ SONI (9416282733), PANRITS232@GMAIL.COM  
STUDENT COORDINATOR: MR. DEEPAK KUMAR YADAV (9896292336), DEEPAK28YADAV98@GMAIL.COM

R.P.S College of Engg. & Tech  
Balana Mohindergarh (HR.)

REGD. NO. 1142/2011  
Date: 27-10-2018  
पत्र संसार नवल पत्र

श्री कर्मचारी केंद्र

9998888888  
9998888888

# Supreme Flex & Printing Press

हमारे बहाँ पर पलेक्सा, सीटी कार्ड, पत्रपत्रिका, विजिटिंग कार्ड, हेटर पैड, बिल बुक, स्टीकर पोस्टर आदि की Full HD छपाई की जाती है।

बालवाड़ा रोड, बालवाड़ा (123002)

नं. 79

दिनांक 27-10-2018

नाम श्री कर्मचारी केंद्र

पता बालवाड़ा रोड

क्रमांक	विवरण	कुल	रकम
1	Flexi Charges for 2018	690	690

नोट - डिवाइस का चार्ज करने के लिए यहाँ से जारी कोई लिपिका भी नहीं होगी।

प्रकाशक/आपक

Flexi Charges for  
"2018" 2018



*Signature*

*Signature*  
Principal

R.P.S. College of Engg. & Tech  
Balana Mohindergarh (HR.)

Shreyansh Kzo 15CV46  
Beet Plastic Pollution ✓  
I. Neeraj 17CV45  
Advancement in Concrete ✓

*[Signature]*



*[Signature]*  
Principal  
R.P.S. College of Engg. & Tech.  
Balana Mohindergath (HR.)

BCA 6th Sem

Bansi Yadav :- Smart work vs Hard work ✓ ✓

Shubham :- Job Satisfaction ✓ ✓

BCA 4th Sem

3. Sumit :- Customer Satisfaction ✓ ✓

4. Tanvira :- Grignat Model ✓ ✓

MBA 8th Sem

5. Manika :- Portrayal Strategy ✓

*[Signature]*



*[Signature]*  
Principal & Tech  
R.P.S. College of Engg. & Tech.  
Baliana Mohindergarh (H.R.)

4. ✓  
 { Rekha } 16EC26 ✓ IOT  
 { Sanjeev } 16EC29

5. ✓  
 { Aakansha } 16EC03 ✓ wearable  
 { Diphi } 16EC12 Technology

8 -

Presenting a technical poster presentation

He/she secured I<sup>st</sup>/II<sup>nd</sup>/III<sup>rd</sup> position

"24TKhyan2k18"



*[Signature]*

*[Signature]*  
Principal

R.P.S. College of Engg. & Tech  
 Balana Mohinderghar (HR.)

- 1) <sup>4th</sup> Nikki - Naveen Yadav [ CS - 1<sup>st</sup> Year ] ✓  
Artificial Intelligence
- 2) Ashish Aggarwal [ CS - 1<sup>st</sup> Year ] ✓  
House programming in C
- 3) <sup>5th</sup> Deepak Verisht [ CS - 2<sup>nd</sup> Year ] ✓  
Accident reduction on Airbag releasing
- 4) Abijot Bedi [ CS - 2<sup>nd</sup> Year ] ✓  
Abijot Student Life.
- 5) Manuvar Yadav [ CS - 2<sup>nd</sup> Year ] ✗  
Ethical Hacking
- 6) Prauendar Kumar [ CS - 1<sup>st</sup> Year ] ✗  
Social Network
- 7) Himanshu [ CS - 1<sup>st</sup> Year ] ✓  
16.5h Technology.
- 8) Shikhar [ 15CS4P ] ✓  
Internet Banking
- 9) Nitish - [ 16BCA18 ]  
Networking
- 10) Naveen [ 17CS38, ARRIL. ] ✓  
Internet

20/10/20  
20/10/20  
20/10/20



11) Nitish  
Networking  
It is used for  
sharing data

16BCA

digital audio work station

**N. Yadav**  
Principal  
R.P.S. College of Engg. & Tech  
Balana Mohindergarh (HR.)

45NXP

*[Handwritten Signature]*





# RAO PAHLAD SINGH COLLEGE OF ENGG. & TECH.

Approved by AICTE / Govt. of India & Affiliated to U.P.U., Meerut

Balana, Mohindergarh, Haryana - 123029

Telephone: 01285-241431 Fax: 241434

E-mail: rpsbalana@gmail.com, Website: www.rpsinstitutions.org

DATED: 23/3/2023

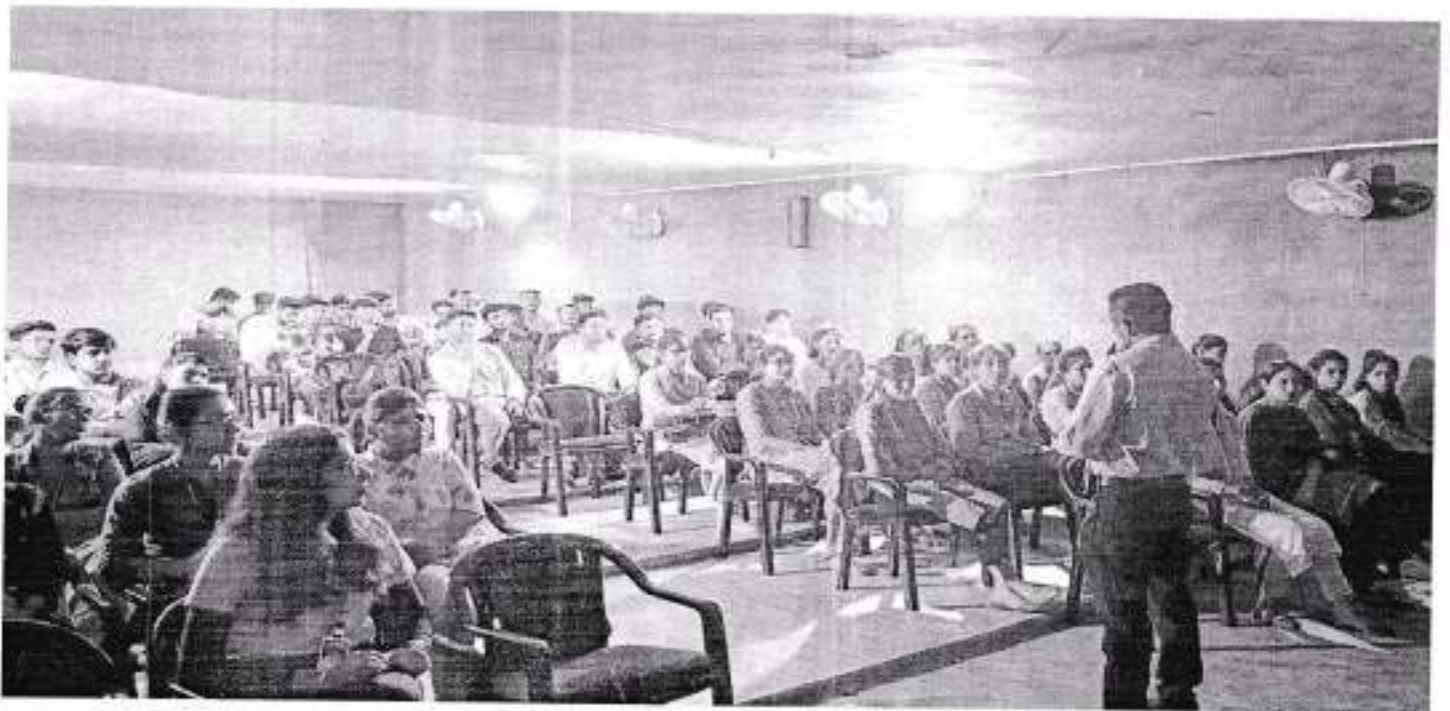
## DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

### REPORT

Department of Computer Science Engineering conducted a Expert Talk on Cloud Computing on 21/3/2023 . Speaker for the talk was Dr Benay Kumar Ray , Assistant Professor , Central University of Haryana.

Students of B.Tech 4<sup>th</sup> Sem / B.Tech 6th Sem attended the session and gained knowledge about the Cloud Computing field and its applications.

Session was very informative and interactive.



Interaction by Dr Benay Kumar Ray , Assistant Professor , Central University of Haryana

*Alpoda*  
Principal  
R.P.S. College of Engg. & Tech  
Balana Mohindergarh (HR.)



*Dr. Benay Kumar Ray*  
HOD (C.S.E. & B.Tech) RPS College  
of Engg. & Technology, Balana,  
Mahendergarh (Haryana)-123029

DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

Seminar on: Latest Trends in Cloud Computing , Dr Benay Kumar Ray( Date : 21/3/2023)

Attendance Sheet

S.No	Roll No	Name	Sign
1	20CS01	AJAY	Ajay
2	20CS02	AMAN	Amah
3	20CS03	ANKIT KUMAR	Ankit kumar
4	20CS07	ASHISH	Ashish.
5	20CS08	ASHISH	Ashish
6	20CS09	BHARTI	BHARTI
7	20CS10	BHAWANA SINGH	Bhawana Singh
8	20CS12	DEEPANSHU	Deepanshu.
9	20CS13	DEV SHARMA	Dev Sharma
10	20CS14	DEVNIDHI	Devnidhi
11	20CS15	DUSHYANT	Dushyant
12	20CS18	GOPESH	Gopesh
13	20CS19	GYANCHAND SHAR	Gyanchand shas
14	20CS20	HARISH	Harish
15	20CS21	HARSH	Harsh
16	20CS22	HIMANSHU	Himanshu
17	20CS24	HITESH	HITESH
18	20CS25	KAJAL	Kajal
19	20CS27	KALPANA	Kalpana
20	20CS28	KAMAL KANT	Kamal kant
21	20CS30	KAPIL KUMAR	Kapil kumar
22	20CS31	KAPIL SHARMA	Kapil Sharma
23	20CS32	KARAN SINGH	Karan Singh
24	20CS34	KHUSHI RAM	Khushi Ram
25	20CS35	KUNAL	Kunal
26	20CS36	LALIT KUMAR	Lalit
27	20CS37	MADHU	Madhu
28	20CS39	MAMTA	Mamta
29	20CS40	MANISHA	Manisha
30	20CS41	MANISHA	Manisha
31	20CS42	MANKESH	Mankesh
32	20CS44	MOHAMMAD JAID	Mohammad Jaid
33	20CS46	MONIKA	Monika
34	20CS49	NANDINEE SHAR	Nandinee Sharma
35	20CS50	NEERU	Neeru
36	20CS51	NEHA	Neha
37	20CS52	NIKHIL DHINDHWAL	Nikhil Dhindhwal
38	20CS53	PANKAJ	PANKAJ
39	20CS58	PARVEEN KUMAR	Parveen kumar



*(Signature)*  
Principal

R.P.S. College of Engg. & Tech  
Balana Mohindergarh (HR.)

40	20CS59	POOJA	Pooja
41	20CS60	PREETI	Preeti
42	20CS63	RAJEEV YADAV	Rajeev Yadav
43	20CS65	RENU	Renu
44	20CS66	RITESH YADAV	Ritesh Yadav
45	20CS67	RITIK DHILLON	Ritik Dhillon
46	20CS69	SACHIN	Sachin
47	20CS70	SAHIL	Sahil
48	20CS72	SATISH	Satish
49	20CS73	SONAM	Sonam
50	20CS74	SUMIT KUMAR	Sumit
51	20CS76	SUNNY	Sunny
52	20CS77	TINKU YADAV	Tinku Yadav
53	20CS78	TUSHAR	Tushar
54	20CS79	VAIBHAV KAUSHIK	Vaibhav Kaushik
55	20CS80	VILAKSHAN MUDGAL	Vilakshan Mudgal
56	20CS81	VIPIN SHARMA	Vipin
57	20CS83	YOGESH KUMAR	Yogesh Kumar
58	20CS85	RAHUL	Rahul
59	20CS88	PRIYANSHU	Priyanshu
60	20CS89	MANISH	Manish
61	20CS90	NITESH KUMAR	Nitesh Kumar
62	20CS91	VAIBHAV	Vaibhav
63	20CS92	ANKIT	Ankit
64	20CS93	MINAKSHI	Minakshi
65	20CS94	ANURAG SAINI	Anurag Saini
66	20CS99	SACHIN	Sachin
67	20CS100	MAHAK	Mahak



  
 Principal  
 R.P.S. College of Engg. & Tech  
 Balana Mohindergarh (HR.)











ACTIVITIES ORGANIZED

<p>16/6/2021</p>	<p>SEMINAR</p>	
<p>6/12/2021</p>	<p>SEMINAR</p>	
<p>5/1/2022</p>	<p>SEMINAR</p>	
<p>8/2/2022</p>	<p>SEMINAR</p>	



*Principal*  
R.P.S College of Engg. & Tech  
Balana Mohindergarh (HR.)

*[Signature]*  
HOD (C.S.E. & B.C.A.) RPS College  
of Engg. & Technology, Balana,  
Mahendergarh (Haryana)-1230122

30/11/2022	SEMINAR	  <p><b>Session on ENTREPRENEURSHIP</b> A Key to Atmanirbhar Bharat</p> <p>Date: 30<sup>th</sup> November, 2022 11:00 AM - 12:00 Noon</p>  <p><b>Mr. Om Sharma</b> Executive Director Director IIT</p> <p>Venue: Seminar Hall, RPSGDI, Balana M.Garh.</p>
5/12/2022	SEMINAR	  <p><b>Seminar on Career Planning &amp; Opportunities for Engineers</b></p> <p>1:30 PM 5<sup>th</sup> December 2022</p>  <p>Resource Person <b>Dr. Deepak Dandia</b> Professor, School of IT, JSSD Solan, Himachal Pradesh</p> <p>Venue: Central Seminar Hall, RPS GOI</p>
16/1/2023	WORKSHOP	 <p>Online One Day International workshop on <b>MACHINE LEARNING</b> (Hands on Training &amp; Project)</p> <p>Date: 16<sup>th</sup> January 2023 (10:00 AM to 05:00 PM)</p> <p><b>Who can attend</b></p> <ul style="list-style-type: none"> <li>• Research Scholar</li> <li>• Academician</li> <li>• Students</li> </ul> <p>Registration Link: <a href="https://bit.ly/RPSarajal">https://bit.ly/RPSarajal</a></p> <p>Organizer: <b>RPS GROUP OF INSTITUTIONS</b></p>
21/3/2023	SEMINAR	  <p>Department of Computer Science &amp; Engineering Organizes</p> <p>Expert Talk on <b>CLOUD COMPUTING</b></p> <p>Resource Person <b>Dr. Boney Kumar Ray</b> Assistant Professor, Central University of Haryana</p>  <p>Venue: Seminar Hall, RPS CET, Balana M.Garh.</p> <p>Date: Tuesday, 21<sup>st</sup> March 2023</p> <p>Dr. B. Meenakshi Baiju, Mohinder Garh, Haryana</p>



*Principal*  
Principal  
R.P.S. College of Engg. & Tech  
Balana Mohindergarh (HR.)

*Dr. Boney Kumar Ray*  
HOD (C.S.E. & B.C.A.) RPS College  
of Engg. & Technology, Balana  
Mahendergarh (Haryana)-123



## RAO PAHLAD SINGH COLLEGE OF ENGG. & TECH.

Approved by AICTE / Govt. of India & Affiliated to I.G.U., Meerpur

Balana, Mohindergerh, Haryana - 123029

Telephone: 01285-241431 Fax: 241434

E-mail: rpsbalana@gmail.com, Website: www.rpsinstitutions.org

### Department of Computer Science & Engineering

Dated: 04/06/2022

#### Notice

All the students of B.Tech 6<sup>th</sup> Semester and BCA 6<sup>th</sup> Semester are informed that department has decided to organize a 3-days workshop on PYTHON PROGRAMMING from 06/06/2022 to 08/06/2022 by LIVEWIRE Training Services Pvt. Ltd. Therefore all the students are required to attend the same.



  
4/6/22  
Head of Department  
HOD (C.S.E. & B.C.A.) RPS College  
of Engg. & Technology, Balana,  
Mahendergarh (Haryana)-123029

  
Principal  
R.P.S. College of Engg. & Tech  
Balana Mohindergerh (HR.)

# LIVEWIRE™

FOR LIVE CAREERS

LIVEWIRE – A Division of CADD Centre Training Services Pvt Ltd, is an approved Skill Development Partner of National Skill Development Corporation (NSDC).

LIVEWIRE promotes a unique combination of technologies that are specific to **IT, Computer science, Electronics & Electrical departments.**

LIVEWIRE deal with Emerging technologies like **Data science, Machine Learning, IoT, Artificial Intelligence, Blockchain, Full Stack Developer, Cyber security, Automotive Embedded system** and many more.

LIVEWIRE is present in more than **100 locations** in India and over **7 countries.**

LIVEWIRE credential includes its affiliation like NSDC, STED Council, MSME, ISO (9001:2015 & 29990:2010), NIELIT, AXELOS, Oracle, CompTIA, Blockchain Council etc.

LIVEWIRE works closely with more than **1000 colleges in India as a technology partner** in equipping students beyond their academics and also with few corporate clients for their training requirements.

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Balana Mohindergarh (H.R.)



# PYTHON WORKSHOP



*Rajyada*  
Principal

R.P.S. College of Engg. & Tech  
Balana Mohindergarh (HR.)





**Gadgarwas, Haryana, India**

720V+246, Gadgarwas, Haryana  
123029, India

lat: 31.54977/long: 74.3436

Date: 08/06/2022 - 09:00:39, 99°C



**Gadgarwas, Haryana, India**

720V+246, Gadgarwas, Haryana  
123029, India

lat: 31.54977/long: 74.3436

Date: 08/06/2022 - 09:00:39, 99°C



*Nayadan*  
Principal

R.P.S. College of Engg. & Tech  
Balana Mohinderghar (HR.)



*Principal*  
Principal

**RPS GROUP OF INSTITUTIONS**  
**BALANA, MGarh, HR**  
Attendance Sheet

Event:.....Python...Workshop.....Date:..6..6..22

Roll No.	Signature	Roll No.	Signature
19BCA05	Babli	19CS54	Vinay
19BCA42	Yogita	19CS52	Vaidic Singh
19BCA45	Ricu	19CS19	Tanish
19BCA37	Sheetal	19CS59	
19BCA017	manjira	19CS57	Vishal
19BCA04	Amishg	19CS39	Rishi
19BCA08	Diksha	19CS07	Atul
19BCA24	Payal	19CS08	Atul
19BCA18	Meera	19CS49	Tarun
19CS24	Nidhi	19CS50	Tilak
19CS48	Swati	19CS26	Shas
19CS37	Renu	19CS16	Chel
19CS38	Rinki	19CS17	Kopool
19CS44	Pransha	19CS53	Shomey
19CS05	Arun	19CS51	Ujwal
19CS32	Pary	19CS25	Nish
19CS23	Neeraj	19CS35	Tej
19CS15	Kapil		
19CS22	mohit		



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 Balana Mohindergarh (HR.)

# RPS GROUP OF INSTITUTIONS BALANA, MGarh, HR

## Attendance Sheet

Event: ... Python ... Workshop ..... Date: ... 6-6-2022

Roll No.	Signature	Roll No.	Signature
19CS04	Anubhav	19CS26	Mihel
19CS45	Sulozal	19CS35	Ravi
19CS29	Pradeep	19CS27	Piyush
19CS07	Atul	19CS40	Rohit
19BCA25	Prasanth	19CS18	Monish
19BCA32	Ravi Indar	19CS29	Pradeep
19BCA47	Himanshu		
19BCA09	Hari		
19BCA47	Sumita		
19BCA24	Mandeep		
19BCA04	Ashun		
19BCA36	Sourabh		
19BCA02	Amit		
19BCA06	BHAGHAT		
19BCA15	KUNAL		
19BCA34	ROHIT		
19BCA22	Pragmeet		
19CS60	Rahul		
19CS30	Prince		



  
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 R.P.S. College of Engg. & Tech  
 Balana Mohindergarh (HR.)

# RPS GROUP OF INSTITUTIONS


## BALANA, MGarh, HR

### Attendance Sheet

Event: .. Python .. workshop ..... Date: .. 7 .. 6 .. 22

Roll No.	Signature	Roll No.	Signature
19CS23	Neeraj	19CS25	Nitish
19CS15	Kapil	19CS07	Ashish
19CS35	Ravi	19CS17	Karan Yadav
19CS33	Vikas	19CS54	Vinay
19CS52	Vedika		
19CS51	Lijwal		
19CS29	Prateek		
19CS13	Himanshu		
19CS45	Ashish		
19CS56	Vishal		
19CS40	Rohit		
19CS27	Piyush		
19CS18	Monish		
19CS04	Anobhav Aggarwal		
19BCA36	Saurabh		
19BCA04	Ashish		
19BCA15	Kunal		
19CS42	Sahil		
20CS60	Rahul		



  
 R.P.S. College of Engg. & Tech  
 Balana Mohindergarh (HR.)

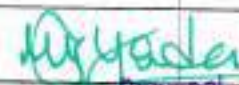
# RPS GROUP OF INSTITUTIONS BALANA, MGarh, HR

## Attendance Sheet

Event: ... Python ... workshop ..... Date: ... 07 / 06 / 22

Roll No.	Signature	Roll No.	Signature
19BCA47	Hiran shree		
19BCA02	Ankit Yadav		
19BCA06	Bhagat Singh		
19BCA34	Rohit Yadav		
19BCA05	Babli		
19BCA37	Sheetal		
19CS24	Nidhi		
19CS48	Swati		
19CS38	Pinki		
19CS37	<del>Abhi</del>		
19CS44	Santosh		
19C805	Archi		
19CS32	Radhika		
19BCA17	Manju		
19BCA45	Ritu		
19BCA34	Sonia		



  
 Principal  
 R.P.S. College of Engg. & Tech  
 Balana Mohindergarh (HR.)

# RPS GROUP OF INSTITUTIONS BALANA, MGarh, HR

## Attendance Sheet

Event: ... Py. th. on. ... Workshop ... Date: 8-6-2022

Roll No.	Signature	Roll No.	Signature
19BCA9	Mori	19BCA42	Xogita
19BLA46	Sumit	19BCA39	Soniya
19BCA32	Rohit	19BCA18	Mura
19CS53	Vikas	19BCA08	Dilekha
19CS30	Prince	19BCA24	Payal
19CS17	Kapil	19BCA02	Ankit Yadav
19CS04	Anubhav Aggarwal	19BCA06	Bhajat Singh
19CS09	Akshay	19BCA34	Rohit Yadav
19CS29	Prateek	19BCA22	Pareemjeet
19BCA31	Saurabh	19BCA25	Prashant
19BCA04	Aerish	19CS35	Ravi
19BCA16	Mansha	19CS16	Kapil
19BCA15	Kunal	19CS33	Vikas
19BLA03	Ankul	19CS18	Manish
19BLA29	Rahul	19CS40	Rohit
19BCA37	Sheetal	19CS27	Piyush
19BCA17	Manya		
19BCA45	Ritu		
19BCA01	Amisha		

(35)

**RPS GROUP OF INSTITUTIONS**  
**BALANA, MGarh, HR**  
Attendance Sheet

Event:..Python..Workshop.....Date:..8..6..2022

Roll No.	Signature	Roll No.	Signature
19CS45		19BCA15	
19CS39	Rishi	19CS10	Chanderhansh
19CS57	Rohal	20CS60	Rahul
19CS19	<del>Rohal</del>	19CS26	
19CS59		19CS07	Achal
19CS38	Rinki	19CS17	Kabir
19CS24	Nidhi	19CS22	<u>Mohit</u>
19CS37		19CS25	Nikhil
19CS48	Swati	19CS54	Vinay
19CS05		19CS22	Mohit
19CS32	Radhika	19CS58	Vishal
19BCA05	Babli	19CS50	Pooja
19BCA14	Umar	19CS55	Vaidic Singh
19BCA47		<del>19CS55</del>	<del>Signature</del>
19CS23	Neeraj	19CS49	Tanvi
19CS15	Kapil	19CS41	Garima
<del>19CS15</del>	<del>Signature</del>	19CS56	Vishal
<del>19CS15</del>	<del>Signature</del>	19CS13	himanshu
<del>19CS15</del>	<del>Signature</del>		

(33)

Principal  
 R.P.S. College of Engg. & Tech  
 Balana Mohindergarh (HR.)





**RPS**  
**GROUP OF INSTITUTIONS**  
Under the aegis of RPS Education Society, M/Garh

Organises webinar on  
**Importance of Data  
Visualization Tools  
and Techniques**

on 08<sup>th</sup> February 2022  
(Tuesday), 02:00 PM (IST)



(a Live session through  
**ZOOM Meeting App**)

**Dr. Madhulika Bhatia**

Associate Professor,  
Amity School of Engineering and Technology  
Department of Computer Science and Engineering  
Amity University, Noida



HOD (C.S.E. & B.C.A.) RPS College  
of Engg. & Technology, Balana,  
Mahendragarh (Haryana-123101)

*[Handwritten Signature]*  
Principal

R.P.S College of Engg. & Tech  
Balana Mohindergarh (HR.)

**Department of Computer Science and Engineering, NITTTR, Chandigarh**  
**Time Table for STC on Machine Learning using Python**  
**from 28.03.2022 TO 01.04.2022 (ICT-177)**

Day	9:30 a.m. to 11 a.m.	11:30 a.m. - 1:00 p.m.	1:00 p.m. - 2:00 p.m.	2:30 p.m.- 4:00 p.m.
28.03.2022 (Monday)	Overview of Machine Learning (Er. Shano Solanki)	Introduction to Linear Regression with One Variable (Dr. Mahipal Jadeja)	<b>L U N C H B R E A K</b>	Multivariate Linear Regression (Dr. Mahipal Jadeja)
29.03.2022 (Tuesday)	Overview of types of clustering, DBSCAN and EM Algorithm for clustering (Dr. Sarbjeet Singh)	Dimensionality Reduction using PCA (Dr. Sarbjeet Singh)		Python Data Structures and File Handling (Er. Shano Solanki)
30.03.2022 (Wednesday)	Heart Attack Prediction using Logistic Regression (Shruti Wadhwa)	Pneumonia Detection using SVM (Shruti Wadhwa)		Python for Data Visualization (Er. Shano Solanki)
31.03.2022 (Thursday)	Ensembled Learning Techniques (Dr. Gaurav Kumar)	Movie Rating Prediction using Collaborative Filtering and Low Rank Matrix Factorization (Dr. Gaurav Kumar)		Practice Session  (Er. Shano Solanki)
01.04.2022 (Friday)	Crop Recommendation using Random Forest (Shruti Wadhwa)	Intrusion Detection Using K-Nearest Neighbor (Shruti Wadhwa)		Quiz, Feedback and Evaluation (Er. Shano Solanki)

Course Coordinator: Er. Shano Solanki, Associate Prof., CSE

Outside Experts: Dr. Sarbjeet Singh, Professor CSE, UIET, Chandigarh

Dr. Mahipal Jadeja, Assistant Professor, MNIT, Jaipur

Dr. Gaurav Kumar, Magna Research and Consultancy Limited, Ambala

Shruti Wadhwa Khatri, Director, Hash Logic Infosec Pvt. Ltd., Chandigarh

  
Head of Department



  
Principal  
R.P.S. College of Engg. & Tech  
Balana Mohindergarh (HR.)



# RAO PAHLAD SINGH COLLEGE OF ENGG. & TECH.

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Balana, Mohindergarh, Haryana - 123029

Telephone: 01285-241431 Fax: 241434

E-mail: rpsbalana@gmail.com, Website: www.rpsinstitutions.org

Ref: RPS CET/CSE/2021-22/07

22<sup>nd</sup> March, 2022


## NOTICE

This is pleased to inform you all that Computer Science and Engineering Department is going to organise an online short term Course/FDP associated with National Institute of Technical Teachers Training & Research (NITTTR) Chandigarh on "Machine Learning using python through ICT" from 28<sup>th</sup> March to 1<sup>st</sup> April, 2022. There will be three sessions per day. All lectures/Sessions will be delivered by NITTTR Chandigarh in online/ICT mode.

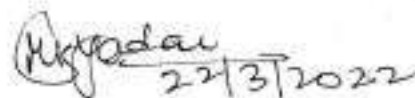
All faculties/staffs from CSE, ECE & ME departments are requested to attend.

### Highlights of FDP

- ❖ Venue of FDP is Lab 5 (Computer Science & Engineering Dep.)
- ❖ There will be three sessions per day
- ❖ FDP will be free of charge
- ❖ 80% attendance is compulsory to attend quiz to get certificate.
- ❖ Qualifying min. marks is 40%. for certificate
- ❖ Hand on practice session will be arranged for all simultaneously.

  
HOD



  
22/3/2022  
DIRECTOR

Cc:

1. Dean, RPS CET
2. Registrar
3. HODs of CSE/ECE/ME to circulate in staffs/Faculties
4. Remote centre local coordinator

  
Principal  
R.P.S College of Engg. & Tech  
Balana Mohindergarh (HR.)



