

**Supporting Documents-Electrical  
Engineering**

- 1. List of Students Undertaking Field Projects / Research Projects / Internship Program**
- 2. Completion Certificates**
- 3. Permission Letters / Copy of Project Report**



# Department of Electrical Engineering

IKGPTU Main Campus Kapurthala

1.3.4

Q<sub>n</sub>M

*Percentage of students undertaking field projects / research projects / internships (Data for the latest completed academic year)*

1.3.4.1 :Number of students undertaking field project or research projects or internships

Data Requirements: (As per Data Template)

- Names of the Programme

**B. Tech. EE:**

3<sup>rd</sup> Semester: BTEE 321-18, Institutional summer vacation training : **26 Students**

5<sup>th</sup> Semester: BTEE 521-18 Summer Industrial Internship: **45 Students**

8<sup>th</sup> Semester: BTEE 721 18 Project-2 : **26 Students**

**M. Tech. EE (PSRE):**

2<sup>nd</sup> Semester M Tech: MTPR 101 21 Mini Project with Seminar : **6 Students**

  
Head  
Department of Electrical Engineering  
I.K. Gujral Punjab Technical University  
Kapurthala-144016





1.3.4 Number of students undertaking field projects / research projects / internships during the year (2021-22)

Programme name	Program Code	List of students undertaking field projects /research projects / internships		Link to the relevant document
B.Tech Electrical Engineering	16	Abhinav Pathania	1818650	
B.Tech Electrical Engineering	16	Ankur Chauhan	1818651	
B.Tech Electrical Engineering	16	Anmol Kalia	1818652	
B.Tech Electrical Engineering	16	Bhanu	1818653	
B.Tech Electrical Engineering	16	Gagandeep	1818654	
B.Tech Electrical Engineering	16	Harkaran	1818655	
B.Tech Electrical Engineering	16	Harshdeep Rai	1818656	
B.Tech Electrical Engineering	16	Kartikay	1818657	
B.Tech Electrical Engineering	16	Manga	1818658	
B.Tech Electrical Engineering	16	Parveen Kumar	1818659	
B.Tech Electrical Engineering	16	Pritish Tuteja	1818660	
B.Tech Electrical Engineering	16	Priya Kumari	1818661	
B.Tech Electrical Engineering	16	Ramandeep Singh	1818662	
B.Tech Electrical Engineering	16	Ruhi Kumari	1818663	
B.Tech Electrical Engineering	16	Suraj Paliyal	1818664	
B.Tech Electrical Engineering	16	Yamini Gupta	1818665	
B.Tech Electrical Engineering	16	Harmanpreet Singh	1916677	
B.Tech Electrical Engineering	16	Iqbal Singh	1916678	
B.Tech Electrical Engineering	16	Lovepreet Singh	1916679	
B.Tech Electrical Engineering	16	Navkirat Singh	1916680	
B.Tech Electrical Engineering	16	Pankaj Kumar Gautam	1916681	
B.Tech Electrical Engineering	16	Suraj Parkash	1916682	
B.Tech Electrical Engineering	16	Abhishek Parocha	1801765	
B.Tech Electrical Engineering	16	Rahul Kumar	1801767	
B.Tech Electrical Engineering	16	Ranjeet Singh	1801768	
B.Tech Electrical Engineering	16	Satyam Kumar	1801769	
B.Tech Electrical Engineering	16	Abhishek Kumar Gupta	1916537	
B.Tech Electrical Engineering	16	Abhishek Yadav	1916538	
B.Tech Electrical Engineering	16	Abhishek Yadav	1916539	
B.Tech Electrical Engineering	16	Adarsh Raj	1916540	
B.Tech Electrical Engineering	16	Ahsaas Kumar	1916542	
B.Tech Electrical Engineering	16	Aishwary Raj	1916543	
B.Tech Electrical Engineering	16	Ansh Kumar	1916544	
B.Tech Electrical Engineering	16	Anurag Chaudhary	1916545	
B.Tech Electrical Engineering	16	Ashish Choudhary	1916546	
B.Tech Electrical Engineering	16	Ashutosh Kumar Pandit	1916547	
B.Tech Electrical Engineering	16	Avinash Kumar	1916548	
B.Tech Electrical Engineering	16	Ayush Gupta	1916549	
B.Tech Electrical Engineering	16	Diwakar Kumar	1916551	
B.Tech Electrical Engineering	16	Gurbax Singh	1916552	

  
Head

Department of Electrical Engineering  
I.K. Gujral Punjab Technical University  
Kaourthala-144006