# RAO PAHLAD SINGH GROUP OF INSTITUTIONS

(Engineering, Management)

Approved by AICTE/Govt. of India & Affiliated to I.G.U., Meerpur (Rewari)

Balana, Mohindergarh, Haryana - 123029

Contact No. : 01285-241431, Fax : 01285-241434

Email : rpsbalana@gmail.com ; Website : www.rpsinstitutions.org

Ref. No. RPSGOI/2022/1153

Dated 08-02-2021

To,

Dr. Madhulika Bhatia  
Associate Professor in CSE  
Amity University, Noida.  
U.P.

Subject:- Conduct of Expert Lecture on Importance of Data Visualization Tools & Techniques

Sir,

It is to convey my sincere thanks for accepting our request and delivering expert lecture on 'Importance of Data Visualization Tools & Techniques' at 02:00 p.m. onwards on 8<sup>th</sup> February 2022. The lecture was highly informative and attended by the students of BCA and B.Tech. All the faculty members and the students have appreciated the lecture and this has enhanced the knowledge of the students and the faculty.

We shall look forward for your support and co-operation in future.

Dr. Mahesh K. Yadav

Director

Copy to:- HoD (CSE)



Principal  
R.P.S. College of Engg. & Tech  
Balana Mohindergarh (HR)



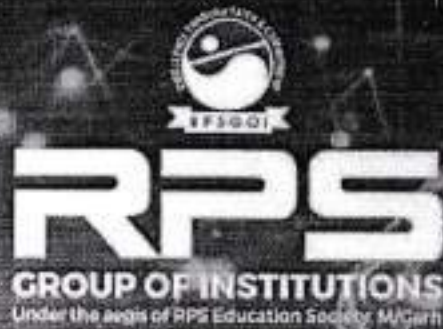
**Certificate Printing details of officials**  
**One Week Short Term Course on**  
**Machine Learning Using Python**  
**(Online Mode)**  
**(From 28/03/2022 to 01/04/2022)**  
**OPlan No. ICT-177**

**Organized by CSE Department, NITTTR Chandigarh**  
**Name of Remote Centre: RPS COLLEGE OF ENGINEERING AND TECHNOLOGY,**  
**BALANA, MGARH**

SNO.	Title	Name of official (in capital) Ordered as per the attendance sheet)	Name of the College
1	Mr.	AJAY KUMAR	RPS COLLEGE OF ENGINEERING AND TECHNOLOGY
2	Mr.	ANIL KUMAR	RPS COLLEGE OF ENGINEERING AND TECHNOLOGY
3	Mr.	ANIL PUNIA	RPS COLLEGE OF ENGINEERING AND TECHNOLOGY
4	Mr.	ANURAG MANDAIYA	RPS COLLEGE OF ENGINEERING AND TECHNOLOGY
5	Ms.	ARCHANA SHAHOO	RPS DEGREE COLLEGE , BALANA, MGARH
6	Mr.	DHARAMBIR	RPS COLLEGE OF ENGINEERING AND TECHNOLOGY
7	Mr.	DINESH KUMAR YADAV	RPS COLLEGE OF ENGINEERING AND TECHNOLOGY
8	Mr.	GAJANAND	RPS COLLEGE OF ENGINEERING AND TECHNOLOGY
9	Ms.	GEETANJALI GANDHI	RPS COLLEGE OF ENGINEERING AND TECHNOLOGY
10	Dr	GUNDEEP TANWAR	RPS COLLEGE OF ENGINEERING AND TECHNOLOGY
11	Dr	JITENDRA KUMAR	RPS DEGREE COLLEGE , BALANA, MGARH
12	Dr	JYOTI YADAV	RPS DEGREE COLLEGE , BALANA, MGARH
13	Mr.	KARAMBIR	RPS COLLEGE OF ENGINEERING AND TECHNOLOGY
14	Mr.	MANISH KAUSHIK	RPS COLLEGE OF ENGINEERING AND TECHNOLOGY
15	Mr.	NITIN KUMAR	RPS COLLEGE OF ENGINEERING AND TECHNOLOGY
16	Ms.	PARIDHI TUTLANI	RPS COLLEGE OF ENGINEERING AND TECHNOLOGY
17	Mr.	PRAVEEN	RPS DEGREE COLLEGE , BALANA, MGARH
18	Dr	PRITI MARATHA	RPS DEGREE COLLEGE , BALANA, MGARH
19	Ms.	PRIYA	RPS DEGREE COLLEGE , BALANA, MGARH
20	Mr.	RAJIV	RPS COLLEGE OF ENGINEERING AND TECHNOLOGY
21	Mr.	RAJNISH SHARMA	RPS COLLEGE OF ENGINEERING AND TECHNOLOGY
22	Ms.	REETU	RPS COLLEGE OF ENGINEERING AND TECHNOLOGY
23	Mr.	SACHIN	RPS DEGREE COLLEGE , BALANA, MGARH
24	Mr.	SACHIN KUMAR	RPS COLLEGE OF ENGINEERING AND TECHNOLOGY
25	Mr.	SANDEEP	RPS COLLEGE OF ENGINEERING AND TECHNOLOGY
26	Mr.	SANDEEP KUMAR	RPS COLLEGE OF ENGINEERING AND TECHNOLOGY
27	Ms.	SANGEETA	CENTRAL UNIVERSITY OF HARYANA
28	Ms.	SARITA KUMARI	RPS COLLEGE OF ENGINEERING AND TECHNOLOGY
29	Mr.	SAROJ KUMAR GUPTA	RPS COLLEGE OF ENGINEERING AND TECHNOLOGY
30	Mr.	SUNNY MISRA	RPS COLLEGE OF ENGINEERING AND TECHNOLOGY
31	Ms.	VANDANA ARORA	RPS COLLEGE OF ENGINEERING AND TECHNOLOGY
32	Mr.	VATAN	RPS COLLEGE OF ENGINEERING AND TECHNOLOGY
33	Mr.	VIPIN KUMAR	RPS COLLEGE OF ENGINEERING AND TECHNOLOGY
34	Mr.	VISHAL MITTAL	RPS COLLEGE OF ENGINEERING AND TECHNOLOGY



*(Signature)*  
 Principal  
 R.P.S. College of Engg. & Tech  
 Balana Mohindergarh (HR.)



# DAY 5



Department of Computer  
Science & Engineering  
Organises FDP on

## Machine Learning using Python through ICT

from 28<sup>th</sup> March - 1<sup>st</sup> April, 2022

Delivered by  
**NITTTR Chandigarh** in Online/ICT Mode

For More Information Contact:  
**Saroj Kumar Gupta** (Center Coordinator)  
Assistant Professor (CSE): 8512878482



  
Principal  
R.P.S. College of Engg. & Tech  
Balana Mohindergarh (HR.)

# आरपीएस में साप्ताहिक फैकेल्टी डेवलपमेंट प्रोग्राम शुरू

■ नए युग में बढ़ती तकनीक के साथ विद्यार्थियों को जोड़ने की जरूरत

## हरिकृष्ण न्यूज | महेंद्रगढ़

आरपीएस ईन्ज. कॉलेज बलाना में सात दिवसीय फैकेल्टी डेवलपमेंट कार्यक्रम का शुभारम्भ बुधवार सुबह 10 बजे हुआ। इसमें कॉलेज डायरेक्टर डा. महेश यादव, रजिस्ट्रार डा. देवेंद्र यादव, डीन प्रो. राजेंद्र सिंह यादव व सभी शिक्षकगण उपस्थित थे। कार्यक्रम का शुभारम्भ मा. महेश्वरी के द्वारा प्रचलन से शुरू हुआ। कार्यक्रम



में मा. महेश्वरी ने कहा कि कॉलेज के सभी विभागों में मा. रजिस्ट्रार, डायरेक्टर, प्रो. राजेंद्र सिंह यादव, डीन प्रो. राजेंद्र सिंह यादव व सभी शिक्षकगण उपस्थित थे। कार्यक्रम का शुभारम्भ मा. महेश्वरी के द्वारा प्रचलन से शुरू हुआ। कार्यक्रम

उनके सही लक्ष्य तक पहुंचाने के लिए अपने-अपने विचार प्रस्तुत किए गए। यह कार्यक्रम नीटर विध्वविद्यालय के द्वारा शुरू हुआ। कॉलेज डायरेक्टर डा. महेश यादव ने बताया कि आज के समय में विद्यार्थियों को सही दिशा-निर्देश करके उन्हें लक्ष्य तक पहुंचाया जा सकता है। कॉलेज रजिस्ट्रार डा. देवेंद्र यादव ने बताया कि आज हमें विद्यार्थियों के लिए विशेष शोध की आवश्यकता है। नए युग में बढ़ती तकनीक के साथ-साथ विद्यार्थियों को नई तकनीक से जोड़ने की सख्त जरूरत है।



*M. Singh*

Principal  
R.P.S. College of Engg. & Tech  
Balana Mohindergam (HR.)



**National Institute of Technical Teachers  
Training and Research, Chandigarh**

MINISTRY OF EDUCATION, GOVERNMENT OF INDIA

**Certificate**

*This is to certify that*

**SARITA KUMARI**

RPS COLLEGE OF ENGINEERING & TECHNOLOGY,  
MAHENDRAGARH (HARYANA)

*Participated in AICTE recognized Short Term Course  
on*

**Machine Learning using Python  
through ICT**

*conducted by*

**Computer Science and Engineering  
Department**

*from*

**28.03.2022 to 01.04.2022 (One Week)**

*at*

**RPS College of Engineering & Technology,  
Mahendragarh (Haryana)**

Coordinator

Director

R.P.S. College of Engg. & Tech  
Balana Mohindergarh (HR.)





**National Institute of Technical Teachers  
Training and Research, Chandigarh**

MINISTRY OF EDUCATION, GOVERNMENT OF INDIA

**Certificate**

*This is to certify that*

**Dr. GUNDEEP TANWAR**

RPS COLLEGE OF ENGINEERING & TECHNOLOGY,  
MAHENDRAGARH (HARYANA)

*Participated in AICTE recognized Short Term Course*

*on*

**Machine Learning using Python  
through ICT**

*conducted by*

**Computer Science and Engineering  
Department**

*from*

**28.03.2022 to 01.04.2022 (One Week)**

*at*

**RPS College of Engineering & Technology,  
Mahendragarh (Haryana)**

Coordinator

Director

Principal  
R.P.S. College of Engg. & Tech  
Balana Mohindergarh (HR.)





**National Institute of Technical Teachers  
Training and Research, Chandigarh**

MINISTRY OF EDUCATION, GOVERNMENT OF INDIA

**Certificate**

*This is to certify that*

**GEETANJALI GANDHI**

RPS COLLEGE OF ENGINEERING & TECHNOLOGY,  
MAHENDRAGARH (HARYANA)

*Participated in AICTE recognized Short Term Course*

*on*

**Machine Learning using Python  
through ICT**

*conducted by*

**Computer Science and Engineering  
Department**

*from*

**28.03.2022 to 01.04.2022 (One Week)**

*at*

**RPS College of Engineering & Technology,  
Mahendragarh (Haryana)**

Coordinator

Director

Principal

RPS College of Engg. & Tech  
Balana Mahendragarh (HR.)





**National Institute of Technical Teachers  
Training and Research, Chandigarh**

MINISTRY OF EDUCATION, GOVERNMENT OF INDIA

**Certificate**

*This is to certify that*

**AJAY KUMAR**

RPS COLLEGE OF ENGINEERING & TECHNOLOGY,  
MAHENDRAGARH (HARYANA)

*Participated in AICTE recognized Short Term Course  
on*

**Machine Learning using Python  
through ICT**

*conducted by*

**Computer Science and Engineering  
Department**

*from*

**28.03.2022 to 01.04.2022 (One Week)**

*at*

**RPS College of Engineering & Technology,  
Mahendragarh (Haryana)**



Coordinator

Director

Principal

R.P.S. College of Engg. & Tech  
Balana Mohindergarh (HR.)



# RAO PAHLAD SINGH COLLEGE OF ENGG. & TECH.

Approved by AICTE, Govt. of India & Affiliated to U.G.C., Haryana

Balana, Mohindergarh, Haryana - 123029

Telephone: 01285-241431 Fax: 241431

E-mail: rpsbalana@gmail.com, Website: www.rpsinstitutions.org

DATED: 26/2/2020

## DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

### REPORT

Department of Computer Science Engineering conducted a Seminar on Edge Technology and Business Intelligence on 25/2/2020. Speaker for the session was Mr Aman Bakshi, IBM Gurugram.

Students of B.Tech 6<sup>th</sup> sem / B.Tech 4<sup>th</sup> Sem attended the session and interacted with the speaker regarding trending technologies.

Session was very informative and interactive.



Interaction by Mr Aman Bakshi, IBM



Head of Department  
HOD (C.S.E. & B.C.A.) RPS College  
of Engg. & Technology, Balana,  
Mahendergarh (Haryana)-123...

Principal  
R.P.S. College of Engg. & Tech  
Balana Mohindergarh (HR.)

DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

Seminar on Edge Technology and Business Intelligence by Mr Aman Bakshi , IBM ( Date : 25/2/2020)

Attendance Sheet

S.No	Roll No	Name	Sign
1	18CS01	ABHAY SINGH	Abhay
2	18CS02	ABHISHEK	Abhishek
3	18CS10	ARZOO	Arzoo
4	18CS12	ASHISH SAINI	Ashish
5	18CS14	BALJIT SINGH	Baljit
6	18CS21	HARISH AGGARWAL	Harish
7	18CS27	MADHU	Madhu
8	18CS31	MAYANK YADAV	Mayank
9	18CS32	MOHIT	Mohit
10	18CS33	MOHIT	Mohit
11	18CS39	NIKITA	Nikita
12	18CS42	PINKI	Pinki
13	18CS44	POOJA	Pooja
14	18CS45	POONAM	Poonam
15	18CS46	RAHUL	Rahul
16	18CS47	RAHUL KUMAR	Rahul
17	18CS52	SAHIL GUPTA	Sahil
18	18CS53	SHASHIKANT	Shashikant
19	18CS54	SHUBHAM BATWAL	Shubham
20	18CS58	VIKAS YADAV	Vikas
21	18CS59	VIKAS KUMAR	Vikash
22	18CS60	YOGESH	Yogesh
23	18CS63	YOGITA	Yogita
24	18CS65	DEVENDER	devender
25	L19CS68	SHUBHLATA	Shubhlata
26	17CS01	AAYUSH VERMA	Aayush
27	17CS03	ABHISHEK TANWAR	Abhishek
28	17CS04	ADITYA YADAV	Aditya
29	17CS05	AKHIL YADAV	Akhil
30	17CS07	AMIT KUMAR	Amit
31	17CS08	ANKIT KUMAR	Ankit
32	17CS09	ANKUR VERMA	Ankur
33	17CS10	ASHISH	Ashish
34	17CS11	ASHISH KUMAR	Ashish
35	17CS13	BHAGWANTI	Bhagwanti
36	17CS14	BHARTI	Bharti
37	17CS16	BHUPENDER	Bhupender
38	17CS17	DEEPAK	Deepak
39	17CS19	DIPANSHU	Dipanshu



*(Signature)*  
Principal

R.P.S. College of Engg. & Tech  
Balana Mohindergarh (HR.)

40	17CS20	GAJENDER	Gajender
41	17CS21	GAURAV SHARMA	Gaurav
42	17CS22	HANSRAJ	Hansraj
43	17CS23	HEMANT	Hemant
44	17CS24	HIMANSHU	Himanshu
45	17CS25	HIMANSHU YADAV	Himanshu Yadav
46	17CS27	KARTIK	Kartik
47	17CS28	KAVITA	Kavita
48	17CS31	KULDEEP KUMAR	Kuldeep
49	17CS32	KUNAL VERMA	Kunal verma
50	17CS33	MANISH	Manish
51	17CS34	MOHIT KUMAR	Mohit kumar
52	17CS36	NARESH KUMAR	Naresh
53	17CS37	NAVEEN	Naveen
54	17CS38	NAVEEN	Naveen
55	17CS39	NAVEEN KUMAR	Naveen Kumar
56	17CS40	NAVEEN KUMAR	Naveen
57	17CS42	NEHA	Neeta
58	17CS43	NEHA	Neeta
59	17CS44	NICKY GUPTA	Nicky
60	17CS45	PARAS KUMAR	Paras
61	17CS46	PINKI	Pinki
62	17CS47	POOJA	Pooja
63	17CS48	PRAVINDER KUMAR	Pravinder
64	17CS49	PREET KUMAR	Preet
65	17CS51	PRIYA	Priya
66	17CS53	RAJESH	Rajesh
67	17CS54	RAVINDER KUMAR	Ravinder
68	17CS55	REETU KUMARI	Reetu
69	17CS57	ROHTASH	Rohitash
70	17CS58	RUPAK	Rupak
71	17CS59	SACHIN	Sachin
72	17CS60	SACHIN	Sachin
73	17CS62	SAHIL	Sahil
74	17CS63	SAHIL	Sahil
75	17CS64	SANCHIT KUMAR	Sanchit
76	17CS66	SOMBIR	Sombir
77	17CS87	SOURAV	Sourav
78	17CS88	SUMIT CHAHAR	Sumit
79	17CS70	VINAY KUMAR	Vinay
80	17CS73	VISHAL KUMAR	Vishal
81	17CS74	YOGESH KUMAR	Yogesh
82	17CS75	NARENDER	Narender



K. K. Yadav  
Principal

R.P.S. College of Engg. & Tech  
Balana Mohindergarh (HR.)



# RAO PAHLAD SINGH COLLEGE OF ENGG. & TECH.

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E-mail: rpsbalana@gmail.com, Website: www.rpsinstitutions.org

DATED: 15/2/2020

## DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

### REPORT

Department of Computer Science Engineering conducted a Expert Talk on BlockChain Technology on 13/2/2020 .  
Speaker for the talk was Dr Amit Dua , Assistant Professor , BITS , Pilani .

Students of B.Tech 5<sup>th</sup> Sem / B.Tech 3<sup>rd</sup> Sem attended the session and gained knowledge about the Blockchain  
Technology and its applications.

Session was very informative and interactive.



Interaction by Dr Amit Dua , Assistant Professor , BITS Pilani



*[Signature]*  
HOD (C.S.E. & B.C.A.) Department  
of Engg. & Technology, Balana  
Mahendergarh (Haryana)-123

*[Signature]*  
Principal  
R.P.S. College of Engg. & Tech  
Balana Mohindergarh (HR.)

## Attendance Sheet

S.No	Roll No	Name	Sign
1	17CS03	ABHISHEK TANWAR	Abhishek
2	17CS04	ADITYA YADAV	Aditya
3	17CS05	AKHIL YADAV	Akhil
4	17CS07	AMIT KUMAR	Amit
5	17CS09	ANKUR VERMA	Ankur
6	17CS10	ASHISH	Ashish
7	17CS11	ASHISH KUMAR	Ashish Kumar
8	17CS13	BHAGWANTI	Bhagwanti
9	17CS16	BHUPENDER	BHUPENDER
10	17CS17	DEEPAK	Deepak
11	17CS19	DIPANSHU	Dipanshu
12	17CS21	GAURAV SHARMA	Gaurav
13	17CS22	HANSRAJ	Hansraj
14	17CS23	HEMANT	Hemant
15	17CS24	HIMANSHU	Himanshu
16	17CS25	HIMANSHU YADAV	Himanshu
17	17CS27	KARTIK	Kartik
18	17CS28	KAVITA	Kavita
19	17CS32	KUNAL VERMA	Kunal
20	17CS33	MANISH	Manish
21	17CS34	MOHIT KUMAR	Mohit
22	17CS37	NAVEEN	Naveen
23	17CS38	NAVEEN	Naveen
24	17CS39	NAVEEN KUMAR	Naveen
25	17CS42	NEHA	Neha
26	17CS43	NEHA	Neha
27	17CS44	NICKY GUPTA	Nicky
28	17CS46	PINKI	Pinky
29	17CS47	POOJA	Pooja
30	17CS48	PRAVINDER KUMAR	Pravinder
31	17CS49	PREET KUMAR	Preet
32	17CS51	PRIYA	Priya
33	17CS54	RAVINDER KUMAR	Ravinder
34	17CS55	REETU KUMARI	Reetu Kumari
35	17CS57	ROHTASH	Rohtash
36	17CS58	RUPAK	Rupak
37	17CS59	SACHIN	Sachin
38	17CS62	SAHIL	Sahil
39	17CS63	SAHIL	Sahil



*(Signature)*  
Principal



40	17CS64	SANCHIT KUMAR	Sanchit
41	17CS66	SOMBIR	Sombir
42	17CS67	SOURAV	Sourav
43	17CS68	SUMIT CHAHAR	Sumit Chahar
44	17CS70	VINAY KUMAR	Vinay
45	17CS73	VISHAL KUMAR	Vishal
46	17CS74	YOGESH KUMAR	Yogesh
47	17CS75	NARENDER	Narender
48	18CS01	ABHAY SINGH	Abhay
49	18CS02	ABHISHEK	Abhishek
50	18CS06	AMIT	Amit
51	18CS08	ANKIT	Ankit
52	18CS10	ARZOO	Arzoo
53	18CS12	ASHISH SAINI	Ashish
54	18CS14	BALJIT SINGH	Baljit
55	18CS21	HARISH AGGARWAL	Harish
56	18CS22	HARSH	Harsh
57	18CS23	JYOTI	Jyoti
58	18CS27	MADHU	Madhu
59	18CS31	MAYANK YADAV	Mayank
60	18CS33	MOHIT	Mohit
61	18CS35	MONIKA BAI	Monika
62	18CS37	NAVEEN	Naveen
63	18CS39	NIKITA	Nikita
64	18CS42	PINKI	Pinki
65	18CS44	POOJA	Pooja
66	18CS45	POONAM	Poonam
67	18CS46	RAHUL	Rahul
68	18CS49	SACHIN	Sachin
69	18CS50	SACHIN KUMAR YADAV	Sachin
70	18CS52	SAHIL GUPTA	Sahil
71	18CS53	SHASHIKANT	Shashikant
72	18CS54	SHUBHAM BATWAL	Shubham
73	18CS55	SHUBHAM YADAV	Shubham
74	18CS58	VIKAS YADAV	Vikas
75	18CS60	YOGESH	Yogesh
76	18CS63	YOGITA	Yogita
77	18CS65	DEVENDER	Devender
78	L19CS68	SHUBHLATA	Shubhlata



*Principal*  
R.P.S. College of Engg. & Tech  
Balana Mohinderganj (HR.)



## RAO PAHLAD SINGH COLLEGE OF ENGG. & TECH.

Approved by AICTE / Govt. of India & Affiliated to U.G.U., Meerut

Balana, Mohinder Garh, Haryana - 123029

Telephone: 01285-241431 Fax: 241434

E-mail: rpsbalana@gmail.com, Website: www.rpsinstitutions.org

### Department of Computer Science & Engineering

Dated: 08/11/2019

#### Notice

All the students of B.Tech 6<sup>th</sup> Semester and BCA 6<sup>th</sup> Semester are informed that department has decided to organize a 1-days workshop on CISCO NETWORKING on 11/11/2019 by NNETWORK BULLS Pvt. Ltd Gurugram by Mr. Alphish Dhenger. Therefore all the students are required to attend the same.



08/11/2019  
HOD (C.S.E. & B.C.A.) RPS College  
of Engg. & Technology, Balana,  
Mahendergarh (Haryana)-123

*Prakash*  
Principal  
R.P.S. College of Engg & Tech  
Balana Mohinder Garh (HR)

## DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

Workshop on CISCO Networking on 11/11/2019

## Attendance Sheet

S.No	Roll No	Name	Sign
1	17BCA04	ANKIT YADAV	Ankit
2	17BCA05	ANKIT YADAV	Ankit
3	17BCA07	DHEERAJ	Dheeraj
4	17BCA08	EKTA	EKta
5	17BCA09	MADHUR	Madhur
6	17BCA10	MAHESH	Mahesh
7	17BCA12	MANJU R YADAV	MANJU
8	17BCA13	MANOJ	Manoj
9	17BCA16	NEELAM	Neelan
10	17BCA17	NISHA	Nisha
11	17BCA19	PINKI	Pinki
12	17BCA20	POOJA KUMARI	Pooja
13	17BCA21	PRAVEEN	Praveen
14	17BCA26	REENA KUMARI	Reena
15	17BCA28	SACHIN	Sachin
16	17BCA30	SATISH	Satish
17	17BCA33	VIKASH YADAV	Vikash
18	17BCA34	VIKRANT KUMAR	Vikrant
19	17BCA36	Kumud Sanghi	Kumud
20	16BCA05	ASHISH KUMAR	Ashish
21	16BCA06	BHAVESH	Bhavesh
22	16BCA08	DHARMENDER	Dharmender
23	16BCA09	DIPESH KUMAR	Dipesh
24	16BCA15	NEERAJ SHARMA	Neeraj
25	16BCA16	NEETU KUMARI	Neetu
26	16BCA17	NEHA	Neha
27	16BCA18	NITESH	Nitish
28	16BCA19	PANKAJ	Pankaj
29	16BCA20	PARVESH	Parvesh
30	16BCA22	PUJA SHARMA	Puja
31	16BCA23	RAVINDER	Ravinder
32	16BCA26	SOMLATA	Somlata
33	16BCA27	TARUN	Tarun
34	16BCA28	YOGESH	Yogesh
35	16BCA30	SUDHIR	Sudhir
36	16BCA31	JAGRITI	Jagriti
37	16BCA32	NAVEEN SAINI	Naveen



*(Signature)*  
Principal

R.P.S. College of Engg. & Tech  
Balana Mohindergarh (HR.)

38	16BCA33	AJAY KUMAR	Ajay
39	16BCA35	SAVITA	Savita
40	17CS04	ADITYA YADAV	Aditya
41	17CS05	AKHIL YADAV	Akhil
42	17CS09	ANKUR VERMA	Ankur Verma
43	17CS10	ASHISH	Ashish
44	17CS11	ASHISH KUMAR	Ashish Kumar
45	17CS16	BHUPENDER	Bhupender
46	17CS17	DEEPAK	Deepak
47	17CS19	DIPANSHU	Dipanshu
48	17CS24	HIMANSHU	Himanshu
49	17CS25	HIMANSHU YADAV	Himanshu Yadav
50	17CS27	KARTIK	Kartik
51	17CS31	KULDEEP KUMAR	Kuldeep Kumar
52	17CS32	KUNAL VERMA	Kunal Verma
53	17CS33	MANISH	Manish
54	17CS34	MOHIT KUMAR	Mohit Kumar
55	17CS36	NARESH KUMAR	Nareesh Kumar
56	17CS39	NAVEEN KUMAR	Naveen
57	17CS40	NAVEEN KUMAR	Naveen
58	17CS42	NEHA	neha



  
 Principal  
 R.P.S. College of Engg. & Tech  
 Balana Mohindergarh (HR.)



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### Department of Computer Science & Engineering

Dated: 18/08/2019

#### Notice

All the students of B.Tech 6<sup>th</sup> Semester and BCA 6<sup>th</sup> Semester are informed that department has decided to organize a 1-days workshop on AI & ML on 20/08/2019 by DUCAT, Gurugram Training Services Pvt. Ltd. Therefore all the students are required to attend the same.



*[Signature]*  
Head of Department  
R.P.S. College  
of Engg. & Technology, Balana,  
Mahendergarh (Haryana)-123

*[Signature]*  
Principal  
R.P.S. College of Engg. & Tech  
Balana Mohinderghar (HR.)

## DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

Workshop on AI and Machine Learning by DUCAT Gurugram on 26/8/2019

## Attendance Sheet

S.No	Roll No	Name	Sign
1	17CS01	AAYUSH VERMA	Aayush
2	17CS03	ABHISHEK TANWAR	Abhishek
3	17CS05	AKHIL YADAV	Akhil
4	17CS08	ANKIT KUMAR	Ankit
5	17CS09	ANKUR VERMA	Ankur
6	17CS11	ASHISH KUMAR	Ashish
7	17CS13	BHAGWANTI	Bhagwanti
8	17CS14	BHARTI	Bharti
9	17CS17	DEEPAK	Deepak
10	17CS19	DIPANSHU	Dipanshu
11	17CS21	GAURAV SHARMA	Gaurav
12	17CS22	HANSRAJ	HANSRAJ
13	17CS24	HIMANSHU	Himanshu
14	17CS25	HIMANSHU YADAV	Himanshu
15	17CS27	KARTIK	Kartik
16	17CS31	KULDEEP KUMAR	
17	17CS34	MOHIT KUMAR	Mohit
18	17CS36	NARESH KUMAR	Nareesh
19	17CS37	NAVEEN	Naveen
20	17CS38	NAVEEN	Naveen
21	17CS42	NEHA	Neha
22	17CS43	NEHA	Neha
23	17CS46	PINKI	Pinki
24	17CS47	PO	Pooja
25	17CS48	RAVINDER KUMAR	Ravinder
26	17CS49	REET KUMAR	Reet
27	17CS54	RAVINDER KUMAR	Ravinder
28	17CS55	REETU KUMARI	REETU KUMARI
29	17CS58	RUPAK	Rupak
30	17CS59	SACHIN	Sachin
31	17CS62	SAHIL	Sahil
32	17CS64	SANCHIT KUMAR	Sachin
33	17CS66	SOMBIR	SOMBIR
34	17CS68	SUMIT CHAHR	Sumit
35	17CS70	VINAY KUMAR	Vinay
36	17CS73	VISHAL KUMAR	Vishal
37	17CS75	NARENDER	Narender
38	16CS08	ASHVANI KUMAR	ashvani



Principal  
RPS College of Engg. & Tech.  
Balana Mohindergarh (HR.)

39	16CS09	DEEPAK	Deepak
40	16CS15	HIMANK GUPTA	HIMANK GUPTA
41	16CS16	JASHPAL	Jashpal
42	16CS22	KANCHAN SHARMA	Kanchan Sharma
43	16CS23	KIRAN KUMARI	Kiran
44	16CS25	MANISH	Manish
45	16CS26	MANISH KUMAR	Manish
46	16CS33	MONIKA	Monika
47	16CS35	MUSKAN	Muskan
48	16CS36	NEELAM	Neelam
49	16CS47	RAHUL KUMAR	Rahul
50	16CS48	RAHUL SHARMA	Rahul
51	16CS54	REENA	Keena
52	16CS66	RISHABH	Rishabh
53	16CS59	ROOP KUMAR	Roop
54	16CS64	SANJAY TANWAR	Sanjay
55	16CS65	SHARMILA	Sharmila
56	16CS66	SHIVAM	Shivam



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# RAO PAHLAD SINGH COLLEGE OF ENGG. & TECH.

Approved by AICTE / Govt. of India & Affiliated to U.C.T. - Haryana

Balana, Mohindergarh, Haryana - 123029

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E-mail: rpsbalana@gmail.com, Website: www.rpsinstitutions.org

DATED: 12/10/2018

## DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

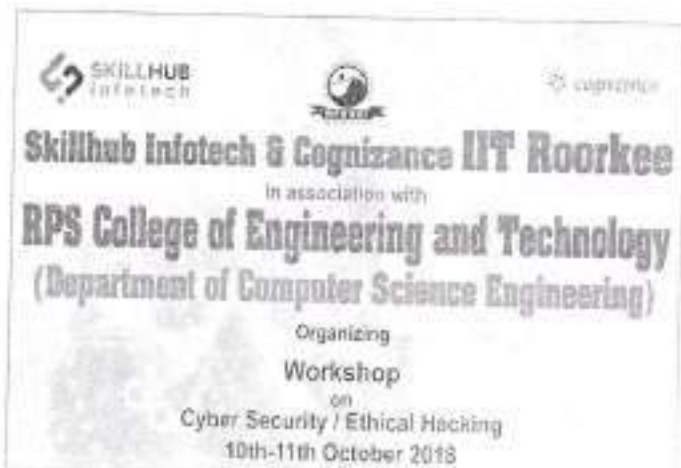
### REPORT

Department of Computer Science Engineering conducted a Workshop on Cyber Security and Ethical Hacking in association with Skill Hub InfoTech & Cognizance IIT Roorkee on 10/10/2018 to 11/10/2018 .

Students of B.Tech / BCA participated in the workshop .

Mr Tapan Kr Jha ( Certified Ethical Hacker) having a vast experience in Testing field takes the theoretical and practical sessions .

Number of Students participated in workshop : 64



HOD (C.S.E. & B.Tech) RPS College of Engg. & Technology, Balana, Mahendergarh (Haryana)-123029

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**DEPARTMENT OF COMPUTER SCIENCE ENGINEERING**  
**Workshop on Cyber Security and Ethical Hacking on 10/10/2018 to 11/10/2018**

**Attendance Sheet**

S.No	Roll No	Name	10-10-2018	11-10-2018
1	17BCA09	MADHUR	Madhury	Madhury
2	17BCA12	MANJU R YADAV	Manju	Manju
3	17BCA13	MANOJ	Manoj	Manoj
4	17BCA15	MUSKAN RANI	Muskan Rani	Muskan Rani
5	17BCA20	POOJA KUMARI	Pooja Kumari	Pooja Kumari
6	17BCA30	SATISH	Satish	Satish
7	17BCA36	Kumud Sanghi	(Kumud Sanghi)	(Kumud Sanghi)
8	16BCA04	ANKIT YADAV	ANKIT	ANKIT
9	16BCA09	DIPESH KUMAR	Dipesh Kumar	Dipesh Kumar
10	16BCA11	HITESH	Hitesh	Hitesh
11	16BCA22	PUJA SHARMA	Puja	Puja
12	16BCA23	RAVINDER	Ravinder	Ravinder
13	16BCA24	SACHIN	Sachin	Sachin
14	17CS01	AAYUSH VERMA	Aayush	Aayush
15	17CS03	ABHISHEK TANWAR	Abhishek	(Abhishek)
16	17CS04	ADITYA YADAV	Aditya	Aditya
17	17CS14	BHARTI	(Bharti)	(Bharti)
18	17CS16	BHUPENDER	Bhupender	Bhupender
19	17CS17	DEEPAK	Deepak	Deepak
20	17CS19	DIPANSHU	(Dipanshu)	(Dipanshu)
21	17CS20	GAJENDER	Gajender	Gajender
22	17CS21	GAURAV SHARMA	Gaurav	Gaurav
23	17CS31	KULDEEP KUMAR	Kuldeep	(Kuldeep)
24	17CS32	KUNAL VERMA	Kunal	Kunal
25	17CS33	MANISH	Manish	Manish
26	17CS34	MOHIT KUMAR	Mohit Kumar	Mohit Kumar
27	17CS36	NARESH KUMAR	Nareesh Kumar	Nareesh Kumar
28	17CS43	NEHA	Neha	Neha
29	17CS44	NICKY GUPTA	Nicky	Nicky
30	17CS45	PARAS KUMAR	Paras Kumar	Paras Kumar
31	17CS46	PINKI	Pinki	Pinki
32	17CS47	POOJA	Pooja	Pooja
33	17CS48	PRAVINDER KUMAR	Pravinder Kumar	Pravinder Kumar
34	17CS66	SOMBIR	Sombir	Sombir
35	17CS67	SOURAV	Sourav	Sourav
36	17CS68	SUMIT CHAHAR	Sumit	Sumit
37	17CS70	VINAY KUMAR	Vinay Kumar	Vinay Kumar
38	16CS01	ABHIJOT BEDI	(Abhijot Bedi)	(Abhijot Bedi)



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College of Engg. & Tech.  
Ballia, Mohindergarh (HR).

39	16CS02	AKSHAT	Akshat	Akshat
40	16CS08	ASHVANI KUMAR	Ashwani Kumar	Ashwani Kumar
41	16CS09	DEEPAK	Deepak	Deepak
42	16CS11	DEEPAK KUMAR	Deepak Kumar	Deepak Kumar
43	16CS15	HIMANK GUPTA	Himank Gupta	Himank Gupta
44	16CS16	JASHPAL	Jashpal	Jashpal
45	16CS17	JAYA KUMARI	Jaya	Jaya
46	16CS18	JEVIKA	Jevika	Jevika
47	16CS20	JYOTI	Jyoti	Jyoti
48	16CS26	MANISH KUMAR	Manish Kumar	Manish Kumar
49	16CS31	MONIA	Monia	Monia
50	16CS32	MONIKA	Monika	Monika
51	16CS33	MONIKA	Monika	Monika
52	16CS35	MUSKAN	Muskan	Muskan
53	16CS36	NEELAM	Neelam	Neelam
54	16CS37	PANKAJ KUMAR	Pankaj	Pankaj
55	16CS43	PINKI YADAV	Pinkiyadh	Pinkiyadh
56	16CS47	RAHUL KUMAR	Rahul	Rahul
57	16CS51	RAJESH KUMAR	Rajish	Rajish
58	16CS52	RAVINDER KUMAR	Ravinder	Ravinder
59	16CS54	REENA	Reena	Reena
60	16CS56	RISHABH	Rishabh	Rishabh
61	16CS62	SAKSHI	Sakshi	Sakshi
62	16CS63	SANDEEP KUMAR	Sandeep	Sandeep
63	16CS64	SANJAY TANWAR	Sanjay	Sanjay
64	16CS65	SHARMILA	Sharmila	Sharmila



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Balana Mohindergarh (HR.)



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E-mail: rpsbalana@gmail.com Website: www.rpsinstitutions.org

DATED: 25/9/2018

## DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

### REPORT

Department of Computer Science Engineering conducted a Seminar on Selenium Testing Tool in association with DUCAT, Noida on 24/9/2018. 54 Students of B.Tech 5<sup>th</sup> Sem / B.Tech 3<sup>rd</sup> Sem participated in the seminar and gained knowledge about the Selenium Testing tool. Session was informative and interactive.



Seminar on "Selenium Testing Tool" on 24-09-2018 by DUCAT, Noida



  
Head of Department  
HOD (C.S.E. & B.C.A.) RPS College  
of Engg. & Technology, Balana,  
Mahendergarh (Haryana)-123029

  
Principal  
R.P.S College of Engg. & Tech  
Balana Mohindergarh (HR.)

DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

Seminar on Selenium Testing Tool on 24/9/2018

Attendance Sheet

S.No	Roll No	Name	Sign
1	15CS01	AARTI	<u>Aarti</u>
2	15CS02	AJAY MULODHIA	<u>AJAY</u>
3	15CS13	DIMPLE CHAUHAN	<u>D. Chauhan</u>
4	15CS15	GEETA YADAV	<u>Geeta</u>
5	15CS16	HARSHIT HARIT	<u>Harshit</u>
6	15CS17	HEMLATA	<u>H. Lata</u>
7	15CS22	JAYANT	<u>Jayant</u>
8	15CS25	KAPIL KUMAR YADAV	<u>K.U.Y</u>
9	15CS30	MADHU	<u>Madhu</u>
10	15CS32	MONA	<u>Monika</u>
11	15CS33	MONIKA	<u>monika</u>
12	15CS34	MONIKA	<u>Monika</u>
13	15CS36	NEHA SINGHLA	<u>NEHA</u>
14	15CS40	PRAGATI	<u>Pragati</u>
15	15CS42	PRIYANKA	<u>Priyanka</u>
16	15CS43	RAHUL VASHISTH	<u>Rahul</u>
17	15CS47	SANDEEP	<u>Sandeep</u>
18	15CS48	SHIKHAR MAHERSHI	<u>Shikhar</u>
19	15CS49	SHUBHAM MUDGIL	<u>SHUBHAM MUDGIL</u>
20	15CS51	SUNITA	<u>SUNITA</u>
21	15CS54	TARUN	<u>Tarun</u>
22	15CS57	VIKAS YADAV	<u>Vpkash Yadav</u>
23	16CS01	ABHIJOT BEDI	<u>Abhijot</u>
24	16CS02	AKSHAT	<u>Akshat</u>
25	16CS05	ANKIT	<u>ankit</u>
26	16CS06	ANNU	<u>Annu</u>
27	16CS09	DEEPAK	<u>Deepak</u>
28	16CS11	DEEPAK KUMAR	<u>Deepak</u>
29	16CS14	GAURAV BHARDWAJ	<u>G.B</u>
30	16CS15	HIMANK GUPTA	<u>Himank</u>
31	16CS17	JAYA KUMARI	<u>Jaya</u>
32	16CS18	JEVIKA	<u>Jevika</u>
33	16CS22	KANCHAN SHARMA	<u>Kanchan</u>
34	16CS23	KIRAN KUMARI	<u>Kiran</u>
35	16CS26	MANISH KUMAR	<u>Manish</u>
36	16CS30	MOHIT	<u>Mohit</u>
37	16CS32	MONIKA	<u>Monika</u>



Principal  
R.P.S. College of Engg. & Tech.  
Balana Mohinderganj

38	16CS35	MUSKAN	Muska
39	16CS37	PANKAJ KUMAR	Pankaj
40	16CS39	PARMILA	PARMILA
41	16CS41	PAWAN KUMAR	P
42	16CS43	PINKI YADAV	Pinki
43	16CS47	RAHUL KUMAR	Rahul
44	16CS49	RAJ YADAV	Raj
45	16CS54	REENA	reena
46	16CS59	ROOP KUMAR	Roop
47	16CS61	SAHIL	SAHIL
48	16CS62	SAKSHI	Sakshi
49	16CS64	SANJAY TANWAR	S
50	16CS65	SHARMILA	Sharmilla
51	16CS66	SHIVAM	SHIVAM
52	16CS69	TAMANNA YADAV	Tamanna Yadav
53	16CS70	TANMAY BHUTANI	Tanmay
54	16CS75	VISHAL YADAV KHERWAL	V



Principal  
R.P.S. College of Engg. & Tech  
Balana Mohindergarh (HR.)

**A  
Report on**

**Expert talk on Intellectual Property Rights (IPRs)**  
*(25<sup>th</sup> February, 2021)*

*Organized by  
Under the aegis of Institution's Innovation Council (IIC)*



**Rao Pahlad Singh Group of Institutions  
Mahendergarh**

*M. Yadav*  
Principal  
R.P.S. College of Engg. & Tech  
Balana Mahendergarh (HR.)

**Background:**

The Institution Innovation Council (IIC) of Rao Pahlad Singh Group of Institutions organized an Expert talk on Intellectual Property Rights on Feb 25, 2021. The expert talk was conducted live through Zoom meeting app and also stream lived on Facebook.

**Objectives:**

The objectives of this expert talk were as follows:

1. The main aim was to impart greater awareness about the issue of IPRs, which gained a special importance for all the domains of socio-economic development.
2. Make students and faculties aware of the importance of IPRs.
3. Make them understand that how their unique ideas can be get patented.

**Participants:**

It was attended by faculty members and 200 students from various Dept. of Engineering and Dept. of Management of the institute.

**Brief of the Program:**

The expert talk was held on January 25th Feb. 2021, Thursday, at 12.30 PM. Mr. Manish Kaushik, Assistant Professor of RPSGOI started the session with a warm welcome from all the attendees and also introduced the guest speaker. The session was taken over by the guest speaker Mr. Rutwik Rao who is currently working as a Patent Agent, Trademark attorney, and practices before the Bombay High Court, NCLT, and IPAB.

He started by defining the Word 'Intellectual' and gave a clear idea about the same. He mentioned all the essential factors related to IPRs. Then in detail, he covers up the terms patent, copyright, and trademark, how these differ from each other, what are their main specifications, how these can be filed in their relevant areas.

Further, with the help of a flow chart, he talked about how a patent can be filed and what are the stages one has to go through while filing a patent.

The entire session was full of good examples and was very interactive. The workshop ended with a question and answer session in which students get their doubts solved. At the end Dr. JK Gothwal, Vice-principal RPSGOI thanked our keynote speaker and the entire IIC team for conducting the expert talk on the topic of great interest for all.



*Manish Kaushik*  
Principal  
R.P.S College of Engg. & Tech  
Balana Mohindergam (HR.)

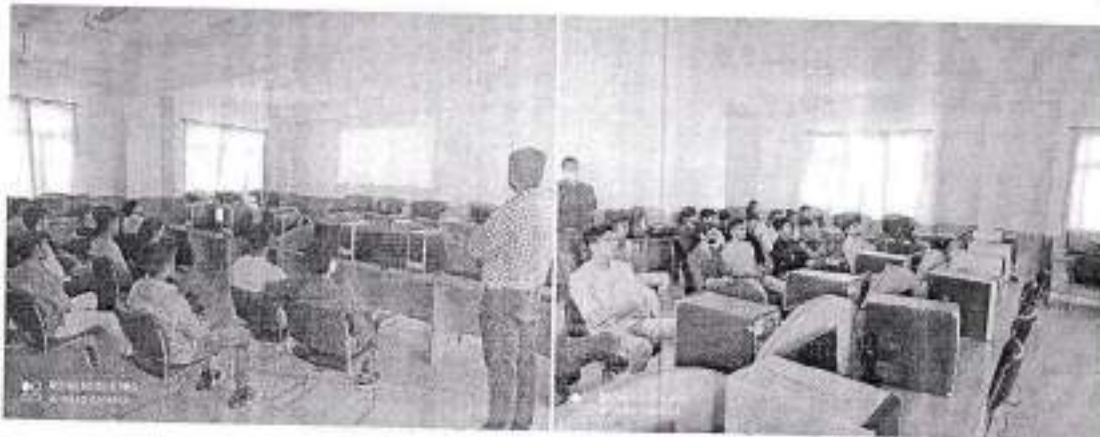
### Feedback from the Participants:

A feedback from the faculty members and students were taken, the participants were thankful to the IIC, RPSGOI for conducting this expert talk.

### Banner:



### Glimpse of Session:



*Kuryada*  
Principal  
R.P.S College of Engg. & Tech  
Balana Mohindergarh (HR.)





**Resource Persons:**

Mr. Rutwik Rao Patent Agent, Trademark attorney, and practices before the Bombay High Court, NCLT, and IPAB.

**Coordinator:**

Mr. Manish Kaushik, Asst. Prof. & member IIC cell RPSGOI.



  
Principal  
R.P.S. College of Engg. & Tech  
Balana Mohindergarh (HR.)



**RPS** GROUP OF INSTITUTIONS

BALANA, MAHENDERGARH (HARYANA)



## CERTIFICATE OF PARTICIPATION

This Certificate is presented to

*Mr. Gajanand Sharma*

For participating in webinar on  
**"Opportunities & Challenges for Start-ups in Current Scenario"**  
delivered by Mr. Puneet Datta- CEO &  
Ravindra Yadav- Community Manager, AIC- Manipal University, Jaipur  
conducted by **RPS Group of Institutions** held on 24<sup>th</sup> January, 2022.



*[Signature]*  
COORDINATOR

*[Signature]*  
RECIPIENT

*[Signature]*  
DIRECTOR

*Ravindra Yadav*  
Principal  
R.P.S. College of Engg. & Tech  
Balana Mahendergarh (HR.)



# RPS

## GROUP OF INSTITUTIONS

Under the aegis of RPS Education Society, M/Garh

Department of Mechanical Engineering  
Organising

**Three Days Workshop on**

# 3D SOLIDWORKS

from **06<sup>th</sup> June to 8<sup>th</sup> June 2022**



**MR. SACHIN**

CADD Centre Rewari

**1** Sketching of Solids

**2** Feature Commands of Solids

**3** Assembly of Solids

*Principals*  
R.P.S. College of Engg. & Tech.  
Balana Mohindergarh (HR.)



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Approved by AICTE / Govt. of India & Affiliated to I.G.U., Meerpur

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E-mail: rpsbalana@gmail.com, Website: www.rpsinstitutions.org

Date:02/06/2022

## DEPARTMENT OF MECHANICAL ENGINEERING

### Notice

All students of B.Tech. ME 4<sup>th</sup>, 6<sup>th</sup> Sem and Diploma ME 6<sup>th</sup> Semester are hereby informed that a three days workshop on Solid Works will be organized from 06 June 2022 to 08 June 2022. In workshop students will be get knowledge about sketching of solids using different commands and assembly of the solids. All students are requested to attend the entire session for all three days to improve their knowledge on the software.

Day I: Sketching of solids (06-06-2022)

Day II: Feature commands of solids (07-06-2022)

Day III: Assembly of solids (08-06-2022)



Venue: Seminar Hall (Department of Mechanical Engineering)

Timing: 09:00 AM -12:00 Noon.

02/06/2022  
HOD(ME)

Principal  
RPS College of Engg. & Tech.  
Balana Mohindergarh, Haryana



# RAO PAHLAD SINGH COLLEGE OF ENGG. & TECH.

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Telephone: 01285-241431 Fax: 241434

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## Attendance Sheet for Solid Works Workshop B.Tech IV Sem.

Roll No.	NAME	Day-I	Day-II	Day-III
20ME03	AJAY KUMAR	Ajay	Ajay	Ajay
20ME04	AMIT KUMAR	Amit	Amit	Amit
20ME05	AMIT YADAV	Amit Yadav	Amit Yadav	
20ME06	ANKIT	Ankit	Ankit	Ankit
20ME10	BIR SINGH	Bir Singh	Bir Singh	Bir Singh
20ME12	DEEPESH KUMAR	Deepesh	Deepesh	Deepesh
20ME15	JATIN YADAV			
20ME16	JATIN YADAV			
20ME17	KISHAN DEV	Kishan Dev	Kishan Dev	Kishan Dev
20ME19	MANMOHAN	Manmohan	Manmohan	Manmohan
20ME22	NEERAJ	Neeraj	Neeraj	Neeraj
20ME24	PARVESH	P. Kumar	P. Kumar	P. Kumar
20ME25	PRAVEEN			
20ME26	RAHUL	Rahul	Rahul	Rahul
20ME28	SAHIL	Sahil	Sahil	Sahil
20ME29	SAHIL	Sahil	Sahil	Sahil
20ME31	SANDEEP			
20ME33	SONU	Sonu	Sonu	Sonu
20ME34	SOURABH KUMAR YAD			
20ME35	SUMIT			
20ME36	TARUN KUMAR	Tarun	Tarun	Tarun
20ME37	TILOKRAJ			
20ME39	VIJAY KUMAR	Vijay Kumar	Vijay Kumar	Vijay Kumar
20ME41	VISHNUDUTT			Vishnu
20ME42	VIVEK			
20ME43	PANKAJ KUMAR	Pankaj	Pankaj	Pankaj
20ME44	ANAND PARKASH	Anand Parkash	Anand Parkash	Anand Parkash
20ME45	RAHUL			



R.P.S College of Engg. & Tech  
Balana Mohindergerh (HR.)



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E-mail: rpsbalana@gmail.com, Website: www.rpsinstitutions.org

## Attendance Sheet for Solid Works WorkShop of B.Tech ME VI Sem

Sr. No.	Roll No.	NAME	Day -I	Day-II	Day-III
1	19ME01	AFTAB ALAM	Aftab	Aftab	Aftab
2	19ME03	ASHISH SHARMA	Ashish Sharma	Ashish Sharma	Ashish Sharma
3	19ME04	ESHU SAINI	Eshu	Eshu	Eshu
4	19ME05	GAGAN	Gagan	Gagan	Gagan
5	19ME06	MUKESH	Mukesh	Mukesh	Mukesh
6	19ME07	NIKHIL KUSHWAHA	Nikhil Kumar	Nikhil Kumar	Nikhil Kumar
7	19ME08	NIRAJ RAM	Niraj Ram	Niraj Ram	Niraj Ram
8	19ME09	PARVEEN KUMAR	Parveen Kumar	Parveen Kumar	
9	19ME10	PARVESH KUMAR	P. Kumar	P. Kumar	P. Kumar
10	L20ME15	SANDEEP	Sandeep	Sandeep	Sandeep
11	L20ME17	CHHABBILA			



*Miyadon*  
Principal

R.P.S College of Engg. & Tech  
Balana Mohindergarh (HR.)



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Balana, Mohinder Garh, Haryana - 123029

Telephone: 01285-241431 Fax: 241434

E-mail: rpsbalana@gmail.com, Website: www.rpsinstitutions.org

## Attendance Sheet for work Shop on Solid Works DIPLOMA ME - 6TH SEM

S. No	Adm No	Name	Day-I	Day-II	Day-III
1	DP19ME01	AMAN			
2	DP19ME04	ANKIT			
3	DP19ME07	AVINASH KUMAR	Avinash	Avinash	Avinash
4	DP19ME16	HIMANSHU			
5	DP19ME17	JATIN YADAV			
6	DP19ME18	KRISHNA ALOK	Krishna Alok	Krishna Alok	Krishna Alok
7	DP19ME20	MD ANSAR ALAM			
8	DP19ME21	MD. FAJAUH HUSSAIN			
9	DP19ME22	MUSKAN KUMARI	Muskan Kumari	Muskan Kumari	Muskan Kumari
10	DP19ME25	PAWAN KUMAR			
11	DP19ME26	PINKI	Pinki	Pinki	Pinki
12	DP19ME28	RAHUL KUMAR			
13	DP19ME30	RAVINDER			
14	DP19ME31	RIMPA YADAV	Rimpa Yadav	Rimpa Yadav	Rimpa Yadav
15	DP19ME32	SAIF ALI	Saif ali	Saif ali	Saif ali
16	DP19ME34	SANJEEV KUMAR			
17	DP19ME37	SOURAV			
18	DP19ME39	UDIT RANJAN JHA			
19	DP19ME43	VIKKI KUMARI	Vikki Kumari	Vikki Kumari	Vikki Kumari
20	DP19ME44	YOGESH KUMAR			
21	LDP20ME47	ROHIT			
22	LDP20ME48	VIKASH KUMAR			
23	LDP20ME52	HIMANSHU			
24	LDP20ME53	GAUTAM KUMAR	Gautam	Gautam	Gautam
25	LDP20ME54	NITESH KUMAR			
26	LDP20ME55	INJAR ALAM	Injar Alam	Injar Alam	Injar Alam
27	LDP20ME56	PARVEEN			
28	LDP20ME57	LOKESH			
29	LDP20ME58	MANISH KUMAR			
30	LDP20ME59	GAJENDER SINGH			
31	LDP20ME60	DHARMENDER SINGH			
32	LDP20ME61	JITENDER			
33	LDP20ME62	ADITYA RANJAN JHA	Aditya Ranjan Jha	Aditya Ranjan Jha	Aditya Ranjan Jha



*Signature*  
Principal  
R.P.S. College of Engg. & Tech  
Balana, Mohinder Garh (HR.)



### **RUBICON WORKSHOP & QUIZ dated 19<sup>th</sup> Sept, 2023 to 21<sup>th</sup> Sept, 2023**

A Workshop has been organised for the students of BTECH ECE/EE/CSE/BCA Students by RUBICON India Pvt. Ltd. On dated 12<sup>th</sup> April, 2023. And the Elec-Power Club of Electrical Engineering Department organized a technical quiz within the department in which students of 4<sup>th</sup> and 6<sup>th</sup> semester from Electrical Engineering participated. The quiz was staged by Er. Ravi Kumar, Assistant Professor (EE Deptt.). The quiz was planned in two parts – first part included the MCQ and second part included the verbal rounds in which four teams of two members each participated which were selected from the first part. The questions were from the Electrical Engineering background. Around 20 students of the department participated in this quiz.



*Dnyadev*

Principal  
R.P.S. College of Engg. & Tec  
Balana Mohindergarh (HR.)



Department of Electrical Engineering  
Organizes

Expert Talk on

## ENERGY STORAGE SYSTEMS

Resource Person  
**Dr. Muralidhar Nayak Bhukya**



एजुकेशन प्लस

आरपीएस इंजी कॉलेज में हुए विशेष व्याख्यानो के आयोजन



महेन्द्रगढ़। आरपीएस इंजी कॉलेज विश्वविद्यालय ने बतौर विषय  
यलाना में कंप्यूटर साइंस विभाग द्वारा विशेषज्ञों के तौर पर शिरकत की।  
“क्लाउड कंप्यूटिंग” विषय विद्युत कार्यक्रम के संयोजक विभागाध्यक्ष  
विभाग द्वारा “एनर्जी संग्रहण डॉ. गृदीप तवर प्रो. कर्मवीर श्योराण

### An Expert talk on – “Energy Management System” on dated 24<sup>th</sup> Mar, 2023

The Elec-Power Club of Electrical Engineering Department organized an expert talk on – Energy Management System for 2<sup>nd</sup>/4<sup>th</sup>/6<sup>th</sup> semester students of Electrical Engineering, and Electronics & Communication Engineering. The key note speaker was Dr. Muralidhar Nayak Bhukya (Assistant Professor – Electrical Engineering at Central University of Haryana). Around 60 students participated in this seminar. The main objective behind the seminar was to put an effort in the line of realizing the importance of Energy Management System and energy resources in the light of sustainable development.



  
Principal  
R.P.S. College of Engg. & Tec  
Balana Mohindergarh (HR.)



**(02 -04 March 2023)**

**Program Schedule:-**

Event	Date & Timing	Venue
1 <sup>st</sup> Session	02 March 2023 12:30 PM - 05:30 PM	Lecture Hall 102
2 <sup>nd</sup> Session	03 March 2023 09:00 AM - 12:00 Noon	Lab -4 (ECE Deptt.)
3 <sup>rd</sup> Session	04 March 2023 12:30 PM - 03:30 PM	Lab -4 (CSE Deptt.)



Resource Person  
**Er. Vishal Kumar Mittal**  
 Assistant Professor  
 Department of Electrical Engineering  
 RPSCEI, Balana, M.Barkh.



**Three days' workshop on "Designing Graphical User Interfaces using MATLAB"**

**(From 02<sup>nd</sup> Mar, 2023 to 04<sup>th</sup> Mar, 2023)**

The Elec-Power club of Electrical Engineering Department organized a workshop on "Designing Graphical User Interfaces using MATLAB" for 2<sup>nd</sup> and 3<sup>rd</sup> year students of all the branches of Engineering (Electrical, Electronics & Communication, Mechanical, Civil and Computer Science Engineering) leaded by Prof. Karambir Sheoran & Prof. Vishal Kumar Mittal . The main objective behind this workshop was to train the students to use the MATLAB for basic mathematics and Engineering applications, and to design the GUI using MATLAB. Total 45 students of different branches participated in this workshop.