B.Tech Electrical Engineering	16	Gurdeep Magu	1916553	
B.Tech Electrical Engineering	16	Harsh Kumar Singh	1916554	
B.Tech Electrical Engineering	16	Indrasen Yadav	1916555	
B.Tech Electrical Engineering	16	Mehul Raj	1916556	
B.Tech Electrical Engineering	16	Nishan Singh	1916557	
B.Tech Electrical Engineering	16	Parth Saini	1916559	
B.Tech Electrical Engineering	16	Rahul Kumar	1916560	
B.Tech Electrical Engineering	16	Rajneesh Kumari	1916561	
B.Tech Electrical Engineering	16	Rajnish Kumar	1916562	
B.Tech Electrical Engineering	16	Ranvir Singh	1916563	
B.Tech Electrical Engineering	16	Raushan Kumar	1916564	
B.Tech Electrical Engineering	16	Ravi Raj	1916565	
B.Tech Electrical Engineering	16	Ritik Sighania	1916566	
B.Tech Electrical Engineering	16	Sachin kumar	1916568	
B.Tech Electrical Engineering	16	Sanjay kumar	1916569	
B.Tech Electrical Engineering	16	Sanny Kumar	1916570	
B.Tech Electrical Engineering	16	Shubham Jamwal	1916571	
B.Tech Electrical Engineering	16	Vaibhav Kumar	1916572	
B.Tech Electrical Engineering	16	Vikash Pal	1916573	
B.Tech Electrical Engineering	16	Abhay Kumar	1901884 (BHSBIET)	
B.Tech Electrical Engineering	16	Akash Kumar	1901885 (BHSBIET)	
B.Tech Electrical Engineering	16	Akash Singh	1901886 (BHSBIET)	
B.Tech Electrical Engineering	16	Rabjot Singh	1901887 (BHSBIET)	
B.Tech Electrical Engineering	16	Sachin Kumar	1901888 (BHSBIET)	
B.Tech Electrical Engineering	16	Bhupinder Singh	2022784 (Leet)	
B.Tech Electrical Engineering	16	Davindervir Singh Mann	2022785 (Leet)	
B.Tech Electrical Engineering	16	Kishan Kumar Mehta	2022786 (Leet)	
B.Tech Electrical Engineering	16	Purujit Chaturvedi	2022787 (Leet)	
B.Tech Electrical Engineering	16	Aman Kumar	2022782 (Leet)	
B.Tech Electrical Engineering	16	Sonu Kumar	2022789 (Leet)	
B.Tech Electrical Engineering	16	Ashish Tripathi	2022783 (Leet)	
B.Tech Electrical Engineering	16	Abhimanyu Thakur	2022631	
B.Tech Electrical Engineering	16	Adarsh Kumar	2022633	
B.Tech Electrical Engineering	16	Amanpreet Singh Sidhu	2022634	
B.Tech Electrical Engineering	16	Anuj Shukla	2022635	
B.Tech Electrical Engineering	16	Aryan	2022636	
B.Tech Electrical Engineering	16	Aryan Raj	2022637	
B.Tech Electrical Engineering	16	Bartinder Singh	2022638	
B.Tech Electrical Engineering	16	Chandan Singh	2022639	
B.Tech Electrical Engineering	16	Deepak Gupta	2022641	
B.Tech Electrical Engineering	16	Himanshu Raj	2022642	
B.Tech Electrical Engineering	16	Jaskaran Singh	2022643	
B.Tech Electrical Engineering	16	Kartik	2022647	
B.Tech Electrical Engineering	16	Krishankant	2022648	
B.Tech Electrical Engineering	16	Manish Sahini	2022649	
B.Tech Electrical Engineering	16	MD ARIF Hussain	2022650	
B.Tech Electrical Engineering	16	Ranjan Kumar	2022652	

Head  
Department of Electrical Engineering  
I.K. Gujral Punjab Technical University  
Kaourthala-144006



B.Tech Electrical Engineering	16	Sachin Kumar	2022653	
B.Tech Electrical Engineering	16	Sahil Sharma	2022654	
B.Tech Electrical Engineering	16	Sarbodhan Singh	2022655	
B.Tech Electrical Engineering	16	Shamim Ahmed	2022656	
B.Tech Electrical Engineering	16	Shubham Bharti	2022657	
B.Tech Electrical Engineering	16	Sohan Lal	2022659	
B.Tech Electrical Engineering	16	Sukhbir Singh	2022660	
B.Tech Electrical Engineering	16	Sunny Kumar	2022661	
B.Tech Electrical Engineering	16	Vikasdeep Singh Sidhu	2022662	
B.Tech Electrical Engineering	16	Vivek Kumar	2022663	
M.Tech EE PSRE	379	Avinash Verma	2124645	
M.Tech EE PSRE	379	Baljinder Singh	2124646	
M.Tech EE PSRE	379	Gaurav Saroya	2124647	
M.Tech EE PSRE	379	Lakngam	2124649	
M.Tech EE PSRE	379	Vivek bhagat	2124650	
M.Tech EE PSRE	379	Vivek Sharma	2124651	

  
 Head  
 Department of Electrical Engineering  
 I.K. Gujral Punjab Technical University,  
 Kapurthala-144006  


Ref.No. IKGPTU/EE/07

Dated: 13/01/2022

To,

INFOWIZ  
SCO 118-120, Sector 34A,  
Chandigarh .