*Dipendra*  
 Principal  
 R.P.S. College of Engg. & T h  
 Balana Mohindergarh (Hn.)



**A seminar – “A small talk on – Need of Energy Conservation”**  
**on dated 17<sup>th</sup> Nov, 2022.**

The Elec-Power Club of Electrical Engineering Department organized a seminar on Need of Energy Conservation for 1<sup>st</sup>/3<sup>rd</sup>/5<sup>th</sup>/7<sup>th</sup> semester students of **Electrical Engineering, and Electronics & Communication Engineering** presented by **Er. Vishal Kumar Mittal, Assistant Professor (EE Deptt.)**. The main objective behind the seminar was to put an effort in the line of realizing the importance of conservation of energy and energy resources in the light of sustainable development. Total 65 students of different branches participated in this Seminar.



*Ayyadav*  
Principal  
R.P.S College of Engg. & Tech  
Balana Mohindergadh (Hk.)



## **Departmental Activities Record 2022 – 2023**

### **Department of Electrical Engineering**

**1. Nine days workshop on Circuit design, simulation, PCB design and fabrication  
(From 27<sup>th</sup> Dec, 2021 to 4<sup>th</sup> Jan, 2022)**

The Institution Innovation Council (IIC) of Rao Pahlad Singh Group of Institutions organized a nine days technical workshop on PCB Design and Fabrication led by Er. Vishal Kumar Mittal, Assistant Professor (EE Deptt.). The workshop constituted the hands-on exercises regarding the circuit building, PCB designing and PCB fabrication. Total 50 students from the Deptt. of **Electrical Engineering and Electronics & Communication Engineering** have been participated.


**2. A seminar – “A small talk on – Need of Energy Conservation” on dated 17<sup>th</sup> Nov, 2022.**

The Elec-Power Club of **Electrical Engineering Department** organized a seminar on Need of Energy Conservation for 1<sup>st</sup>/3<sup>rd</sup>/5<sup>th</sup>/7<sup>th</sup> semester students of **Electrical Engineering, and Electronics & Communication Engineering** presented by Er. Vishal Kumar Mittal, Assistant Professor (EE Deptt.). The main objective behind the seminar was to put an effort in the line of realizing the importance of conservation of energy and other resources in the light of sustainable development. Total 65 students of different branches participated in this Seminar.

**3. Three days' workshop on “Designing Graphical User Interfaces using MATLAB”  
(From 02<sup>nd</sup> Mar, 2023 to 04<sup>th</sup> Mar, 2023)**

The Elec-Power club of **Electrical Engineering Department** organized a workshop on “Designing Graphical User Interfaces using MATLAB” for 2<sup>nd</sup> and 3<sup>rd</sup> year students of all the branches of Engineering (**Electrical, Electronics & Communication, Mechanical, Civil and Computer Science Engineering**) led by Prof. Karambir Sheoran & Prof. Vishal Kumar Mittal. The main objective behind this workshop was to train the students to use the MATLAB for basic mathematics and Engineering applications, and to design the GUIs using MATLAB. Total 45 students of different branches participated in this workshop.



  
Principal  
R.P.S. College of Engg. & Tech.  
Balana Mohindergarh (HR.)

**4. Visit to Ganguwal Power House, Punjab From 19<sup>th</sup> Mar, 2023 to 21<sup>st</sup> Mar, 2023**

On March-19, 2023, a group of students (Approx. 90) from the **Electrical, Civil and Mechanical Engineering** departments, along with faculty members, embarked on an industrial visit to Bhakra Dam and Ganguwal Powerhouse. The visit was intended to provide students with practical exposure to the operation and maintenance of large-scale hydraulic structures and power generation facilities. The students witnessed the relaying and control systems for the hydro power generation. The visit also included to pay homage at Naina Devi temple. Around 90 students of the aforementioned departments participated in this visit.

**5. An Expert talk on – “Energy Management System” on dated 24<sup>th</sup> Mar, 2023**

The **Elec-Power Club of Electrical Engineering Department** organized an expert talk on – **Energy Management System** for 2<sup>nd</sup>/4<sup>th</sup>/6<sup>th</sup> semester students of **Electrical Engineering**, and **Electronics & Communication Engineering**. The key note speaker was **Dr. Muralidhar Nayak Bhukya** (Assistant Professor – Electrical Engineering at Central University of Haryana. Around 60 students participated in this seminar. The main objective behind the seminar was to put an effort in the line of realizing the importance of Energy Management System and energy resources in the light of sustainable development.

**6. Technical Quiz on dated 12<sup>th</sup> Apr, 2023**

The **Elec-Power Club of Electrical Engineering Department** organized a technical quiz within the department in which students of 4<sup>th</sup> and 6<sup>th</sup> semester from Electrical Engineering participated. The quiz was staged by Er. Ravi Kumar, Assistant Professor (EE Deptt.). The quiz was planned in two parts – first part included the MCQ and second part included the verbal rounds in which four teams of two members each participated which were selected from the first part. The questions were from the Electrical Engineering background. Around 20 students of the department participated in this quiz.



**With Best Regards**

**Prof. Karambir**

**Head (EE Deptt.)**



Principal

R.P.S. College of Engg. & Tech  
Balana Mohindergarh (HR.)



**RPS**  
GROUP OF INSTITUTIONS  
Under the wings of RPI Education Society, M.C. Park



*A Four Days Skill Development Workshop*

**Connect**  
with  
**Work**  
Training Program



14<sup>th</sup> to 17<sup>th</sup> February, 2023

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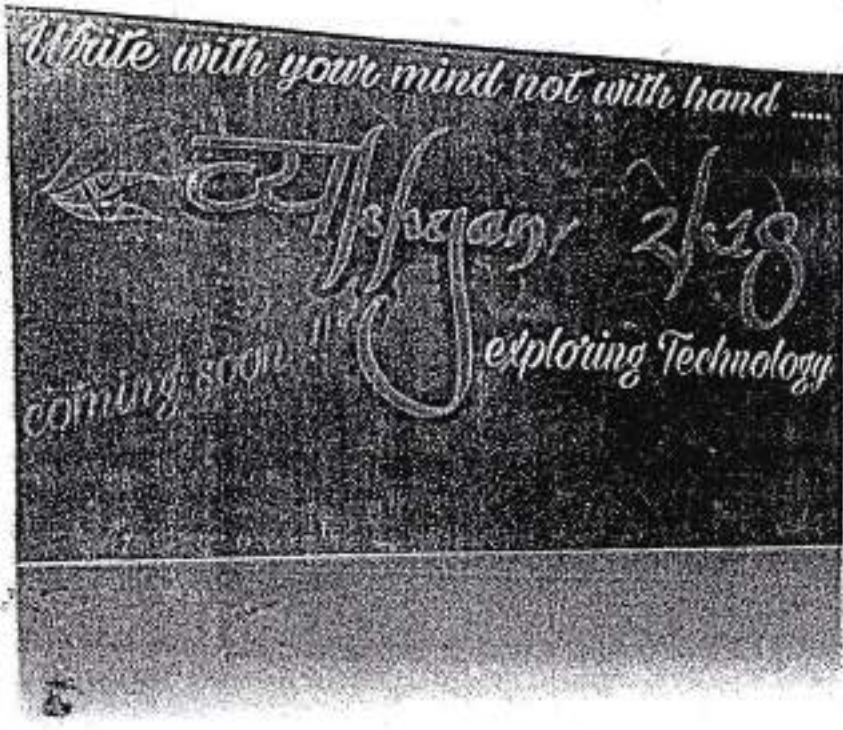
**Nine days workshop on Circuit design, simulation, PCB design and fabrication**

(From 27<sup>th</sup> Dec, 2021 to 4<sup>th</sup> Jan, 2022)

The Institution Innovation Council (IIC) of Rao Pahlad Singh Group of Institutions organized a nine days technical workshop on PCB Design and Fabrication led by Er. Vishal Kumar Mittal, Assistant Professor (EE Deptt.). The workshop constituted the hands-on exercises regarding the circuit building, PCB designing and PCB fabrication. Total of 500 students from the Deptt. of **Electrical Engineering and Electronics & Communication Engineering** have been participated.



*[Signature]*  
Principal  
R.P.S. College of Engg. & Tech  
Balana Mohinderghar (HR.)



**Events:**

**Live Workshops**

**Live Presentations**

---

**Don't be shy- Meet Experts & Influencers Face to Face**

---

**Validate your own philosophy of study through interaction with others**

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**Experience more "A-Ha's" than you ever thought possible.**

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**Exciting prices including future gadgets**

# व्यकथान 2k18

March 19<sup>th</sup> & 20<sup>th</sup>

## Event Description

*"IT IS NOT ALL OVER. EVERYTHING HAS NOT BEEN INVENTED. THE WORLD IS JUST BEGINNING" - Gene Roddenberry*

All you need to do is to fuel your brain to ideate the ideas that never existed. The planet is all yours and come up with a spark of innovation to improve the lives around you. The stage has been set to listen to your words. Hope you fulfil the expectation in the form of PAPER PRESENTATION.



व्यकथान 2k18



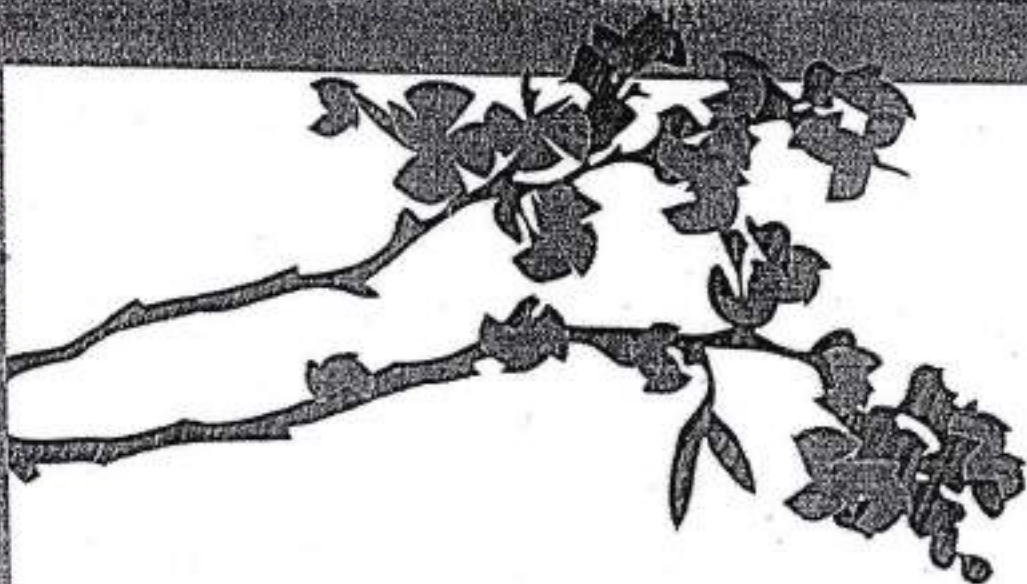
Facebook link



**EVENT ORGANIZER:**

DEPARTMENT OF CEEET & CSI

*Principal*  
 Principal  
 RPS College of Engg. & Tech  
 Balana Mohindergarh (HR.)



# व्यकथ्यान 2K18

## Invitation

DATE : MARCH 19<sup>TH</sup> & 20<sup>TH</sup> ,2018

LOCATION: ENGINEERING BLOCK, RPSGOI

व्यकथ्यान brings a Galore of Competition to all the Young, Dynamic and Talented Techies. It is a Platform for the Progressive Brains of our College to interact, compete and Display their Creativity and Talent. Current Trends and Future Visions for the industry will also be discussed with the Eminent Experts, professionals and academicians who will Participate in the Event.

We find our honor to invite all the interested students who wants to share their technical futuristic ideas through Technical Paper Presentation and Workshops.

Event Theme: think.dream.live



FOR MORE INFORMATION CONTACT: PROJECT LAB, DEPARTMENT OF ECE/EE  
FACULTY COORDINATOR: MR. PANKAJ SONI (9416282733), PANRIT5232@GMAIL.COM  
STUDENT COORDINATOR: MR. DEEPAK KUMAR YADAV (9896292336), DEEPAK28YADAV99@GMAIL.COM

*Prayada*  
Principal  
R.P.S. College of Engg. & Tech  
Balana, Mohinderghar (HR.)



Dr. Shengden Kzo ISCV 46  
Beat plastic polymer

Dr. Neeraj UPVC 45  
Advancement in Concrete

Shengden



**RPS**  
Principal  
R.P.S. College of Engg. & Tech  
Balana Mohindergam (HR.)

BBA 4th Sem

61 Ganti Yadav :- Smart work Vs Hard work ✓ ✓  
Shubham :- Job Satisfaction ✓ ✓

BBA 4th Sem

3 Sumit :- Customer Satisfaction ✓ ✓  
4 Tejbhara :- Grignat Model ✓ ✓

MBA 3rd Sem

5 Mani Ka :- Patentol Strategy ✓

*[Signature]*



*[Signature]*  
Principal  
R.P.S. College of Engg. & Tech  
Balana Mohindergath (H.R.)

✓ IOT

16EC26

16EC29

{ Rekha }  
{ Sanjeev }

4. ✓

✓ wearable  
-Technology

16EC03

16EC12

{ Aakarsha }  
{ Diphi }

5. ✓

8-

Presenting a technical power point presentation.  
He/she secured 1<sup>st</sup>/2<sup>nd</sup>/3<sup>rd</sup> position.

421TKhyan2k18



*[Signature]*

*[Signature]*

Principal  
R.P.S. College of Engg. & Tech  
Balana Mohindergarh (HR.)

IOT ✓

16 EC 26  
16 EC 29

Rekha  
Samjeev

4 ✓

wearable  
technology ✓

16 EC 03  
16 EC 12

Aakarsha  
Dipti

5 ✓

8 -  
Presenting a technical power point presentation  
He/she secured 1st/2nd/3rd position.



21/11/2018

*[Signature]*

*[Signature]*

Principal  
R.P.S. College of Engg. & Tech  
Balana Mohindergarh (HR.)

Regd. No. 4812/IMA  
Balana - 20-10-2014  
पता: इमारत बाला

श्री कल्याण राम

मोबा  
9811183000

9811183000

# Supreme Flex & Printing Press

हमारे कार्यों पर पलेक्स, थानी कार्ड, फ्लेक्स, डिजिटल कार्ड, कैंडर पेपर, मिडि मुक, एटीकर पोस्टर आदि की Full MD कार्ड की जाती है।

नमस्कार मेमबरी केन्द्र, अखंडी प्रगती (प. 2002 र.)

नं. 79

दिनांक: 20/10/2014

नाम: श्री कल्याण राम

पता: इमारत बाला

महानगर: बाला

क्रमांक	विवरण	मात्रा	दर	कुल
1	Flexi Charges for 2014-15	10	690	690
				390

नोट: विद्यालय मुख कार्डों के लिए पलेक्स के कार्डों का निम्नलिखित नाम दिया गया है।

क्यापल प्रगती

कल्याण राम



Flexi Charges for  
" 2014-15 "

*[Signature]*

*[Signature]*

Principal  
RPS College of Engg. & Tech  
Balana - Mohindergarh (HR.)

- 1) Nikki - Naveen Yadav  
Artificial Intelligence [CS - 1<sup>st</sup> Year] ✓
- 2) Ashish Aggarwal  
House programming in C [CS - 1<sup>st</sup> Year] ✓
- 3) Deepak Verisht  
Accident reduction on Airbag releasing [CS - 2<sup>nd</sup> Year] ✓
- 4) Abijot Bedi  
Abijot Student Life [CS - 2<sup>nd</sup> Year] ✓
- 5) Manveer Yadav  
Ethical Hacking [CS - 2<sup>nd</sup> Year] ✗
- 6) Prauendar Kumar  
Social network [CS - 1<sup>st</sup> Year] ✗
- 7) Himanshu  
In-ss Technology [CS - 1<sup>st</sup> Year] ✓
- 8) Shikhar  
Internet Banking ISCS4P ✓
- 9) Nitish  
Networking - IBCA18 ✓

10) Naveen  
Internet [CS - 38, APRIL] ✓



11) Nitish  
Networking  
It is used for sharing data

IBCA

digital audio work station

45NXP

*[Handwritten signature]*

**Report of**

**One day  
Workshop  
On**

**Design Thinking & Benefits**  
*(24<sup>th</sup> October, 2020)*

*Organised by*  
*Under the aegis of Institution's Innovation Council*  
*(IIC)*



**Rao Pahlad Singh Group of Institutions**  
**Balana, Mahendergarh (Haryana)**

1

  
Principal  
R.P.S College of Engg. & Tech  
Balana Mohindergarh (HR.)

**Background:**

The Institution Innovation Council (IIC) of Rao Pahlad Singh Group of Institutions organized a nine days technical workshop on PCB Design and Fabrication on Dec 27<sup>th</sup>, 2021 to Jan 04<sup>th</sup>, 2022. The workshop constituted the hands-on exercises regarding the circuit building, PCB designing and PCB fabrication. The workshop also involved an expert talk regarding the 'Artificial Intelligence'.

**Objectives:**

The objectives of the workshop were as follows:

1. Inculcating the innovating skills among students in circuit building and simulation, and PCB designing with the help of software.
2. Giving hands-on exercise to students regarding PCB fabrication.
3. Familiarizing students regarding the types and uses of different switches, sensors and drivers.
4. Making students understand the concept of artificial intelligence and its utilization.

**Participants:**

50 students from the Dept. of Electrical Engineering and Electronics & Communication Engineering of the institute.

**Brief of the Program:**

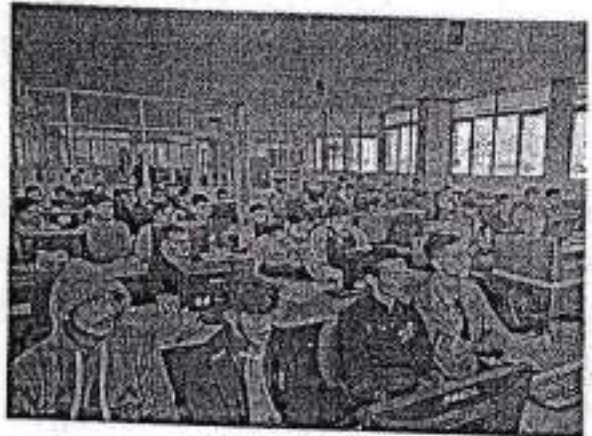
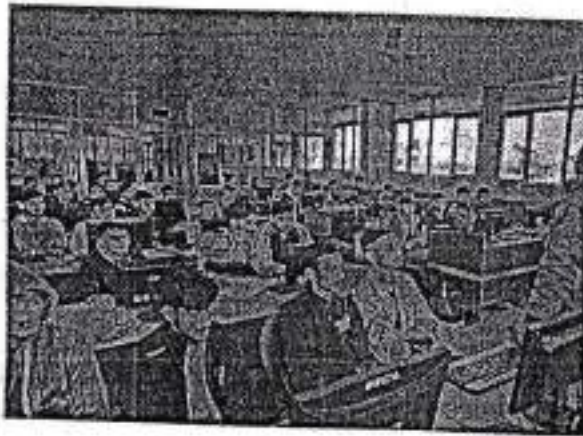
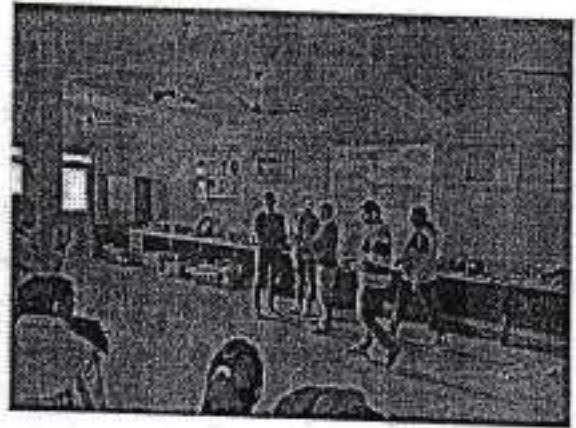
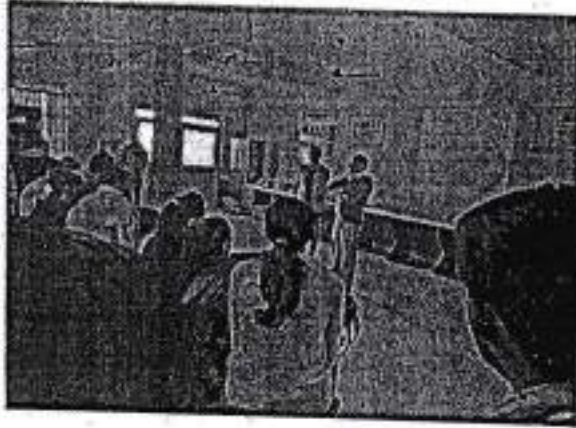
On the 1<sup>st</sup> day of the workshop, the students were familiarized with the different sensors, switches, and drivers and their utilization in commonly used circuits. On 2<sup>nd</sup> and 3<sup>rd</sup> days, students worked on circuit simulation software. On 4<sup>th</sup> day, an expert session on 'Artificial Intelligence' was conducted. Students were assigned various exercises regarding circuit designing on the following days. On 8<sup>th</sup> and 9<sup>th</sup> days, the circuits fabricated by students were evaluated and winners were awarded. The workshop was completed by an expert session by Dr. Mahesh K. Yadav, Director IIC, RPSCET.

**Banner:**

*Mahesh K. Yadav*  
Principal  
R.P.S. College of Engg. & Tech  
Balana Mohindergarh (HR.)



**Glimpses of Session:**



**Coordinator:**

Er. Pankaj Soni, Asst. Prof. & member IIC cell RPSGOI

Er. Vishal Kumar Mittal, Asst. Prof.



*Kalyan* Principal  
R.P.S. College of Engg. & Tech  
Balana Mohindergarh (HR.)

**Report of the  
One day  
Orientation session  
On**

**“New Education Policy 2020”  
(16<sup>th</sup> January, 2021)**

---

*Organized by  
Under the aegis of Institution's Innovation Council (IIC)*



**Rao Pahlad Singh Group of Institutions  
Mahendergarh**

*W. Prasad*  
R.P.S. College of Engg. & Tech  
Balana Mahendergarh (HR.)

## Background

- The Institution Innovation Council (IIC) of Rao Pahlad Singh Group of Institutions organized a one day Orientation session on Jan 16, 2021 titled "New Education Policy 2020". The Orientation session was conducted in Seminar Hall, RPSGOI Campus.

## Objectives

The objectives of this Orientation session/Seminar are to:

1. Make students aware of the importance of New Education Policy 2020 in coming future.
2. Identification of opportunities in New Education Policy.
3. Make them understand that How their unique ideas will help them to be a job creator and also the importance of their participation to make India a "Atmanirbhar Bharat".

## Participants

It was well received by more than 250 students from various Department of Engineering and Department of Management.

## Brief of the Program

An orientation session on "New Education Policy" was carried out at RPS College of Engineering & Technology, Satnali Road, Balana, Mahendergarh, Haryana, India-123029 on 16<sup>th</sup> January 2021, Tuesday at 11:30 am.

Dr. Mahesh Kumar Yadav, Director of RPSGOI started the session with a warm welcome of all the attendees and also introduced the guest speaker.

The session was taken over by the guest speaker Dr. Jitender Bhardwaj who is currently working as Registrar in Choudhary Bansilal University (CBLU), Bhiwani, Haryana.

The main objective behind this session was to make student aware about how various activities related to New Education Policy which are carried out by the Government of India and different Educational Organizations.

The chief guest, Dr. Jitender Bhardwaj, Registrar, Choudhary Bansilal University, Bhiwani, Haryana who discuss in detail about the new education policy in all respects.

Further he also expects that this new education policy will definitely relate our ancient and traditional values and reforms our education system that will ultimately on one day, India will become 'Vishvaguru'.

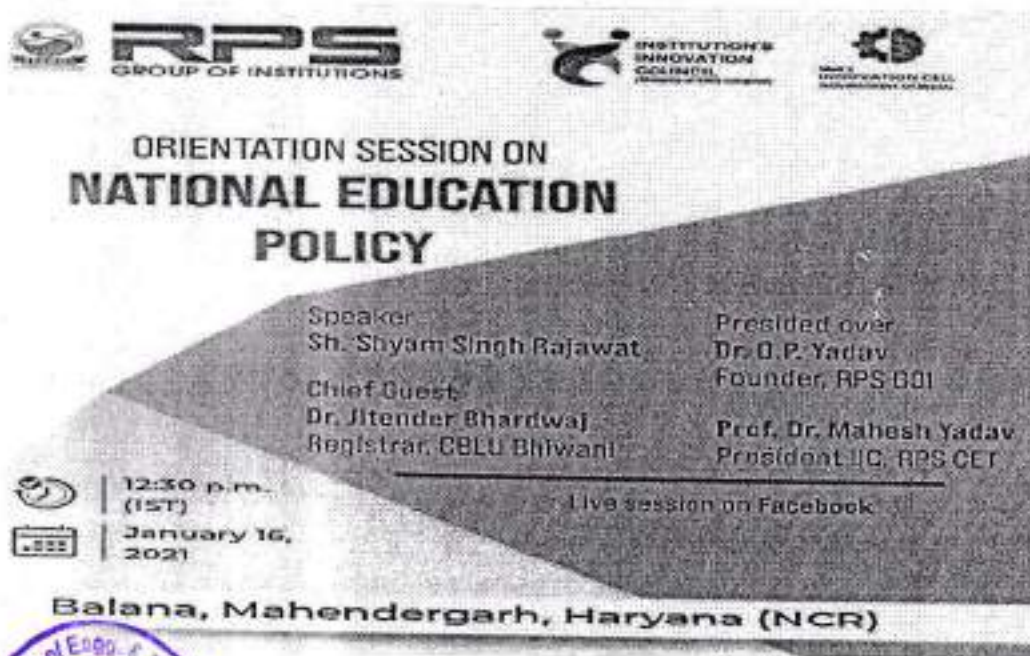


*M. Yadav*  
Director  
R.P.S. College of Engg & Tech  
Balana, Mahendergarh (HR.) 2

### Feedback from the Participants

The participants were highly satisfied with the Seminar on NEP 2020, and they found all the useful. The participants were thankful to the IIC, RPSGOI for conducting this Seminar.

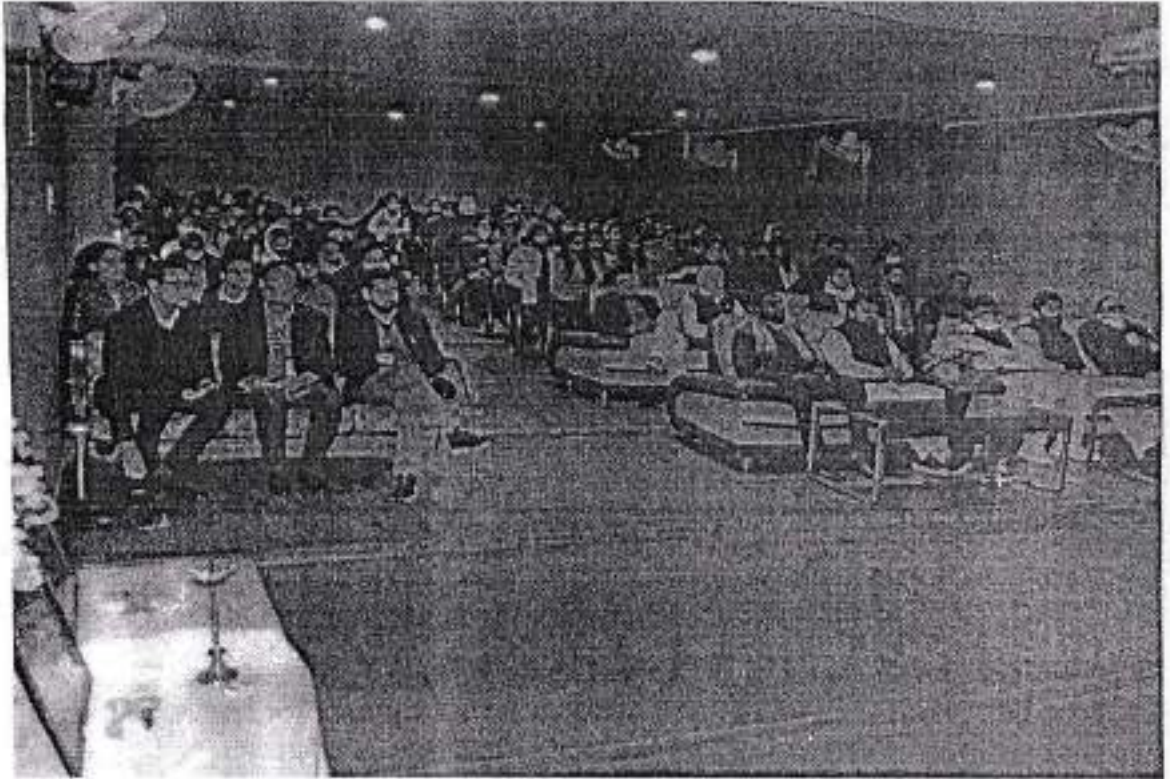
### Glimpse of Session:



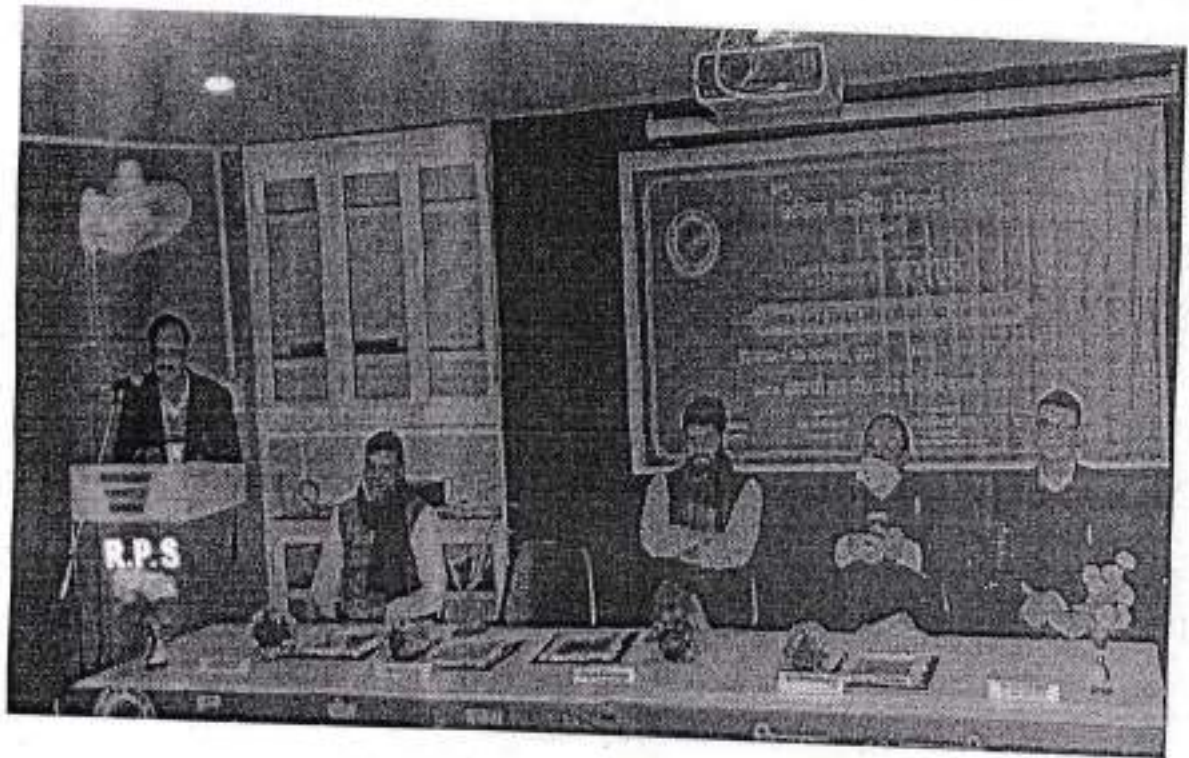
The banner features logos for RPS Group of Institutions, Institutional Innovation Council, and IIC. The main title is "ORIENTATION SESSION ON NATIONAL EDUCATION POLICY". It lists the speaker as Sh. Shyam Singh Rajawat, Chief Guest as Dr. Jitender Bhardwaj, and the session is presided over by Dr. D. P. Yadav and Prof. Dr. Mahesh Yadav. The date and time are 12:30 p.m. (IST) on January 16, 2021, and it is a live session on Facebook. The location is Balana, Mahendergarh, Haryana (NCR).



*D. P. Yadav*  
Principal  
RPS College of Engg. & Tech  
Balana Mohindergarh (HR.)



*Miyadon*  
Principal  
R.P.S College of Engg. & Tech  
Balana Mohindergarh (HR.)



1. Resource Persons:

Dr. Jitender Bhardwaj, Registrar, Choudhary Bansilal University, Bhiwani, Haryana.

2. Coordinators:

Prof. S. Yadav, Dean Academic Affairs, RPSGOI  
Prof. Karambir Sheoran, Asst. Prof., RPSGOI



*S. Yadav*  
Principal  
R.P.S. College of Engg. & Tech  
Balana Mohinderghar (HR.)

**Report of the**

**One day Workshop  
On**

**Expert talk on Startup & Entrepreneurship  
(18<sup>th</sup> January, 2021)**

*Organised by  
Under the aegis of Institution's Innovation Council (IIC)*



**Rao Pahlad Singh Group of Institutions  
Mahendergarh**

*P. P. P. P.*  
Principal  
R.P.S. College of Engg. & Tech  
Balana Mahendergarh (H.R.)

## Background

The Institution Innovation Council (IIC) of Rao Pahlad Singh Group of Institutions organized a one day workshop on Jan 18, 2021 titled "Expert talk on Startup & Entrepreneurship". The workshop was conducted live through Zoom meeting app and also live on facebook.

## Objectives

The objectives of this workshop are to:

1. Make students aware of the importance of Startups and Entrepreneurship in coming future.
2. Make them understand that How their unique ideas will help them to be a job creator and also the importance of their participation to make India a "Atmanirbhar Bharat".
3. Identification of opportunities in entrepreneurship.

## Participants

It was well received by more than 200 students from various Dept. of Engineering and Dept. of Management.

## Brief of the Program

The workshop was held on January 18<sup>th</sup>, 2021, Monday, at 12.30 PM. Dr. Mahesh Kumar Yadav, Director of RPSGOI started the session with a warm welcome of all the attendees and also introduced the guest speaker. The session was taken over by the guest speaker Ms. Sunanda Yadav who is currently working as Retail Sales and Marketing Manager in Intel Technology India Pvt. Ltd.

She initially started off by defining the Word 'Entrepreneurship' and gave the clear idea about the same. She mentioned all the essential factors to become a entrepreneurship. Along with knowledge, An individual needs to put lots of time patience and dedication to become a successful entrepreneur.

Further, She stressed the time factor that how a good idea at right time opens up the path to become a successful entrepreneur. She gave so many examples of startups that had arrived at wrong time and didn't work well in the market.

She also emphasized on TOYCATHON 2021(A step by Government of India to challenge India's Innovative minds) and explained how the participation of youth will impact the cultural & traditional development of country.

The entire session was extremely interactive session. The workshop ended with question and answer session in which students get their doubts solved.

  
Principal  
R.P.S. College of Engg. & Tech  
Balana Mohindergarh (HR.) 2



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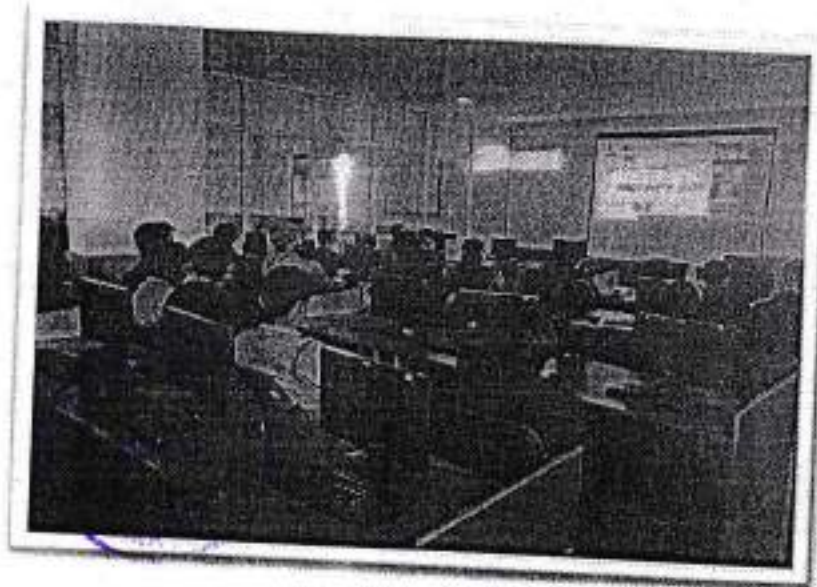
The entire session was extremely interactive session. The workshop ended with question and answer session in which students get their doubts solved.

  
Principal  
R.P.S. College of Engg. & Tech  
Balana Mohindergarh (HR.) 2

### Feedback from the Participants

The participants were highly satisfied with the workshop, and they found all the useful. Some of the Participants also get themselves registered in TOYCATHON 2021. The participants were thankful to the IIC, RPSGOI for conducting this workshop.

### Glimpse of Session



*Suvandya*  
Principal  
R.P.S. College of Engg. & Tech  
Balana Mohindergarh (HR.)

**Report of**

**One day  
Workshop  
On**

**Role of Innovation for Engineers**

*(Jan 27, 2021)*

*Organised by*

*Under the aegis of Institution's Innovation Council  
(IIC)*



**Rao Pahlad Singh Group of Institutions  
Balana, Mahendergarh (Haryana)**

*Rupinder*  
Principal  
R.P.S College of Engg. & Tech  
Balana Mohindergarh (HR.)

## Background

The Institution Innovation Council (IIC) of Rao Pahlad Singh Group of Institutions organised a one day workshop on Jan 27, 2021, titled "**Role of Innovation for Engineers**". The workshop was conducted live through Zoom Meeting App.

## Objectives

The objectives of this workshop are to:

1. To prepare the mindset of students about innovative ideas.
2. To discuss the various innovation-driven project/challenges
3. To recognise the latest and future issues and challenges in innovation.
4. To recognise and specify the best problem to solve and restate the problem as a function of its mutually exclusive and collectively exhaustive different dimensions.
5. To discuss the role of innovation in Engineers

## Participants

It was well-received by more than 300 students from various Branches of Engineering and Dept. of Management.

## Brief of the Program

The workshop was held on Jan 27, 2021, Wednesday, at 2:00 PM to 3:30 PM. Dr Mahesh Kumar Yadav, Director of RPSGOI, started the session with a warm welcome of all the attendees and also introduced the guest speaker. The session was taken over by the guest speaker Mr Vijay Pal Singh, an Innovation Ambassador, Assistant Professor in ECE, GJUST, Hisar.


He shared many ideas of history time which become very innovative. He also emphasised TOYCATHON 2021 (A step by Government of India to challenge India's Innovative minds). He explained how the participation of youth would impact the Innovation & idea development for the country. He also shared his recent innovation ideas with participants who are published in the past few years.

## Feedback from the Participants

The participants were highly satisfied with the workshop, and they found all the useful. Because it was a tool base practical session, students were much interested in this program. Some of the Participants have any queries about the ideas and Innovation creation. The participants were thankful to the IIC, RPSGOI for conducting this workshop.

## Glimpse of Session



  
Principal  
R.P.S. College of Engg. & Tech  
Balana Mohindergarh (HR.)

RPS Institute  
Innovation  
council



**RPS**  
GROUP OF INSTITUTIONS

## Role of Innovation for Engineers

**MR. VIJAY PAL SINGH**

Innovation Ambassador  
Assistant Professor in ECE  
CJUS&T, Hisar



DATE  
January 27<sup>th</sup>

TIME  
2:00 p.m.- 3:00 p.m.

Online session through ZOOM Meeting App  
Also live on Facebook



*Rupinder*  
Principal  
RPS College of Engg. & Tech  
Balana Mohindergarh (HR.)



**1. Resource Persons**

Mr Vijay Pal Singh, an Innovation Ambassador, Assistant Professor in ECE, GJUST, Hisar.

**2. Coordinators:**

Mr. Pankaj Soni, Asst. Prof., RPSGOI

Mr. Ashwini Saini, Asst. Prof., RPSGOI



**INNOVATION INSTITUTION COUNCIL (IIC)  
RPSCET, MAHENDERGARH**

**ORIENTATION SESSION ON NATIONAL INNOVATION AND START-UP  
POLICY (NISP)**

Innovation Institution Council (IIC) – RPSCET, has organized a one day orientation session on “National Innovation and Start-up Policy (NISP). It was organized for all the faculty members of RPSCET and well received by everyone on JAN 31<sup>st</sup>, 2021. This is an initiative by Ministry of Human Resource Development (MHRD), Govt. of India in association with All India Council of Technical Education (AICTE).

The session was organized online through ZOOM MEETING APP. Nearly 25 Faculty members from various branch of Engineering, Management attended the session. The session was conducted by Prof. R.S Yadav, Dean Academic Affairs, RPSCET. He explained about the National Innovation and Startup Policy and interacted with the Faculty members. The following topics were discussed related to Innovation and startup policy.

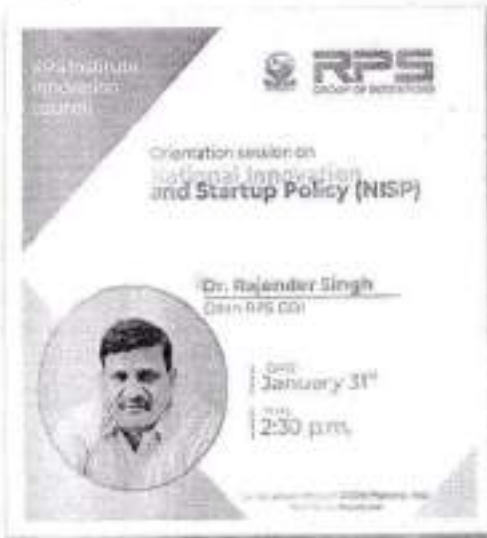
- Strategies and Governance
- Startups Enabling Institutional Infrastructure
- Nurturing Innovations and Startups.
- Product ownership rights for Technologies developed at institute
- Organizational capacity, Human Resources and Incentives
- Creating Innovation pipeline and pathways for Entrepreneurship development
- Norms for faculty startups
- Pedagogy and learning interventions for Entrepreneurship Development
- Collaboration, co-creation, business relationships and knowledge exchange
- Entrepreneurial Impact Assessment

**Outcome:**

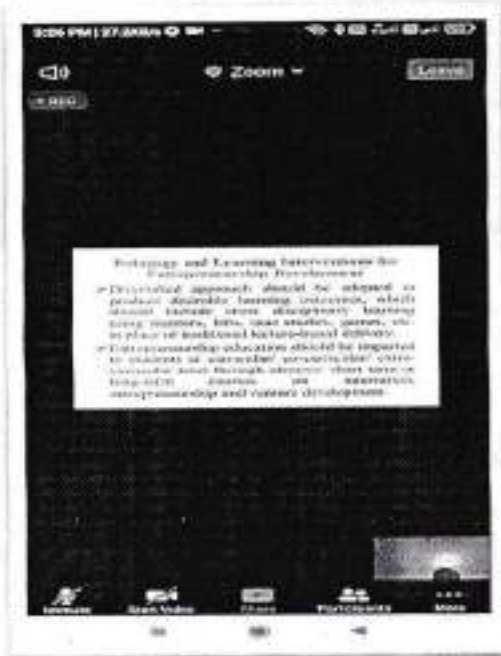
The faculty members were motivated to start a startup unit or a business model and guide the students in Entrepreneurial aspects.

  
Principal  
R.P.S. College of Engg. & Tech  
Balana Mohindergarh (HR.)

Glimpse of the session:



rR



*Rajender*  
Principal  
RPS College of Engg. & Tech  
Balana Mohindergarh (HR.)





**RESOURCE PERSON-**

Prof. Rajender Singh Yadav , Dean Academics Affairs, RPSCET.



*Rajender*  
 Principal  
 R.P.S College of Engg. & Tech  
 Balana Mohindergarh (HR.)

**A  
Report on**

**Expert talk on Intellectual Property Rights (IPRs)**  
*(25<sup>th</sup> February, 2021)*

*Organized by  
Under the aegis of Institution's Innovation Council (IIC)*



**Rao Pahlad Singh Group of Institutions  
Mahendergarh**

  
Principal  
R.P.S College of Engg. & Tech  
Balana Mohindergarh (HR.)

### **Background:**

The Institution Innovation Council (IIC) of Rao Pahlad Singh Group of Institutions organized an Expert talk on Intellectual Property Rights on Feb 25, 2021. The expert talk was conducted live through Zoom meeting app and also stream lived on Facebook.

### **Objectives:**

The objectives of this expert talk were as follows:

1. The main aim was to impart greater awareness about the issue of IPRs, which gained a special importance for all the domains of socio-economic development.
2. Make students and faculties aware of the importance of IPRs.
3. Make them understand that how their unique ideas can be get patented.

### **Participants:**

It was attended by faculty members and 200 students from various Dept. of Engineering and Dept. of Management of the institute.

### **Brief of the Program:**

The expert talk was held on January 25th Feb. 2021, Thursday, at 12.30 PM. Mr. Manish Kaushik, Assistant Professor of RPSGOI started the session with a warm welcome from all the attendees and also introduced the guest speaker. The session was taken over by the guest speaker Mr. Rutwik Rao who is currently working as a Patent Agent, Trademark attorney, and practices before the Bombay High Court, NCLT, and IPAB.

He started by defining the Word 'Intellectual' and gave a clear idea about the same. He mentioned all the essential factors related to IPRs. Then in detail, he covers up the terms patent, copyright, and trademark, how these differ from each other, what are their main specifications, how these can be filed in their relevant areas. Further, with the help of a flow chart, he talked about how a patent can be filed and what are the stages one has to go through while filing a patent.

The entire session was full of good examples and was very interactive. The workshop ended with a question and answer session in which students get their doubts solved. At the end Dr. JK Gothwal, Vice-principal RPSGOI thanked our keynote speaker and the entire IIC team for conducting the expert talk on the topic of great interest for all.



  
Principal  
R.P.S. College of Engg. & Tech  
Balana Mohindergarh (HR.)

### Feedback from the Participants

The participants were highly satisfied with the workshop, and they found all the useful. Some of the Participants also get themselves registered in TOYCATHON 2021. The participants were thankful to the IIC, RPSGOI for conducting this workshop.

### Glimpse of Session

**RPS**  
GROUP OF INSTITUTIONS

INSTITUTIONS  
COUNCIL OF  
INDIA

Expert talk on  
**STARTUP &  
ENTREPRENEURSHIP**

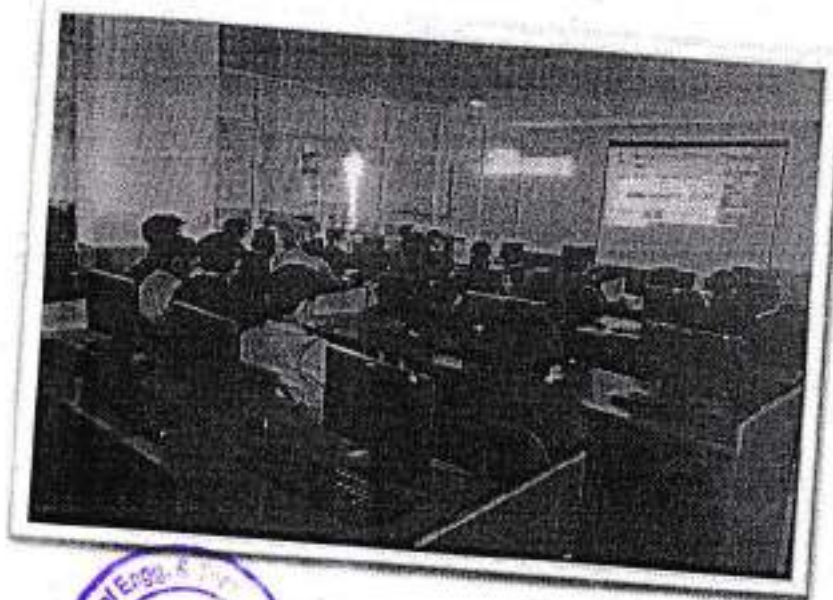
**Ms. Sumanda Yadav**  
Retail Sales and Marketing Manager  
Retail Techno/Trade Pvt. Ltd.

12:30 p.m.  
(IST)

January 19,  
2021

or Live Session through 200th Meeting April  
Also see on Facebook

Balana, Mahendergarh, Haryana (NCR)



*Sumanda Yadav*  
Principal  
R.P.S College of Engg & Tech  
Balana Mohindergarh (HR.)

A  
Report on  
Online Expert Lecture  
On  
Opportunities for Indian Students for Education and  
Employment in USA: Essential Hard and Soft Skills  
16<sup>th</sup> June 2021

*Organized by  
Institution's Innovation Council (IIC)*



**Rao Pahlad Singh Group of Institutions  
Mahendergarh, Haryana**



*M. Yadav*  
Principal  
R.P.S. College of Engg. & Tech  
Balana Mohendergarh (HR.)

### **Background:**

The Institution Innovation Council (IIC) of Rao Pahlad Singh Group of Institutions organized an Expert Lecture on "Opportunities for Indian Students for Education and Employment in USA: Essential Hard Skills" on 16<sup>th</sup> 2021. The expert lecture was conducted live through Zoom meeting app and facebook.

### **Objectives:**

The objectives of this expert talk were as follows:

1. To increase awareness among the students regarding education and employment opportunities in USA.
2. To update the students with necessary knowledge and skills for test/interview for education and employment purpose.
3. To encourage the students for enhancing hard and soft skills with special focus on English Communication Skills.

**Expert:** Prof. Devendra Sharma, Ph.D.

**Professor & Undergraduate Coordinator**

Department of Communication,  
California State University,  
Fresno, USA



### **Participants:**

The lecture was actively attended by nearly 250 faculty members and students through zoom meeting and Face book live.

### **Overview of the Program:**

The expert lecture was moderated by Dr. Ritu Mohan, Assistant Professor in English, Department of Applied Science. He introduced Prof. Devendra Sharma - the Expert to the students and the teachers. Dr. Mahesh Kumar Yadav, Director, RPSGOI welcomed the Expert on behalf of the institute. He also addressed the students and advised them to take the maximum benefit from the lecture.

Prof. Devendra Sharma started with discussing the journey and struggle of Indians for earning prestigious positions in the Corporate and the Political sector of USA. He also inspired the students by narrating his own journey from a common student to a Professor in one of the most reputed universities in USA.

Prof. Sharma stressed on the dire need of the hard as well as the soft skills for becoming and proving employable. He, by giving various significant examples advised the students for grooming themselves according to the present the upcoming demand of the job market. Prof. Sharma also discussed the process and regulations for pursuing higher studies and thereafter getting placement in USA.


Prof. Sharma also advised the students to follow rules and ethical ways to enter in USA for study and employment purposes. He warned the students to stay away from agents and fake agencies for admission and placement activities.

Prof. Sharma made the session interactive indeed. He encouraged the students to ask questions and answered all the questions of the students. Er. Manish Rao, CEO, RPSGOI also joined the session and interacted with Prof. Sharma. He invited Prof. Sharma to visit and address the students of RPSGOI physically when he visits INDIA next time.

  
Principal  
R.P.S. College of Engg. & Tech  
Balana Mohindergarh (HR.)

At the conclusion of the session, Dr. J K Gothwal, Vice-Principal of the institute thanked the speaker and the entire team for conducting the expert lecture.



  
Principal  
R.P.S. College of Engg. & Tech  
Balana Mohindergarh (HR.)

**A  
Report on  
National Webinar on Research, Innovation and Ranking  
(11th August 2021 Wednesday)**

*Organized by  
Institution's Innovation Council (IIC)*



**Rao Pahlad Singh Group of Institutions  
Mahendergarh**

*Khyada*  
Principal  
RPS College of Engg. & Tech  
Balamba Mahendergarh (HR.)



**Background:**

On account of "One Year of National Education Policy 2020", Ministry of Institution Innovation Council (MIC) organized a National Webinar on Research, Innovation, and Ranking on 11th August 2021 Wednesday. Dr. Rajkumar Ranjan Singh, Hon'ble Minister of State for Education and External Affairs, Govt. of India was the 'Chief Guest' for the program while Prof. K. VijayRaghavan, Principal Scientific Advisor, Govt. of India was the 'Guest of Honor'. The webinar was conducted live on you tube app.

**Participants:**

It was attended by 25 plus faculty members from various Dept. of Engineering and Dept. of Management of the RPS institute.

**Objective:**

Collaborating multi-discipline areas research, innovation and ranking.

**Brief of the Program:**

The program started with a welcome address by Shri Rakesh Ranjan, Additional Secretary(TE) and opening remarks by Shri Amit Khare, Secretary, HE. Dr. K. VijayRaghavan, Principal Scientific Advisor delivered the Keynote Address, followed by an Inaugural address by Dr. Rajkumar Ranjan Singh, Hon'ble Minister of State for Education and External Affairs, Govt. of India and vote of thanks by Dr. Abhay Jere, Chief Innovation Officer (CIO), Ministry of Education.

The webinar was comprised of three modes of panel discussion including 1) Ensuring Excellence and Relevance in Research 2) Building Innovation & Entrepreneurial Ecosystem and 3) Strategy for HEIs for excelling in Global Rankings. Each panel discussion was taken care by three separate experts.

The talks delivered by all the higher dignitaries were full of information and knowledge and On account of completing one year of national education policy, RPS group of institutions presents its sincere greetings.

**Outcome:**

The talks by the experts were full of examples and present scenarios, and the webinar insights about the following points in detail:

- 1) How research and innovation can be of great help in solving the problems of the common man.
- 2) Private players can be of great help for startup eco-system, innovation, and entrepreneur apart from government support.
- 3) Importance of innovation starting from school.
- 4) Reforms in the examination pattern.
- 5) Reforms in the global ranking system for institutions.
- 6) And importance of collaboration in research, innovation, and ranking.



*Vijay Raghavan*  
Principal  
R.P.S. College of Engg. & Tech  
Balana Mohindergarh (HR.)

**A  
Report on**

**Technical Poster/Paper Presentation**  
*(14<sup>th</sup> December, 2021)*



*Organized by*  
*Under the aegis of Institution's Innovation Council (IIC)*



**Rao Pahlad Singh Group of Initiations**  
**Mahendergarh**

*Dnyadan*  
Principal  
R.P.S. College of Engg. & Tech  
Balana Mahendergarh (HR.)

### Background:

The Institution Innovation Council (IIC) of Rao Pahlad Singh Group of Institutions organized a one-day technical poster presentation event on Dec 14, 2021. The aim of the event was to get innovative ideas from students to mitigate challenges in society.

### Objectives:

The objectives of the workshop were as follows:

1. Identifying the various challenges in society.
2. Determining solutions to the identified challenges.
3. Creating repositories of the various solutions.

### Participants:

25 students from the Dept. of Electrical Engineering and Electronics & Communication Engineering of the institute.

### Brief of the Program:

Students were prepared to identify the various challenges in society and encouraged to give solutions. The event started with the scrutiny of numerous ideas portrayed by students. The students were motivated to prepare and present posters to jury members. Prof. Dr. Jitender Gangwar, RPSGOI was the chief guest for the event. He admired the endeavors of students for this event. The event was concluded with the award ceremony.

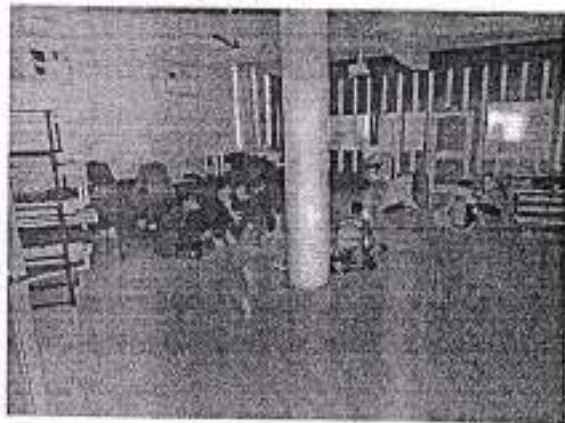
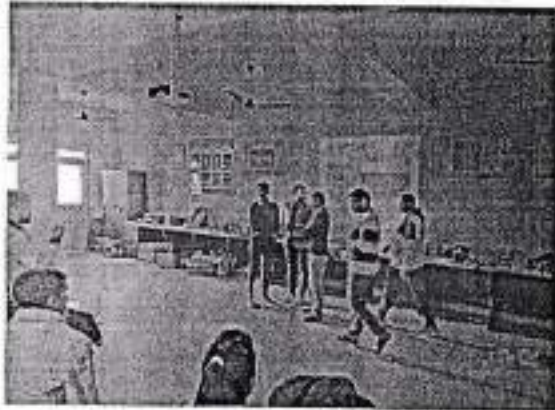
### Banner:



The banner features the RPS Group of Institutions logo and the Institution Innovation Council logo at the top. The text reads: 'Department of ECE/EE presents What's That?? An event on "Technical Poster/Paper presentation"'. The date is 'Dec. 14' and the time is '11:00A.M. onward'. Faculty Coordinators are 'Mr. Sandeep Yadav, ECE Dept.' and Students Coordinators are 'Saurav, Rishabh, Mohit, Rohit, Navneet'.

*Sandeep Yadav*  
Principal  
RPS College of Engg. & Tech  
Balana Mohindergarh (HR.)

Glimpses of Session:



Coordinator:

Er. Sandeep Kumar, Asst. Prof. & member IIC cell RPSGOI



*P. S. Das*  
Principal  
R.P.S. College of Engg. & Tech  
Balana Mohindergarh (HR.)

A  
Report on

**Impact of Artificial Intelligence on Human Life**  
(1<sup>st</sup> January, 2022)



*Organized by*  
*Under the aegis of Institution's Innovation Council (IIC)*



**Rao Pahlad Singh Group of Initiations**  
**Mahendergarh**

*Ajayada*  
Principal  
R.P.S. College of Engg. & Tech  
Balana Mohindergarh (HR.)

**Background:**

The Institution Innovation Council (IIC) of Rao Pahlad Singh Group of Institutions organized an expert talk on 'Impact of Artificial Intelligence on human life' on Jan 01, 2022.

**Objectives:**

The objectives of the event were as follows:

1. Making students understand artificial intelligence.
2. Familiarizing students with the scope of artificial intelligence.
3. Familiarizing students with the completed and ongoing projects employing artificial intelligence in CSIR-CEERI, Pilani.

**Participants:**

50 students from the Dept. of Electrical Engineering and Electronics & Communication Engineering of the institute.

**Brief of the Program:**

The event started with the welcome of Dr. Dhiraj Sangwan, Principal Scientist, SCSIR-CEERI, Pilani by Dr. Mahesh K. Yadav, Director, RPSCET. Dr. Dhiraj, first of all, briefed the students with the CSIR-CEERI, Pilani. He then discussed artificial intelligence and its scope in today's world. He shared the glimpses and talked about the various projects conducted by CSIR-CEERI, Pilani in the perspective of artificial intelligence. He motivated the students to come forward to carry on work in artificial intelligence. In the last, Dr. Mahesh K. Yadav, Director, RPSCET gave the vote of thanks to Dr. Dhjiraj for sharing his thoughts with the students.

**Banner:**

**RPS**  
GROUP OF INSTITUTIONS

INSTITUTIONS  
INNOVATION  
COUNCIL

Expert Lecture on

**IMPACT OF ARTIFICIAL  
INTELLIGENCE ON  
HUMAN LIFE**

DATE | TIME  
Jan. 01 | 11:00A.M. onwards

VENUE:  
**RPSCET, SEMINAR HALL**

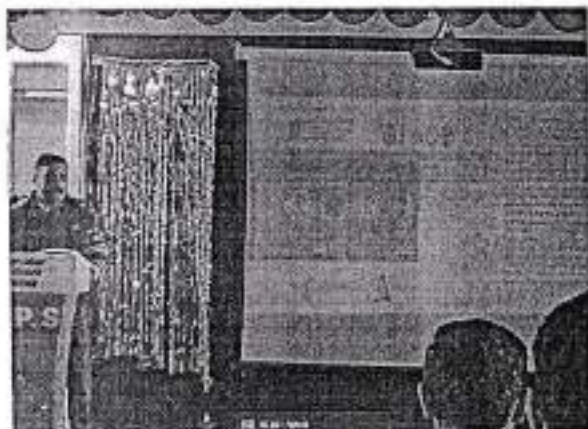
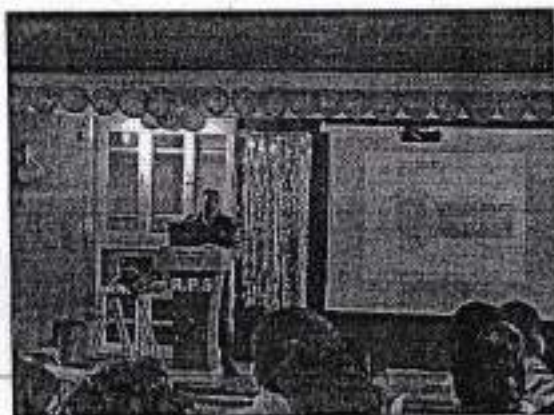
Also live on FACEBOOK

Faculty Coordinator: Mr. Pankaj Soni ECE Dept.



*Principal*  
R.P.S. College of Engg. & Tech  
Balana Mohindergam (HR.)

**Glimpses of Session:**



**Resource Person:**

Dr. Dhiraj Sangwan, Principal Scientist, CSIR-CEERI, Pilani

**Coordinator:**

Mr. Pankaj Soni, Asst. Prof. & member IIC cell RPSGOI



*K. Sangwan*  
Principal  
R.P.S College of Engg. & Tech  
Balana Mohindergarh (HR.)



*Ajayadav*  
Principal  
R.P.S. College of Engg. & Tech  
Balana Mohindergarh (HR.)





**RAO PAHLAD SINGH COLLEGE OF ENGG. & TECH.**

Approved by AICTE / Govt. of India & Affiliated to I.G.U., Meerpur

**Balana, Mohinderghar, Haryana - 123029**

Telephone: 01285-241431 Fax: 241434

E-mail: rpsbalana@gmail.com, Website: www.rpsinstitutions.org

A Report  
on

**CEMENT PROPERTIES WEBINAR**  
Organized by

**Department of Civil Engineering,**  
RPS CET, Balana  
Mahendergarh, Haryana  
at  
The COMPUTER LAB  
(RPSGOI)



**On 11 SEPT, 2018**  
From 10:00 am to 01:00 pm

  
Principal  
R.P.S. College of Engg. & Tech  
Balana Mohinderghar (HR.)

A webinar was organized by the Department of civil engineering for its students on 11 September, 2018 from 10:00 am to 01:00 pm in COMPUTER LAB, RPSGOI Mahendergarh.

Department of Civil Engineering Successfully conducted a Webinar Titled "CEMENT PROPERTIES" on 11-September-2018.

**Purpose:** The purpose of the programme was to make the students aware regarding cement properties.

**Participants:** 120 participants registered and got approval from the Civil Department for participating in the programme. The participants included both - the students as well as teachers.

**Mode:** The programme was organized through online mode.



PICTURE :



*W. J. J. J.*  
Principal  
RPS College of Engg. & Tech  
Balana Mohindergarh (HR.)

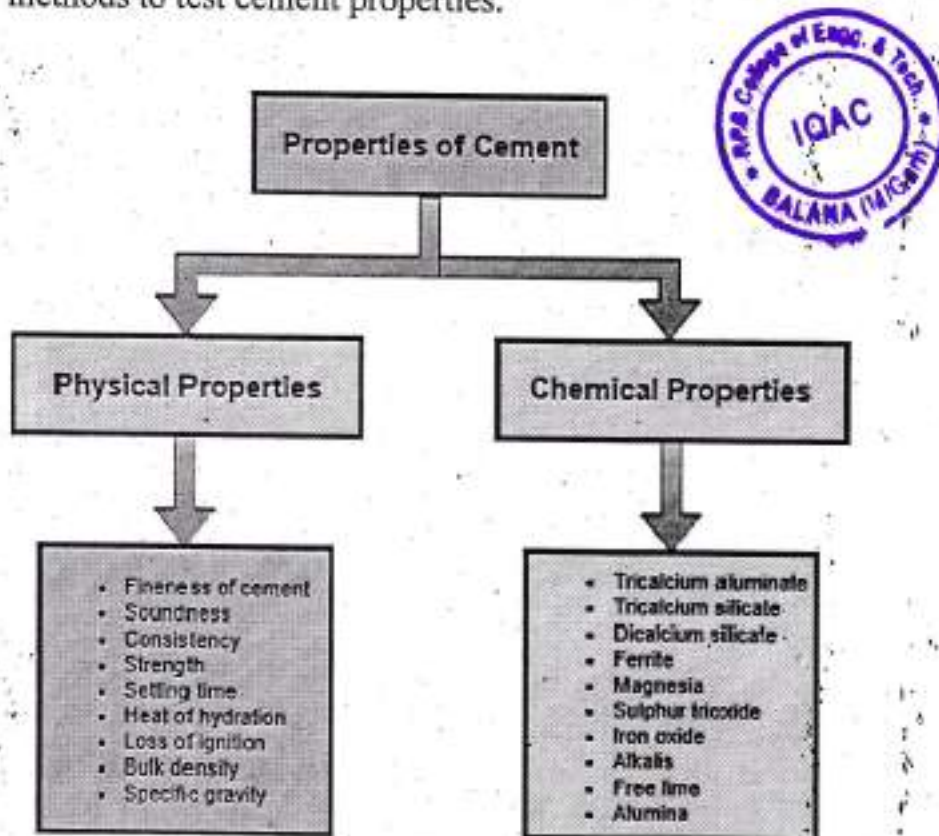
**Speaker/Conductor:** The Webinar was delivered by Mr, KANNAV SAINI ( Authorised Trainer Ultra tech Cement )

**Outcome:** The students participated actively in the session. They come to know the cement properties. After ending the session, they submitted their feedback orally.

## STUDENTS LEARNT –

### Cement

Cement, a popular binding material, is a very important civil engineering material. This article concerns the physical and chemical properties of cement, as well as the methods to test cement properties.



*Ujjwal*  
Principal  
R.P.S. College of Engg. & Tech  
Balana Mohindergarh (HR.)

## Physical Properties of Cement

Different blends of cement used in construction are characterized by their physical properties. Some key parameters control the quality of cement. The physical properties of good cement are based on:

- Fineness of cement
- Soundness
- Consistency
- Strength
- Setting time
- Heat of hydration
- Loss of ignition
- Bulk density
- Specific gravity (Relative density)

These physical properties are discussed in details in the following segment. Also, you will find the test names associated with these physical properties.

### Fineness of Cement

The size of the particles of the cement is its fineness. The required fineness of good cement is achieved through grinding the clinker in the last step of cement production process. As hydration rate of cement is directly related to the cement particle size, fineness of cement is very important.

### Soundness of Cement

Soundness refers to the ability of cement to not shrink upon hardening. Good quality cement retains its volume after setting without delayed expansion, which is caused by excessive free lime and magnesia.

### Tests:

Unsoundness of cement may appear after several years, so tests for ensuring soundness must be able to determine that potential.

- **Le Chatelier Test**

This method, done by using Le Chatelier Apparatus, tests the expansion of cement due to lime. Cement paste (normal consistency) is taken between glass slides and submerged in water for 24 hours at  $20 \pm 1^\circ\text{C}$ . It is taken out to measure the distance between the indicators and then returned underwater, brought to boil in 25-30 mins and boiled for an hour. After cooling the device, the distance between indicator points is measured again. In a good quality cement, the distance should not exceed 10 mm.



*K. S. Yadav*  
Principal  
R.P.S. College of Engg. & Tech  
Balana Mahendragarh (HR.)

### • Autoclave Test

Cement paste (of normal consistency) is placed in an autoclave (high-pressure steam vessel) and slowly brought to 2.03 MPa, and then kept there for 3 hours. The change in length of the specimen (after gradually bringing the autoclave to room temperature and pressure) is measured and expressed in percentage. The requirement for good quality cement is a maximum of 0.80% autoclave expansion.

Standard autoclave test: AASHTO T 107 and ASTM C 151: Autoclave Expansion of Portland Cement.

### Consistency of Cement

The ability of cement paste to flow is consistency.

It is measured by Vicat Test.

In Vicat Test Cement paste of normal consistency is taken in the Vicat Apparatus. The plunger of the apparatus is brought down to touch the top surface of the cement. The plunger will penetrate the cement up to a certain depth depending on the consistency. A cement is said to have a normal consistency when the plunger penetrates  $10 \pm 1$  mm.

### Strength of Cement

Three types of strength of cement are measured – compressive, tensile and flexural. Various factors affect the strength, such as water-cement ratio, cement-fine aggregate ratio, curing conditions, size and shape of a specimen, the manner of molding and mixing, loading conditions and age. While testing the strength, the following should be considered:

- Cement mortar strength and cement concrete strength are not directly related. Cement strength is merely a quality control measure.
- The tests of strength are performed on cement mortars, not on cement paste.
- Cement gains strength over time, so the specific time of performing the test should be mentioned.

### Compressive Strength

It is the most common strength test. A test specimen (50mm) is taken and subjected to a compressive load until failure. The loading sequence must be within 20 seconds and 80 seconds.

Standard tests:

- AASHTO T 106 and ASTM C 109: Compressive Strength of Hydraulic Cement Mortars (Using 50-mm or 2-in. Cube Specimens)
- ASTM C 349: Compressive Strength of Hydraulic Cement Mortars (Using Portions of Prisms Broken in Flexure)



*Rajinder*  
Principal

P.P.S. College of Engg. & Tech.  
Balana Mohindergarh (HR.)

### *Tensile strength*

Though this test used to be common during the early years of cement production, now it does not offer any useful information about the properties of cement.

### *Flexural strength*

This is actually a measure of tensile strength in bending. The test is performed in a 40 x 40 x 160 mm cement mortar beam, which is loaded at its center point until failure.

#### **Standard test:**

- i. ASTM C 348: Flexural Strength of Hydraulic Cement Mortars

### **Setting Time of Cement**

Cement sets and hardens when water is added. This setting time can vary depending on multiple factors, such as fineness of cement, cement-water ratio, chemical content, and admixtures. Cement used in construction should have an initial setting time that is not too low and a final setting time not too high. Hence, two setting times are measured:

- **Initial set:** When the paste begins to stiffen noticeably (typically occurs within 30-45 minutes)
- **Final set:** When the cement hardens, being able to sustain some load (occurs below 10 hours)

Again, setting time can also be an indicator of hydration rate.

#### **Standard Tests:**

- i. AASHTO T 131 and ASTM C 191: Time of Setting of Hydraulic Cement by Vicat Needle
- ii. AASHTO T 154: Time of Setting of Hydraulic Cement by Gillmore Needles
- iii. ASTM C 266: Time of Setting of Hydraulic Cement Paste by Gillmore Needles



*Aryadav*  
Principal

R.P.S. College of Engg. & Tech  
Balana Mohindergarh (HR.)

## Heat of Hydration

When water is added to cement, the reaction that takes place is called hydration. Hydration generates heat, which can affect the quality of the cement and also be beneficial in maintaining curing temperature during cold weather. On the other hand, when heat generation is high, especially in large structures, it may cause undesired stress. The heat of hydration is affected most by  $C_3S$  and  $C_3A$  present in cement, and also by water-cement ratio, fineness and curing temperature. The heat of hydration of Portland cement is calculated by determining the difference between the dry and the partially hydrated cement (obtained by comparing these at 7th and 28th days).

### Standard Test:

ASTM C 186: Heat of Hydration of Hydraulic Cement

## Loss of Ignition

Heating a cement sample at 900 - 1000°C (that is, until a constant weight is obtained) causes weight loss. This loss of weight upon heating is calculated as loss of ignition. Improper and prolonged storage or adulteration during transport or transfer may lead to pre-hydration and carbonation, both of which might be indicated by increased loss of ignition.

### Standard Test:

AASHTO T 105 and ASTM C 114: Chemical Analysis of Hydraulic Cement

## Bulk density

When cement is mixed with water, the water replaces areas where there would normally be air. Because of that, the bulk density of cement is not very important. Cement has a varying range of density depending on the cement composition percentage. The density of cement may be anywhere from 62 to 78 pounds per cubic foot.

## Specific Gravity (Relative Density)

Specific gravity is generally used in mixture proportioning calculations. Portland cement has a specific gravity of 3.15, but other types of cement (for example, portland-blast-furnace-slag and portland-pozzolan cement), may have specific gravities of about 2.90.

### Standard Test:

AASHTO T 133 and ASTM C 188: Density of Hydraulic Cement

## Chemical Properties of Cement

The raw materials for cement production are limestone (calcium), sand or clay (silicon), bauxite (aluminum) and iron ore, and may include shells, chalk, marl, shale, clay, blast furnace slag, slate. Chemical analysis of cement raw materials provides insight into the chemical properties of cement.



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1. **Tricalcium aluminate (C<sub>3</sub>A)**

Low content of C<sub>3</sub>A makes the cement sulfate-resistant. Gypsum reduces the hydration of C<sub>3</sub>A, which liberates a lot of heat in the early stages of hydration. C<sub>3</sub>A does not provide any more than a little amount of strength.

Type I cement: contains up to 3.5% SO<sub>3</sub> (in cement having more than 8% C<sub>3</sub>A)

Type II cement: contains up to 3% SO<sub>3</sub> (in cement having less than 8% C<sub>3</sub>A)

2. **Tricalcium silicate (C<sub>3</sub>S)**

C<sub>3</sub>S causes rapid hydration as well as hardening and is responsible for the cement's early strength gain and initial setting.

3. **Dicalcium silicate (C<sub>2</sub>S)**

As opposed to tricalcium silicate, which helps early strength gain, dicalcium silicate in cement helps the strength gain after one week.

4. **Ferrite (C<sub>4</sub>AF)**

Ferrite is a fluxing agent. It reduces the melting temperature of the raw materials in the kiln from 3,000°F to 2,600°F. Though it hydrates rapidly, it does not contribute much to the strength of the cement.

5. **Magnesia (MgO)**

The manufacturing process of Portland cement uses magnesia as a raw material in dry process plants. An excess amount of magnesia may make the cement unsound and expansive, but a little amount of it can add strength to the cement. Production of MgO-based cement also causes less CO<sub>2</sub> emission. All cement is limited to a content of 6% MgO.

6. **Sulphur trioxide**

Sulfur trioxide in excess amount can make cement unsound.

7. **Iron oxide/ Ferric oxide**

Aside from adding strength and hardness, iron oxide or ferric oxide is mainly responsible for the color of the cement.

8. **Alkalis**

The amounts of potassium oxide (K<sub>2</sub>O) and sodium oxide (Na<sub>2</sub>O) determine the alkali content of the cement. Cement containing large amounts of alkali can cause some difficulty in regulating the setting time of cement. Low alkali cement, when used with calcium chloride in concrete, can cause discoloration. In slag-lime cement, ground granulated blast furnace slag is not hydraulic on its own but is "activated" by addition of alkalis. There is an optional limit in total alkali content of 0.60%, calculated by the equation Na<sub>2</sub>O + 0.658 K<sub>2</sub>O.

9. **Free lime**

Free lime, which is sometimes present in cement, may cause expansion.

10. **Silica fumes**

Silica fume is added to cement concrete in order to improve a variety of properties, especially compressive strength, abrasion resistance and bond strength. Though setting time is prolonged by the addition of silica fume, it can grant exceptionally high strength. Hence, Portland cement containing 5-20% silica fume is usually produced for Portland cement projects that require high strength.





### 11. Alumina

Cement containing high alumina has the ability to withstand frigid temperatures since alumina is chemical-resistant. It also quickens the setting but weakens the cement.

Report is submitted for kind consideration please.

For and on behalf of Civil Department

Rao Pahlad Singh, Group of Institutions  
Balana, Mahenderharh, Haryana



  
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## Attendance Sheet

### Seminar on "INDUSTRY EXPECTATIONS FROM FRESHERS"

Date 24-March-2023

S. No.	Roll No.	Name	Signature
1	22CV01	NEERAJ	Neeraj
2	22CV02	VIVEK	Vivek
3	22CV05	AYUSH DHATTERWAL	
4	22CV06	DIMPLE	Dimple
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6	22CV08	ROHIT	Rohit
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10	22CV12	PRIYANKA	Priyanka
11	22CV13	ANKIT	Ankit
12	22CV15	ANJEET SINGH	Anjeet
13	22CV16	VINAY	Vinay
14	22CV19	AMIT	Amit
15	22CV20	AKSHAY	Akshay
16	22CV21	KUMUD	Kumud
17	22CV22	RAHUL	
18	22CV23	MANISH	Manish
19	22CV24	PARVEEN	Parveen
20	22CV25	ANKIT KUMAR	Ankit
21	L23CV26	KAVITA	Kavita
22	L23CV	DEEPIKA	Deepika
23	L23CV	MONU	Monu
24	L23CV	MAMTA	Mamta



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12	20CV14	ROHIT	<u>Rohit</u>
13	20CV15	SANDEEP GREWAL	<u>Sandeep</u>
14	20CV16	SHIV SHANKAR	<u>S. Shankar</u>
15	20CV17	SHUBHAM	<u>Shubham</u>
16	20CV19	TAKSHAT YADAV	<u>Takshat</u>
17	20CV20	SANDEEP KUMAR	<u>Sandeep</u>

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## EXPERT LECTURE ON "INDUSTRY EXPECTATIONS FROM FRESHERS"



On 24<sup>th</sup> March 2023, an expert lecture was organized by the Department of Civil Engineering, RPSCET, Balana, Mahendergarh. The topic of the lecture was "Industry Expectations from Freshers" and it was delivered by Prof. (Dr) Vikas Garg, an academician and Director of Trainings and Placement at CUH Mahendergarh.

The lecture began with a brief introduction to the current job scenario in the industry and the challenges faced by freshers in getting jobs. Dr. Garg emphasized the importance of developing relevant skills and knowledge to meet the expectations of the industry. He highlighted the need for students to be proactive in learning and developing practical skills that can be applied in the industry.



Dr. Garg discussed the essential skills that freshers need to possess to be successful in their careers. These skills include technical knowledge, communication skills, problem-solving abilities, adaptability, and teamwork. He stressed the importance of possessing these skills and emphasized that these skills are equally essential as academic qualifications.

Further, Dr. Garg explained the role of internships and industrial training in developing practical skills and gaining industry exposure. He urged students to participate in internships and training programs, which would provide them with hands-on experience and make them job ready.

The lecture was followed by a question-and-answer session, during which students asked various queries related to their career prospects and industry expectations. Dr. Garg addressed all the questions and provided valuable insights and suggestions.

In conclusion, the expert lecture on "Industry Expectations from Freshers" by Prof. (Dr) Vikas Garg was informative and insightful. The lecture provided students with valuable insights into the expectations of the industry and the essential skills that they need to possess to succeed in their careers. It was a great learning experience for all the students who attended the lecture.

  
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## Attendance Sheet

### Seminar on "PAVEMENT MAINTENANCE & REHABILITATION"

Date 29-March-2023

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24	L23CV	MAMTA	Mamta



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13	L22CV19	TUSHAR YADAV	<i>Tushar</i>



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17	20CV20	SANDEEP KUMAR	



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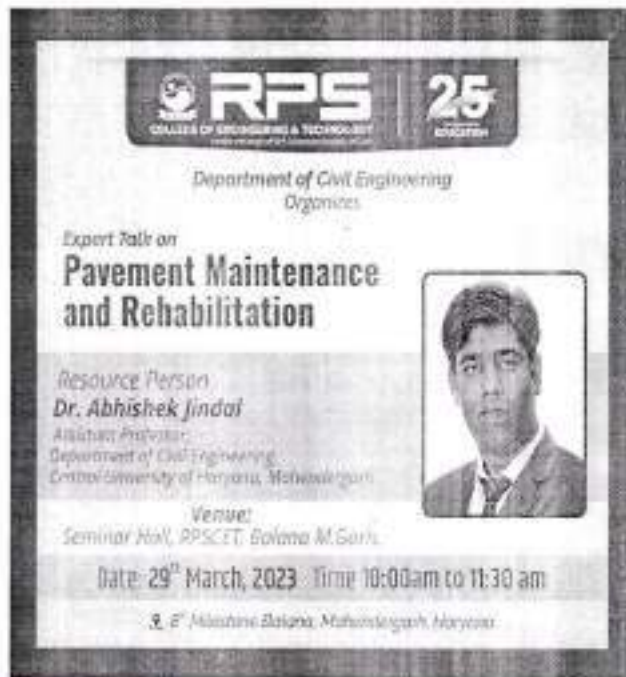
The knowledge and insights gained from Dr. Jindal's seminar will undoubtedly contribute to improving the maintenance and rehabilitation practices of pavements in the region, ensuring safer and more durable road networks in the future.



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## EXPERT LECTURE ON "PAVEMENT MAINTENANCE & REHABILITATION"



**Introduction:** On 29th March 2023, a seminar on "Pavement Maintenance & Rehabilitation" was conducted by Dr. Abhishek Jindal, Assistant Professor at the Department of Civil Engineering, Central University of Haryana. The seminar took place in the Seminar Hall of RPSCET, Balana Mahendergarh. The purpose of the seminar was to provide insights into effective strategies for the maintenance and rehabilitation of pavements.

### Presentation Highlights:

1. Dr. Abhishek Jindal began the seminar by introducing the importance of pavement maintenance and rehabilitation in ensuring the longevity and functionality of road infrastructure.
2. He emphasized the need to proactively address pavement distresses such as cracking, rutting, potholes, and surface deterioration to prevent further damage and maintain safety standards.
3. The speaker provided an overview of the various types of pavement distresses and their causes. This included discussing factors like traffic loading, environmental conditions, material quality, and construction practices that contribute to pavement deterioration.
4. The importance of regular pavement inspections and condition surveys was highlighted as a crucial step in identifying distresses and planning appropriate maintenance and rehabilitation strategies.
5. Dr. Jindal elaborated on different maintenance techniques, such as crack sealing, patching, and surface treatments, that are employed to address specific pavement distresses effectively. He discussed the advantages and limitations of each technique and emphasized the importance of selecting the most suitable method based on the specific pavement condition.
6. The seminar also covered the topic of pavement rehabilitation, focusing on techniques like overlaying, milling, and full-depth reclamation. Dr. Jindal highlighted the significance of considering factors such as pavement structure, traffic volume, and available budget while choosing the appropriate rehabilitation technique.
7. Additionally, the speaker discussed emerging trends in pavement maintenance and rehabilitation, including the use of advanced materials, intelligent transportation systems, and sustainable practices.

**Conclusion:** Dr. Abhishek Jindal's seminar on Pavement Maintenance & Rehabilitation provided valuable insights into the effective management of road infrastructure.

The seminar was well-attended, with participants from the Department of Civil Engineering, the event concluded with a question-and-answer session, allowing attendees to seek clarification on specific topics.

*Abhishek Jindal*  
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**Attendance Sheet**  
**Seminar on "Software Programming"**  
**Date 21-April-2022**

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2	19CV03	DEEPAK	Deepak
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6	19CV11	YASWANT YADAV	Yaswant
7	L20CV13	DEVESH YADAV	DEVESH YADAV
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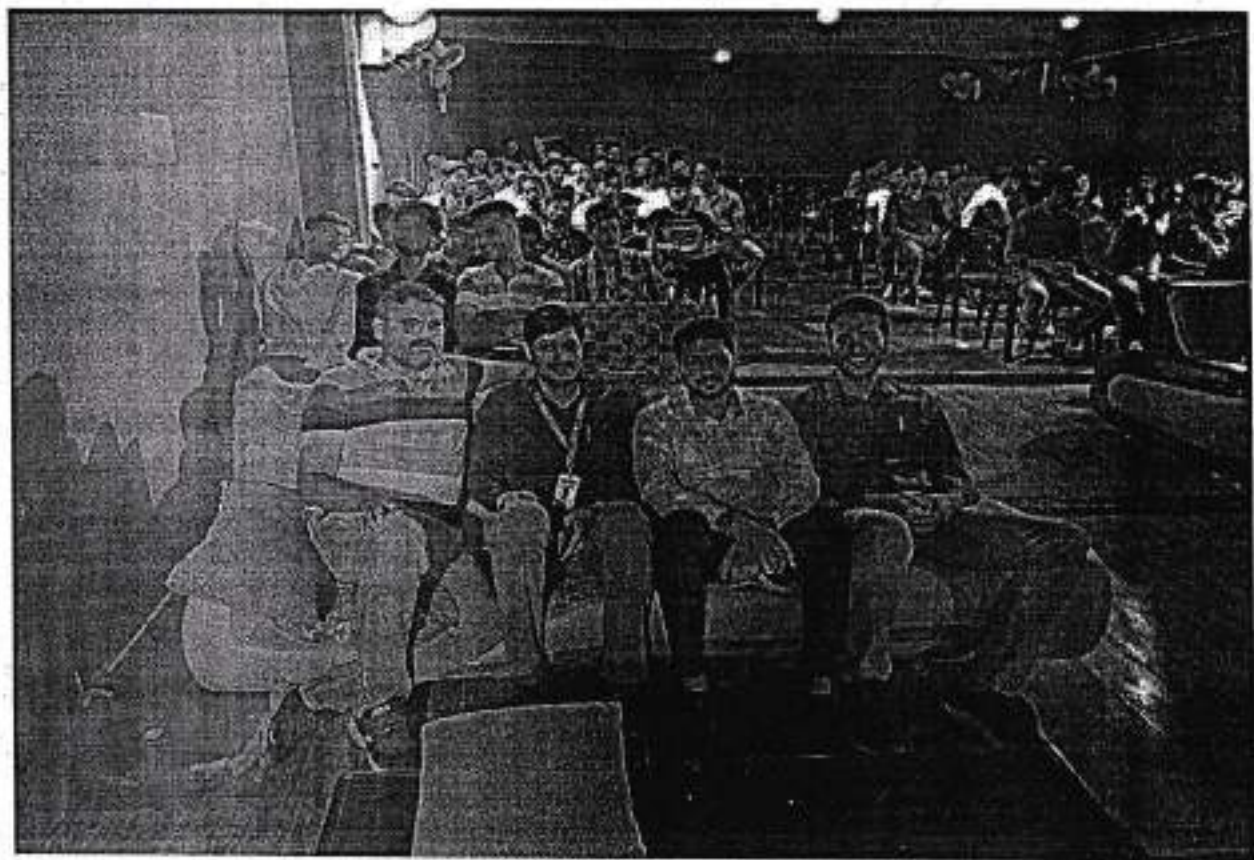
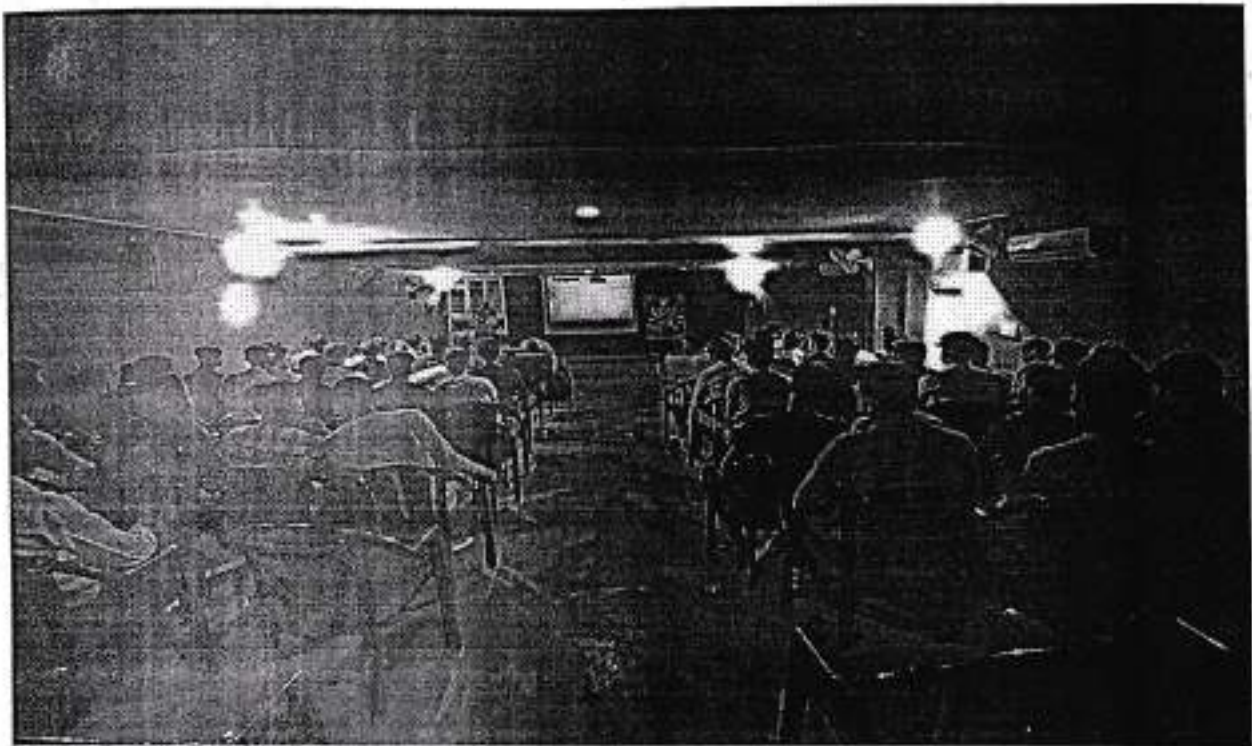
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Report is submitted for kind consideration please.

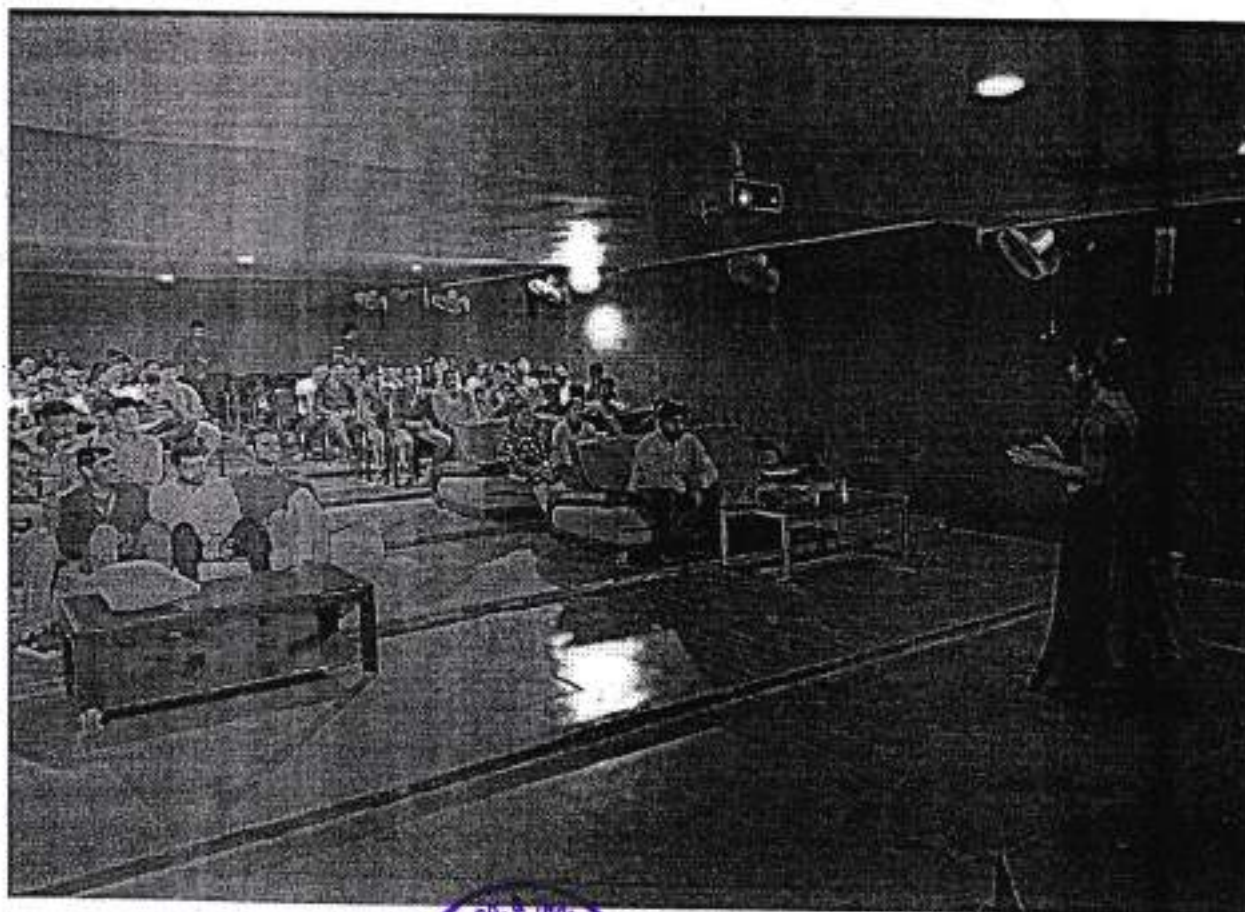
For and on behalf of Civil Department  
R.P.S. College of Engg. & Tech.  
Rao Pahlad Singh Group of Institutions (HR)  
Balana, Mahendergarh, Haryana

Speaker/Conductor: The programme was delivered by Manisha Yadav (CAD Desk-Rewari) and Mr. Pushpender Prajapati (CAD Desk-Jaipur).

Outcome: The students participated actively in the session. They come to know the purpose, need and fruitfulness of the software used in civil engineering. After ending the programme, they submitted their feedback orally.

Reviewer: Mr. Dharambir was the reviewer of the programme. He went through the feedbacks submitted by the participants.

Pictures:



*Manisha Yadav*  
Principal  
R.P.S. College of Engg. & Tech  
Balana Mohindergarh (HR.)

A software programming in civil was organized by the Department of civil engineering for its students on 21<sup>st</sup> April 2022 from 10:15-11:45 AM in the Seminar Hall of the institutions.

**Purpose:** The purpose of the programme was to make the students aware regarding present technology in the construction field using software.

**Participants:** 125 participants registered and got approval from the Civil Department for participating in the programme. The participants included both - the students as well the teachers.

**Mode:** The programme was organized in the offline/physical mode. It was however made live on youtube.

Expert Lecture on  
**SOFTWARE PROGRAMMING IN  
CIVIL & MECHANICAL ENGG.**

SPEAKER



MANSHA YADAV  
CAD Desk - Bawal

SPEAKER



MR. PUSHPENDER PRAJAPATI  
CAD Desk - Jaipur

21<sup>st</sup> April 2022  
10:15 AM

BALANA



**RPS**  
GROUP OF INSTITUTIONS  
Under the aegis of RPS Education Society, M/Garb.

*Principal*  
R.P.S College of Engg. & Tech  
Balana Mohindergarh (HR.)



# RAO PAHLAD SINGH COLLEGE OF ENGG. & TECH.

Approved by AICTE / Govt. of India & Affiliated to I.G.U., Meerpur

Balana, Mohindergarh, Haryana - 123029

Telephone: 01285-241431 Fax: 241434

E-mail: rpsbalana@gmail.com, Website: www.rpsinstitutions.org

A Report  
on

## SOFTWARE PROGRAMMING IN CIVIL ENGG.


organized by

Department of Civil Engineering,  
RPS CET, Balana  
Mahendergarh, Haryana  
at

The Seminar Hall  
(RPSGOI)

On 21<sup>st</sup> April 2022  
from 10:15 to 11:45am



  
Principal  
R.P.S. College of Engg. & Tech  
Balana Mohindergarh (HR.)



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Balsana, Mohindergarh, Haryana - 123029

Telephone: 01285-241431 Fax: 241434

E-mail: rpsahlanah@gmail.com Website: www.rpsinstitutions.org

## Attendance Sheet Webinar on "IPR" Date 25-February-2021

S. No.	Roll No.	Name	Signature
1	20CV01	ARUN	Arun
2	20CV02	DEEPIKA	Deepika
3	20CV03	HAPPY	Happy
4	20CV04	HEMANT KU SHEORAN	Hemant
5	20CV07	MOHIT KUMAR	mohit
6	20CV08	NIKHIL YADAV	Nikhil
7	20CV09	NISHA KUMARI	Nisha
8	20CV10	PAWAN KUMAR	Pawan
9	20CV11	PRASHANT KUMAR	Prashant
10	20CV12	RAHUL	Rahul
11	20CV13	RAVINDER SINGH	Ravinder
12	20CV14	ROHIT	Rohit
13	20CV15	SANDEEP GREWAL	Sandeep
14	20CV16	SHIV SHANKAR	Shiv Shankar
15	20CV17	SHUBHAM	Shubham
16	20CV19	TAKSHAT YADAV	Takshat
17	20CV20	SANDEEP KUMAR	Sandeep

  
Principal  
R.P.S. College of Engg. & Tech  
Balsana Mohindergarh (HR.)



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6	19CV11	YASWANT YADAV	Yaswant
7	L20CV13	DEVESH YADAV	DEVESH YADAV
8	L20CV14	ANISH	ANISH.
9	L20CV15	BALRAM	Balram
10	L20CV16	NISHANT	Nishant
11	L20CV17	YOGESH KUMAR	Yogesh
12	L20CV18	PARDEEP	Pardeep
13	L20CV19	SHUBHAM KUMAR	Shubham



*W. Yadav*  
Principal

R.P.S. College of Engg. & Tech  
Balana Mohindergarh (HR.)



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E-mail: rpsbalaha@gmail.com Website: www.rpsinstitutions.org

## Attendance Sheet

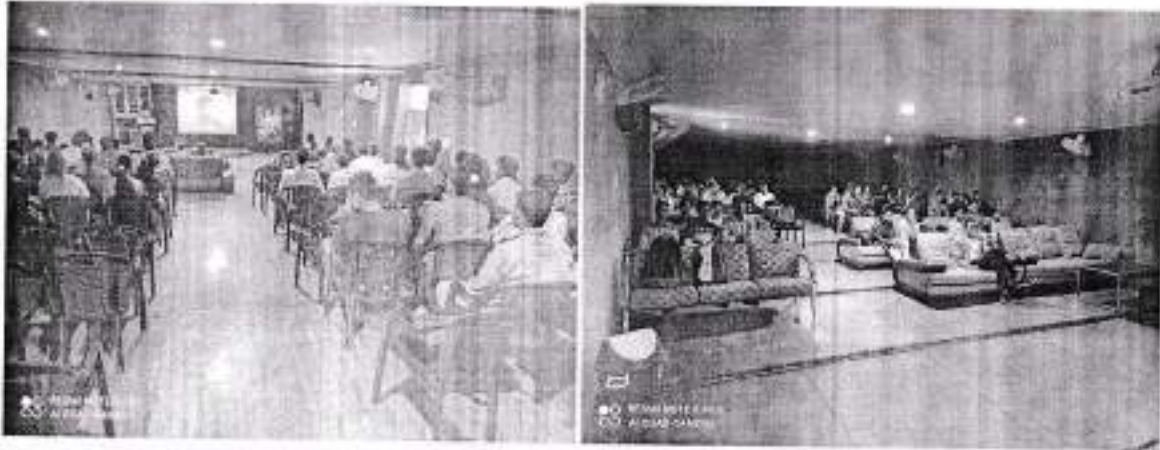
### Webinar on "IPR"

Date 25-February-2021

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5	18CV14	RAVINDER	Ravinder
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7	18CV17	VIKASH MAAN	Vikash
8	18CV18	VISHAL	Vishal
9	18CV20	YOGESH KUMAR	Yogesh
10	L19CV22	ANKIT	Ankit
11	L19CV23	NAVEEN KUMAR	Naveen
12	L19CV24	PARAS	Paras
13	L19CV25	NAVEEN	Naveen
14	L19CV26	NAVEEN KUMAR	Naveen
15	L19CV27	TARUN SHARMA	Tarun



  
Principal  
R.P.S. College of Engg. & Tech  
Balaha Mohindergarh (HR.)



**Resource Persons:**

Mr. Rutwik Rao Patent Agent, Trademark attorney, and practices before the Bombay High Court, NCLT, and IPAB.

**Coordinator:**

Mr. Manish Kaushik, Asst. Prof. & member IIC cell RPSGOI.



*Principals*  
Principal  
R.P.S. College of Engg. & Tech  
Balana, Mundergarn (HR.)



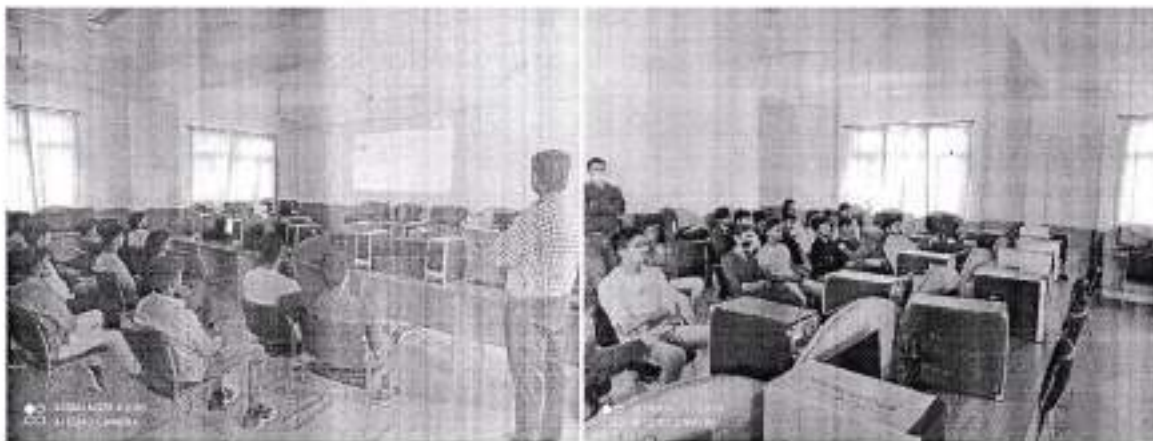
### Feedback from the Participants:

A feedback from the faculty members and students were taken, the participants were thankful to the IIC, RPSGOI for conducting this expert talk.

### Banner:



### Glimpse of Session:



*Principal*  
Principal  
R.P.S. College of Engg. & Tech  
Balana Mohindergarh (HR.)

**Background:**

The Institution Innovation Council (IIC) of Rao Pahlad Singh Group of Institutions organized an Expert talk on Intellectual Property Rights on Feb 25, 2021. The expert talk was conducted live through Zoom meeting app and also stream lived on Facebook.

**Objectives:**

The objectives of this expert talk were as follows:

1. The main aim was to impart greater awareness about the issue of IPRs, which gained a special importance for all the domains of socio-economic development.
2. Make students and faculties aware of the importance of IPRs.
3. Make them understand that how their unique ideas can be get patented.

**Participants:**

It was attended by faculty members and 200 students from various Dept. of Engineering and Dept. of Management of the institute.

**Brief of the Program:**

The expert talk was held on January 25th Feb. 2021, Thursday, at 12.30 PM. Mr. Manish Kaushik, Assistant Professor of RPSGOI started the session with a warm welcome from all the attendees and also introduced the guest speaker. The session was taken over by the guest speaker Mr. Rutwik Rao who is currently working as a Patent Agent, Trademark attorney, and practices before the Bombay High Court, NCLT, and IPAB.

He started by defining the Word 'Intellectual' and gave a clear idea about the same. He mentioned all the essential factors related to IPRs. Then in detail, he covers up the terms patent, copyright, and trademark, how these differ from each other, what are their main specifications, how these can be filed in their relevant areas.

Further, with the help of a flow chart, he talked about how a patent can be filed and what are the stages one has to go through while filing a patent.

The entire session was full of good examples and was very interactive. The workshop ended with a question and answer session in which students get their doubts solved. At the end Dr. JK Gothwal, Vice-principal RPSGOI thanked our keynote speaker and the entire IIC team for conducting the expert talk on the topic of great interest for all.



A handwritten signature in green ink, appearing to read "Rutwik Rao".

Principal  
R.P.S. College of Engg. & Tech  
Balana Mohindergarn (H.R.)

**A  
Report on**

**Expert talk on Intellectual Property Rights (IPRs)**  
*(25<sup>th</sup> February, 2021)*

*Organized by  
Under the aegis of Institution's Innovation Council (IIC)*



**Rao Pahlad Singh Group of Institutions  
Mahendergarh**

*Aryada*  
Principal  
R.P.S. College of Engg. & Tech  
Balana Mohendergarh (HR.)



# RAO PAHLAD SINGH COLLEGE OF ENGG. & TECH.

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E-mail: rpsbalana@gmail.com, Website: www.rpsinstitutions.org

## Attendance Sheet Seminar on "Career Opportunity" Date 15-January-2021

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14	20CV16	SHIV SHANKAR	Shiv
15	20CV17	SHUBHAM	Shubham
16	20CV19	TAKSHAT YADAV	Takshat
17	20CV20	SANDEEP KUMAR	Sandeep



*Pragya*  
Pragya

R.P.S. College of Engg. & Tech  
Balana Mohindergarh (HR.)



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Principal

R.P.S. College of Engg. & Tech  
Balana Mohindergarh (HR.)



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14	L19CV26	NAVEEN KUMAR	Naveen
15	L19CV27	TARUN SHARMA	Tarun

  
Principal  
R.P.S. College of Engg. & Tech  
Balana Mohindergarh (HR.)

Pollution Control Boards, Building and Construction department of organizations and the list is endless.

The profiles in the government sector include Assistant Engineer, Assistant Executive Engineer, Executive Engineer, Chief Engineer etc, and starts from Trainee Engineer to Chief Executive Officer in the private sector.

### **Civil Engineering Career in Private Sector**

In private sector, jobs for civil engineers are offered in construction and design. A civil engineer with a good knowledge of CAD Software, Finite Element Analysis, and along with other skill-set fits perfectly in an organization. Average Salary Package of a civil engineer in private sector ranges from 2.5 LPA to 3.5 LPA.

A large number of players are available to hire civil engineers in private sector i.e L&T, Tata Projects Limited, Gammon India, Gammon Infrastructure Projects Limited, Omaxe, Supertech, Shapoorji & Pallonji Group, GMR Group, Infrastructure Lease & Financial Services, Hindustan Construction Company, Afcons Infrastructure Limited, Gammon India Limited, Reliance Infrastructure, Ashoka Buildcon, B L Kashyap & Sons Ltd, Consolidated Construction Consortium Ltd, Essar Group, IRCON International Ltd, Jaypee Group, Nagarjuna Construction Company Ltd, National Building Construction Corporation Limited, Punj Lloyd etc to name a few.

Civil engineers thus play a pivotal role in shaping the economy of a country. A civil engineer has an upper edge over engineers from other branches as they have equal opportunities in government as well as in the private sector. They can start their own ventures of consulting or construction at career commencement or after gaining a few years of professional experience.

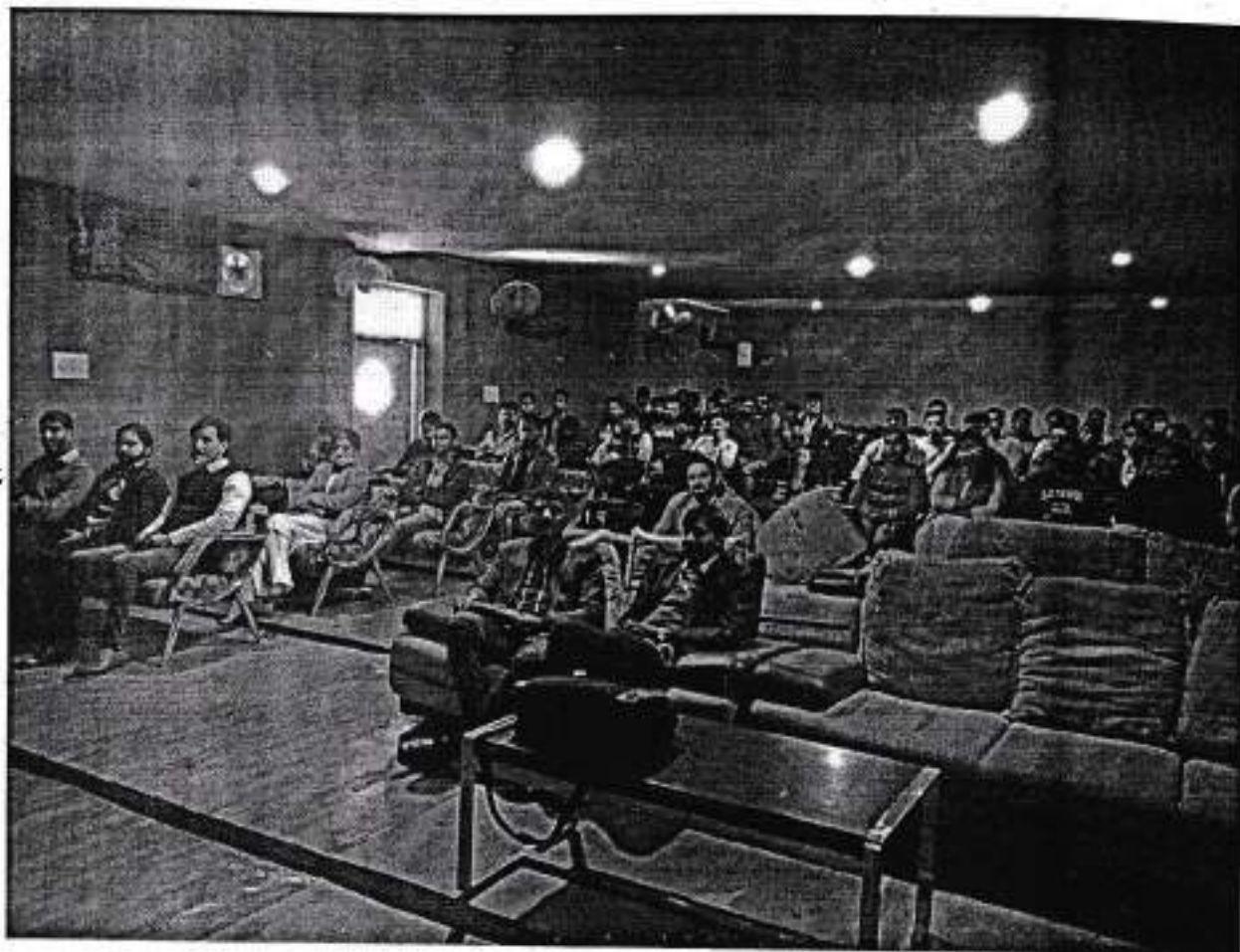
Report is submitted for kind consideration please.

For and on behalf of Civil Department

Rao Pahlad Singh Group of Institutions  
Balana, Mahenderharh, Haryana



*K. P. Singh*  
Principal  
RPS College of Engg. & Tech  
Balana Mohindergarh (HR.)



## STUDENTS LEARNT -

### Civil Engineering Career in Government Sector

Working in the government sector not just comes with stability and good salary but also with the factor of job security. Indian Engineering Services is one of the sought after field as it provides almost equal benefits as offered to IAS officers and Civil Servants. Pay Scale for Civil Engineers in Govt. jobs starts from INR 45,000 to INR 50,000.

The versatility of the civil engineering branch exists in the fact that it has ample opportunities for all. Equal numbers of opportunities are available for Civil engineers both in government as well as in the private sector. Various fields in government sector offer jobs for civil engineers: Municipal Corporations, Jal Boards, Delhi Development Authority, New Delhi Municipal Corporation, Metro Rail, National Highway Authority of India, Indian Oil Corporation, Delhi State Industrial Development Corporation, Public Works Department, Central Public Works Department, Border Roads Organization, Military Engineering Services, Airport Authority of India, Indian Air Force, Railways, Irrigation & Flood control department, Public Health Engineering department, National Hydro-electric Power Corporation, National Thermal Power Corporation, Oil and Natural Gas Corporation Limited, Defence Research and Development Organisation, RITES, DRDO,

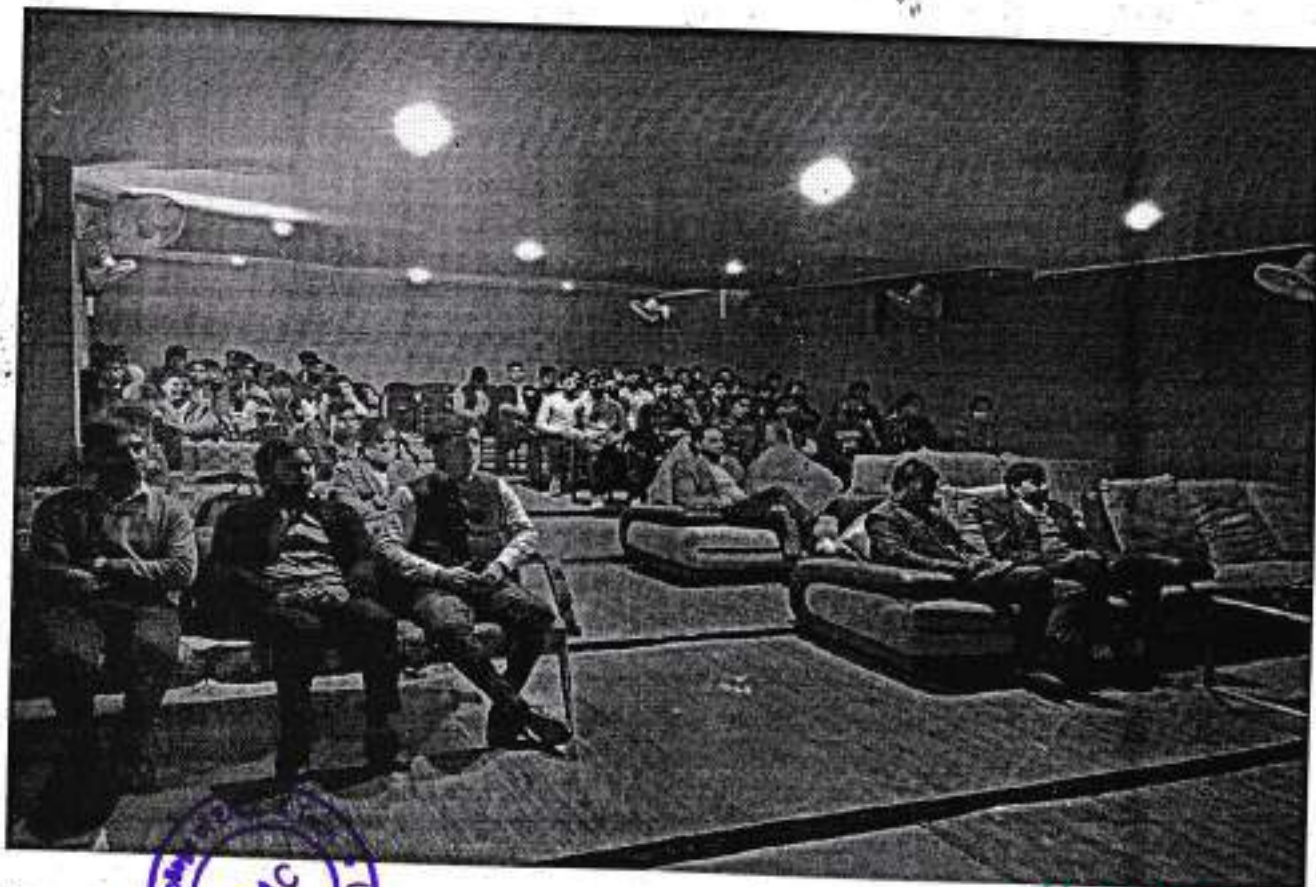


Speaker/Conductor: The Seminar was delivered by **Dr. Vikash Garg**  
(HOD CIVIL ENGG. DEPARTMENT-CENTRAL UNIVERSITY  
HARYANA )



Outcome: The students participated actively in the session. They come to know the Carrer Oppurtunity. After ending the session, they submitted their feedback orally.

PICTURE -



*Ujjwal*  
Principal  
R.P.S. College of Engg. & Tech  
Balana Mohindergarh (HR.)

A webinar was organized by the Department of civil engineering for its students on 15 JANUARY , 2021 from 10:00 am to 01:00 pm in SEMINAR LAB, RPSGOI Mahendergarh.

Department of Civil Engineering Successfully conducted a Webinar Titled "Carrer Oppurtunity" on 15 JANUARY , 2021.

**Purpose:** The purpose of the programme was to make the students aware regarding Carrer *Oppurtunity*.

**Participants:** 80 participants registered and got approval from the Civil Department for participating in the programme. The participants included both - the students as well as teachers.

**Mode:** The programme was organized through Offline mode.

PICTURE :



*K. K. Yadav*  
Principal  
R.P.S. College of Engg. & Tech  
Balana Mohundergarh (HR.)



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E-mail: rpsbalana@gmail.com, Website: www.rpsinstitutions.org

A Report  
on

## ***CARRER OPPURTUNITY SEMINAR***

Organized by

**Department of Civil Engineering,**

**RPSCET, Balana**

**Mahendergarh, Haryana**

at

**The SEMINAR HALL**

**(RPSGOI)**

**On 15 JANUARY , 2021**

**From 10:00 am to 01:00 pm**



  
Principal  
R.P.S. College of Engg. & Tech  
Balana Mohindergarh (HR.)



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## Attendance Sheet

### Webinar on "The future of Digital Construction"

Date 04-February-2022

S. No.	Roll No.	Name	Signature
1	21CV01	KAPIL	<u>Aneuman</u>
2	21CV02	MOHD SUHAIL	<u>Suhail</u>
3	21CV03	VINAY KUMAR	<u>Viney</u>
4	21CV04	PANKAJ	<u>Pankaj</u>
5	21CV07	SUMIT SINGH	<u>Sumit Singh</u>
6	21CV09	KHUSHBU	<u>Khushbu</u>
7	21CV10	ANKIT SHARMA	<u>Ankit</u>
8	21CV11	SACHIN KUMAR	<u>Sachin</u>
9	L22CV13	SWEETY	<u>Sweety</u>
10	L22CV15	VIKAS YADAV	<u>Vikas</u>
11	L22CV17	VANSH	<u>Vansh</u>
12	L22CV18	VARSHA	<u>Varsha</u>
13	L22CV19	TUSHAR	<u>Tushar</u>



Ajayada  
Principal

R.P.S. College of Engg. & Tech  
Balana Mohindergarh (HR.)



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**Date 04-February-2022**

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15	20CV17	SHUBHAM	Shubham
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Principal  
R.P.S. College of Engg. & Tech  
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13	L20CV19	SHUBHAM KUMAR	Shubham



Principal  
R.P.S. College of Engg. & Tech  
Balana Mohindergarh (HR.)



# Certificate Of Participation 2022

This is to Certify Successful Participation  
for the Webinar,

**"The Future Of Digital Construction"**  
by Olous App

Rao Pahlad Singh Institute of Engineering  
and Technology Harayana  
On 4 February 2022



#LetsConnectOnOlous

Olous Digital Community

*Prayash*  
Principal  
R.P.S. College of Engg. & Tech  
Balana Mohindergarh (HR)

not holding up well, leaving significant gaps in capabilities and reducing competitiveness.

The problem is made worse by the stigma attached to the industry among younger generations. Recent graduates who are very qualified for construction technology jobs often don't find the industry attractive and don't consider it a worthwhile career choice.

Will the adoption of digital construction technologies incite a change in perception and help attract these digital natives? Those who respond will find no lack of opportunities. According to the U.S. Bureau of Labor Statistics, openings for construction managers alone are expected to rise by 10 percent from 2018-2028, double the average rate for most occupations.

Report is submitted for kind consideration please.

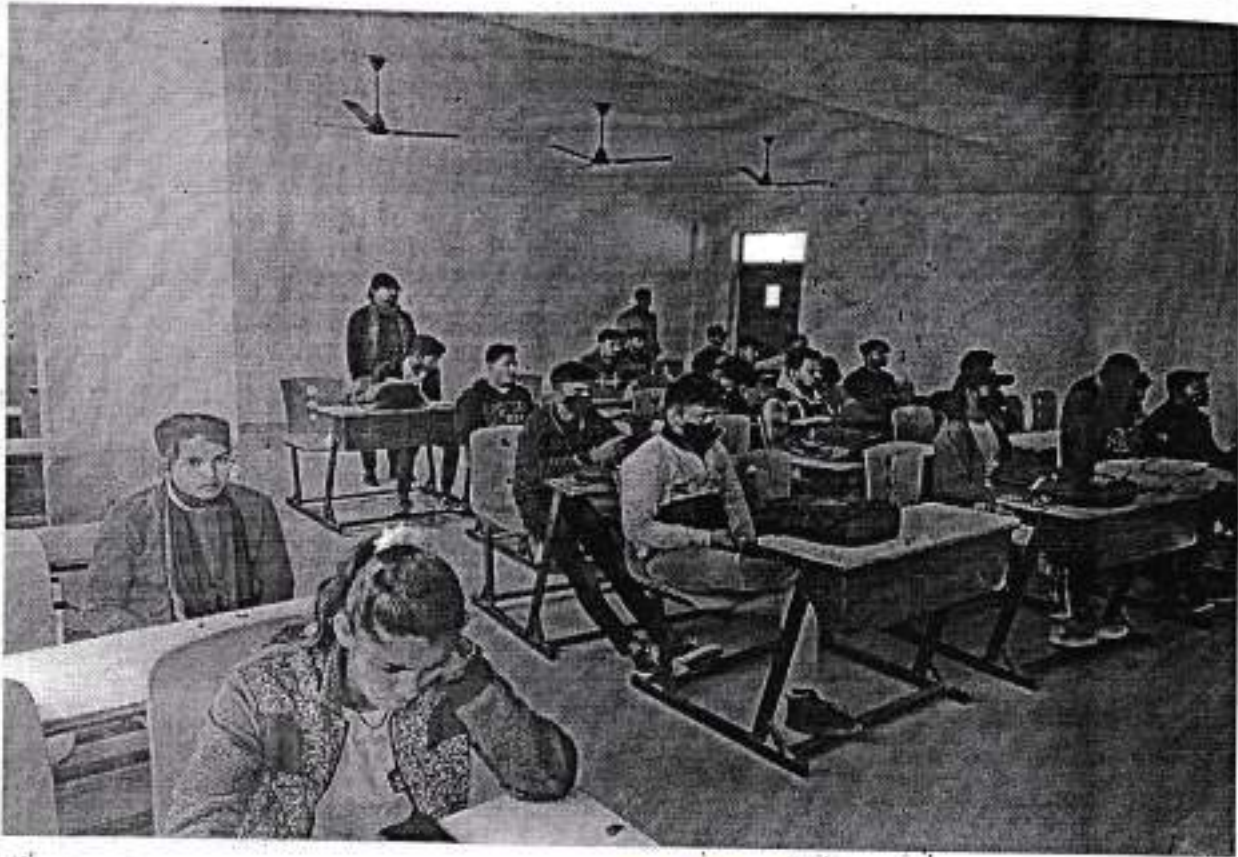
For and on behalf of Civil Department

Rao Pahlad Singh Group of Institutions  
Balana, Mahenderharh, Haryana



*P. Pahlad*  
Principal  
R.P.S. College of Engg. & Tech  
Balana Mohinderghar (HR.)





## STUDENTS LEARNT –

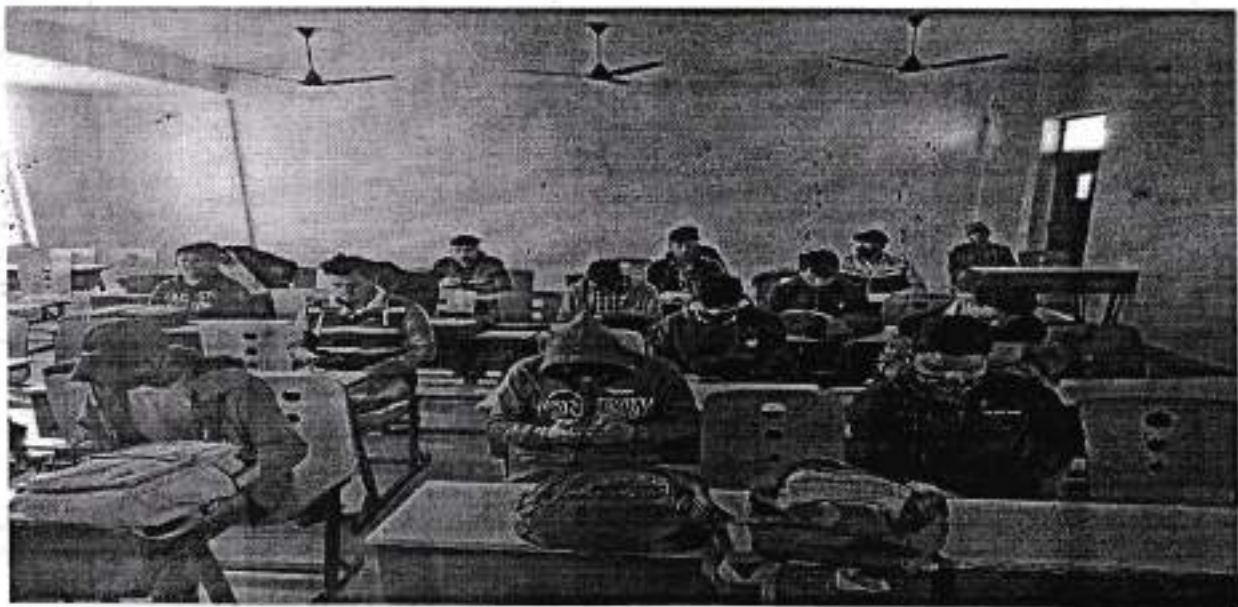


Digital construction solutions help firms overcome project challenges by improving predictability, transparency, and accountability. By providing visual insights into every aspect of a project and real time monitoring capabilities, solutions produce more accurate work and eliminate rework, aiding cost reductions, on-time delivery, and profitability.

As the future of construction landscape continues to change, firms that fail to digitize their operations will see their market share drop. Evaluating the benefits of digital construction should be a major consideration for businesses that wish to succeed.

The increasing complexity of projects demands more speed and precision in data collection and sharing. The sheer volume of data to track may be a key factor in creating construction's digital future, as managers are called on to improve project and firm performance.

As the current workforce ages out, firms are finding it difficult to replace these skilled and experienced workers. Even in firms with a ready pool of younger workers, the system of older workers passing on their knowledge and experience is



*Kalyan*  
Principal  
R.P.S. College of Engg. & Tech.  
Balana Mohindergarh (HR.)

Don't Miss Out!



# Webinar Future Of Construction

## With Olous App



4 february 11:00 am

Delivered  
at 100+ Colleges  
across India



# RPS

GROUP OF INSTITUTIONS

Via Live Zoom Meeting



*Kulpreet*

Principal

R.P.S. College of Engg. & Tech  
Balana Mohindergam (HR.)

A webinar was organized by the Department of civil engineering for its students on 04 FEB,2022 from 10:00 am to 12:00 pm in CLASS ROOM , RPSGOI Mahendergarh.

Department of Civil Engineering Successfully conducted a Webinar Titled "THE FUTURE OF DIGITAL CONSTRUCTION" on 04 FEB,2022 .

**Purpose:** The purpose of the programme was to make the students aware regarding THE FUTURE OF DIGITAL CONSTRUCTION.

**Participants:** 45 participants registered and got approval from the Civil Department for participating in the programme. The participants included both - the students as well as teachers.

**Mode:** The programme was organized through online mode.

**Speaker/Conductor:** The Webinar was delivered through Olous App.

**Outcome:** The students participated actively in the session. They come to know

" THE FUTURE OF DIGITAL CONSTRUCTION . After ending the session, they submitted their feedback orally.

PICTURE :



*Ujjwal Das*  
Principal

R.P.S. College of Engg. & Tech  
Balana Mohinder Garh (HR.)



# RAO PAHLAD SINGH COLLEGE OF ENGG. & TECH.

Approved by AICTE / Govt. of India & Affiliated to I.G.U., Meerpur

Balana, Mohindergarh, Haryana - 123029

Telephone: 01285-241431 Fax: 241434

E-mail: rpsbalana@gmail.com, Website: www.rpsinstitutions.org

A Report  
on

## “ THE FUTURE OF DIGITAL CONSTRUCTION ” *WEBINAR*

Organized by

Department of Civil Engineering,

RPSCET, Balana

Mahendergarh, Haryana

at

The CLASS ROOM  
(RPSGOI)

On 04 FEB, 2022

From 10:00 am to 12:00 pm



*M. P. Das*  
Principal

R.P.S. College of Engg. & Tech  
Balana Mohindergarh (HR.)



## RAO PAHLAD SINGH COLLEGE OF ENGG. & TECH.

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**Attendance Sheet**  
**Webinar on "Campus preneur"**  
**Date 27-April-2022**

S. No.	Roll No.	Name	Signature
1	21CV01	KAPIL	<i>Kapil</i>
2	21CV02	MOHD SUHAIL	<i>Suhail</i>
3	21CV03	VINAY KUMAR	<i>Vinay</i>
4	21CV04	PANKAJ	<i>Pankaj</i>
5	21CV07	SUMIT SINGH	<i>Sumit Singh</i>
6	21CV09	KHUSHBU	<i>Khushbu</i>
7	21CV10	ANKIT SHARMA	<i>Ankit</i>
8	21CV11	SACHIN KUMAR	<i>Sachin</i>
9	L22CV13	SWEETY	<i>Sweety</i>
10	L22CV15	VIKAS YADAV	<i>Vikas</i>
11	L22CV17	VANSH	<i>Vansh</i>
12	L22CV18	VARSHA	<i>Varsha</i>
13	L22CV19	TUSHAR YADAV	<i>Tushar</i>



*Kuldeep*  
Principal  
R.P.S. College of Engg. & Tech  
Balana, Mohindergarh (HR.)



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E-mail: rpsbalana@rediffmail.com Website: www.rpsinstitutions.org

## Attendance Sheet Webinar on "Campus preneur" Date 27-April-2022

S. No.	Roll No.	Name	Signature
1	20CV01	ARUN	Arun
2	20CV02	DEEPIKA	Deepika
3	20CV03	HAPPY	Happy
4	20CV04	HEMANT KU SHEORAN	Hemant
5	20CV07	MOHIT KUMAR	mohit
6	20CV08	NIKHIL YADAV	Nikhil
7	20CV09	NISHA KUMARI	Nisha
8	20CV10	PAWAN KUMAR	Pawan
9	20CV11	PRASHANT KUMAR	Prashant
10	20CV12	RAHUL	Rahul
11	20CV13	RAVINDER SINGH	Ravinder
12	20CV14	ROHIT	Rohit
13	20CV15	SANDEEP GREWAL	Sandeep
14	20CV16	SHIV SHANKAR	S. Singh
15	20CV17	SHUBHAM	Shubham
16	20CV19	TAKSHAT YADAV	Takshat
17	20CV20	SANDEEP KUMAR	Sandeep



*(Signature)*  
Principal

R.P.S College of Engg. & Tech  
Balana Mohindergam (HR.)



# RAO PARLAD SINGH COLLEGE OF ENGG. & TECH.

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E-mail: rpsbalana@gmail.com, Website: www.rpsinstitutions.org

## Attendance Sheet Webinar on "Campus preneur" Date 27-April-2022

S. No.	Roll No.	Name	Signature
1	19CV01	ANKIT	Ankit
2	19CV03	DEEPAK	Deepak
3	19CV05	GULSHAN	Gulshan
4	19CV06	PARTEEK	Parateek
5	19CV10	YASH KUMAR	Yash
6	19CV11	YASWANT YADAV	YASWANT
7	L20CV13	DEVESH YADAV	DEVESH YADAV
8	L20CV14	ANISH	ANISH.
9	L20CV15	BALRAM	BALRAM
10	L20CV16	NISHANT	Nishant
11	L20CV17	YOGESH KUMAR	Yogesh
12	L20CV18	PARDEEP	Pardeep
13	L20CV19	SHUBHAM KUMAR	Shubham



*Pragadeva*

Principal

R.P.S. College of Engg. & Tech.  
Balana Mohindergarh (HR.)



**Speaker/Conductor:** The Webinar was delivered by **DR JAI SINGH & PRIYA MAINI (TRAINER)**

**Outcome:** The students participated actively in the session. They come to know the CAMPUS PRENAUR. After ending the session, they submitted their feedback orally.

**Major areas under discussion will be:**


1. Time Management
2. Proper communication etiquette
3. How to select proper job
4. What are the career options
5. How to set career goals

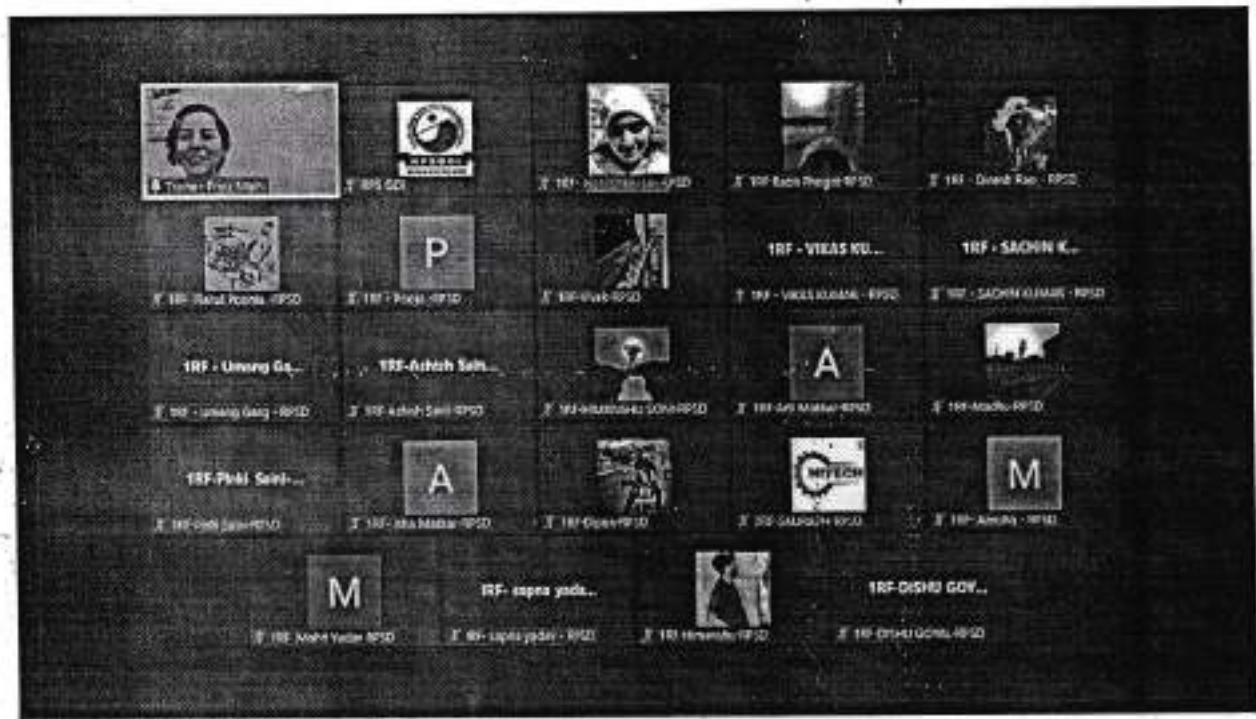
Report is submitted for kind consideration please.

For and on behalf of Civil Department

Rao Pahlad Singh Group of Institutions  
Balana, Mahenderharh, Haryana



  
Principal  
R.P.S. College of Engg. & Tech  
Balana Mohindergarh (HR.)



*Priya Mehta*  
Principal  
R.P.S College of Engg. & Tech  
Balana Mohindergarh (HR.)

A webinar was organized by the Department of civil engineering for its students on 27APRIL,2022 from 10:00 am to 01:00 pm in COMPUTER LAB, RPSGOI Mahendergarh.

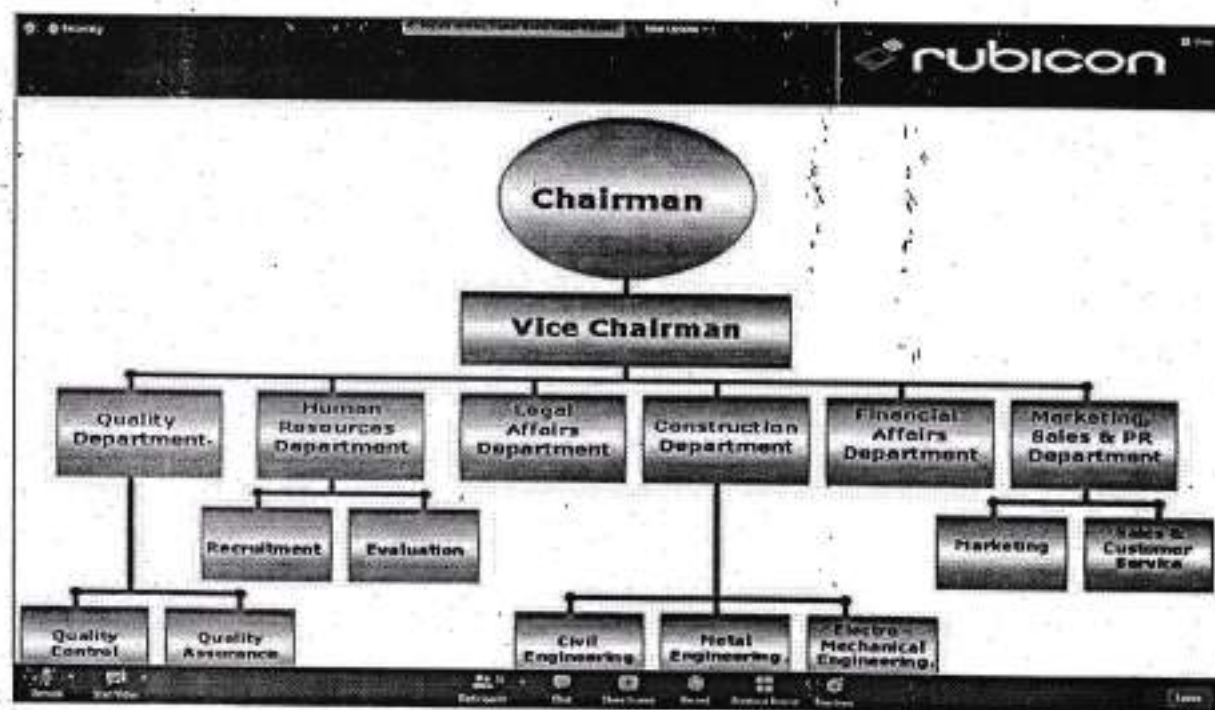
Department of Civil Engineering Successfully conducted a Webinar Titled "CAMPUS PRENAUR" on 27APRIL,2022.

**Purpose:** The purpose of the programme was to make the students aware regarding CAMPUS PRENAUR.

**Participants:** 210 participants registered and got approval from the Civil Department and other department for participating in the programme. The participants included both - the students as well as teachers.

**Mode:** The programme was organized through online mode.

PICTURE :



*[Signature]*  
Principal  
R.P.S. College of Engg. & Tech  
Balana Mohinder (HR.)



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A Report  
on

## CAMPUS PRENAUR *WEBINAR*

Organized by

Department of Civil Engineering,

RPSCET, Balana

Mahendergarh, Haryana

at

The COMPUTER LAB

(RPSGOI)

On 27 APRIL, 2022

From 10:00 am to 01:00 pm



*Ajayodan*  
Principal

R.P.S. College of Engg. & Tech  
Balana Mohindergarh (HR.)

**RAO PAHLAD SINGH COLLEGE OF ENGG. & TECH.**

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**Attendance Sheet**  
**A webinar on "Cement Properties"**  
**Date 11-September-2018**

S. No.	Roll No.	Name	Signature
1	15CV06	ANIL KUMAR	Anil Kumar
2	15CV07	ANSHUL	Anshul
3	15CV08	ANURAG	Anurag
4	15CV10	ARSHE AZAM	Arshe
5	15CV11	ASHISH KUMAR	Ashish Kumar
6	15CV13	DIVYA MEHRA	Divya
7	15CV14	GAURAV	Gaurav
8	15CV15	GAURAV KUMAR	Gaurav Kumar
9	15CV16	GAURAV SANWARIA	Gaurav
10	15CV17	HARISH KUMAR	Harish
11	15CV18	HEMANT	Hemant
12	15CV19	HIMANSHU	Himanshu
13	15CV21	HITESH KUMAR	Hitesh
14	15CV22	INTKAM ALAM	
15	15CV26	LAKHAN DOLEY	Lakhan
16	15CV28	MOHIT	Mohit
17	15CV29	NIKHIL YADAV	Nikhil
18	15CV31	POOJA KUMARI	Pooja
19	15CV36	ROHIT KUMAR	Rohit
20	15CV37	SACHIN	Sachin
21	15CV38	SACHIN KUMAR	Sachin
22	15CV39	SAHIL	Sahil
23	15CV40	SAHIL KUMAR BHANDARI	Sahil Kumar
24	15CV43	SANDEEP SONI	Sandeep
25	15CV44	SARITA	Sarika
26	15CV46	THEJOM KR	
27	15CV47	TINKU	Tinku Yadav
28	15CV48	UMESH KUMAR	Umesh
29	15CV50	VISHAL YADAV	Vishal
30	15CV51	VIVEK YADAV	Vivek
31	15CV55	YUGAL YADAV	Yugal
32	15CV56	YOGESH KUMAR	Yogesh Kumar





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## Attendance Sheet

### A webinar on "Cement Properties"

Date 11-September-2018

S. No.	Roll No.	Name	Signature
1	17CV03	AJAY KUMAR SHIROHIWAL	Ajay
2	17CV04	AJAY YADAV	Ajay
3	17CV05	ALKA	Alka
4	15CV10	AMIT LAMBA	Amit
5	17CV07	ANKIT	Ankit
6	17CV12	JAGTAR	Jagtar
7	17CV15	MOHIT YADAV	Mohit
8	17CV18	PRITI	Priti
9	17CV19	RAHUL	Rahul
10	17CV20	ROBIN SINGH	Robin
11	17CV22	SACHIN	Sachin
12	17CV25	SURENDER BHATOTIA	Surender Bhatotia
13	17CV26	TARUN	Tarun
14	L18CV27	SANDEEP	Sandeep
15	L18CV28	VISHAL KUMAR	Vishal
16	L18CV29	SUNIL	Sunil
17	L18CV30	DEEPA	Deepa
18	L18CV31	SACHIN	Sachin
19	L18CV32	ARUN	Arun
20	L18CV33	INDERJEET	Inderjeet



Principal  
R.P.S. College of Engg. & Tech  
Balana Mohindergarh (HR.)

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**Attendance Sheet**  
**A webinar on "Cement Properties"**  
**Date 11-September-2018**

S. No.	Roll No.	Name	Signature
1	16CV03	ANKIT KUMAR	Ankit
2	16CV04	ARSHAD ALI	Arshad
3	16CV07	BILLU	Billu
4	16CV08	DEEPAK MEHTA	Deepak
5	16CV09	DIKSHIT	Dikshit
6	16CV10	DIVYA	Divya
7	16CV11	GOVIND KUMAR RAUT	Govind
8	16CV12	HARISH KUMAR YADAV	Harish kr
9	16CV13	IRVIN KUMAR	IRVIN
10	16CV14	JAIVEER YADAV	Jaiveer
11	16CV15	KAPIL	Kapil
12	16CV17	KULDEEP	Kuldeep
13	16CV18	MANISH KUMAR	Manish
14	16CV19	MD. BADRUDDIN ANSARI	MD Bad
15	16CV20	NIKHIL KUMAR SINGH	Nikhil
16	16CV21	PALASHMONI DAS	Palash
17	16CV24	PAWAN	Pawan
18	16CV25	POOJA	Pooja
19	16CV28	PRIYANKA	Priyanka
20	16CV33	SACHIN	Sachin
21	16CV35	SANTOSH YADAV	Santosh
22	16CV42	VIKASH KUMAR MAH	Vikash
23	L17CV43	HARENDER	Harender
24	L17CV45	NEERAJ	Neeraj
25	L17CV47	INDU RANI	INDU RANI
26	L17CV48	SANDEEP	Sandeep
27	L17CV49	PUNEET	Puneet



  
Principal  
R.P.S. College of Engg. & Tech  
Balana Mohindergarh (HR.)