Subject: Industrial Training/Software Training.

(Six months) for B.tech 4th year Student.

Dear Sir/Madam

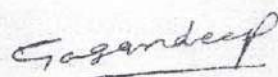
To boost the quality of our students and to meet the present industry standards, it is mandatory to the B. Tech students of our institute to undergo an Industry Training (one semester) in two parts: BTEE-721-18 Software Training and Project, Industrial Training and Project (Industrial Oriented Project Training) for period of one semester in the reputed industry as a part of Academic Curriculum. Department is in a process of enrolling the fourth year students of our institute to various industrial Organisation for one semester industrial training which is an essential component of their four year B. Tech programme.



We recommend our graduating student Mr. Abhinav Pathania Roll No. 1818650 of B.tech Electrical Engineering, E-Mail ID abhinavpathania678@gmail.com Phone No. 8091767433 to undergo Six months industrial training/Software Training in your esteemed organization from January 2022 onwards.

We would very much appreciate if the student can be accommodated for the training programme in your esteemed organization. My student is sincere and hard working and I am sure that he/she will put in their best efforts during the training program. Looking forward to the conformation from your side.

Kindly give your acceptance in enclosed Performa and send the scanned copy at E-mail: [ritaptu4@gmail.com](mailto:ritaptu4@gmail.com).

Yours Sincerely

  
Head 13/01/2022

  
Head  
Department of Electrical Engineering  
I.K. Gujral Punjab Technical University  


"Propelling Punjab to a Prosperous Knowledge Society"





Roll.No 1818651

**APPOINTMENT LETTER**

January 14, 2022

Dear Ankur Chauhan,

Welcome to Wipro Limited (Company/Wipro) and congratulations on your appointment as **Project Engineer**. The terms of your employment with the Company is listed below. Please be informed that the terms may be modified pursuant to changes in the Company policy updated from time to time.

**1. Appointment Details:**

- a. The date of appointment is effective from the date of joining, unless otherwise communicated in writing by the Company.
- b. You will be on probation for a period of 12 months from the date of your appointment. On completion of the probation period, your appointment shall be confirmed at the discretion of the Company based on your performance and other criteria as applicable to your band and stream. Unless confirmation is communicated in writing, your probation period shall be deemed to have been extended.
- c. The retirement age is 58 years.
- d. You may be transferred to any other location, department, function, establishment, or branch of the Company or subsidiary, associate or affiliate company, in such capacity as the Company may from time to time determine. In such a case, you will be governed by the terms and conditions of service applicable to the new assignment including compensation, working hours, holidays, leave, people policies, etc.
- e. We provide support to our global customers through various Company locations in India to suit customer requirements by operating 24x7. You would be operating from any of these locations and in any of the shifts, including night shift, as may be decided by the Company, keeping in mind the business needs and deliverables to customers.
- f. This offer of appointment is subject to your successful completion of all curricular requirements as laid down by the University/Institution for award of the degree/diploma and the requirements, including aggregate, specified by the Company for your role, and any other criteria specified by the Company in terms of your educational qualifications on/before the date of appointment.
- g. The copy of this letter duly signed by you, has to be mandatorily submitted on the date of joining.

**2. Compensation:**

You will be eligible for:

- a. Compensation and benefits in accordance with Annexure III - Salary Offer Sheet.
- b. Variable Pay - The details of this component are listed in Annexure VI. The Variable Pay program may be changed or modified in part or full thereof from time to time, at the sole discretion of the Company.
- c. Other compensation and benefits in accordance with Company policy as modified and intimated to you from time to time.
- d. Your salary will be reviewed periodically as per Company policy.
- e. Changes in your compensation are at the Company's discretion and will be subject to and on the basis of your effective performance and the performance results of the Company during your period of employment and other

Department of Electrical Engineering  
T.N. Sengupta Institute of Technology  
Kapurthala-144006





I.K. GUJRAL PUNJAB TECHNICAL UNIVERSITY, KAPURTHALA  
CIIT  
(CENTER FOR INVENTION, INNOVATION, INCUBATION AND TRAINING)

APPLICATION FORM

(SESSION May-2022)



Campus: ☒ Kapurthala/Sultanpur Lodhi (Please tick)

Name of Trainee	Anmol Kalia
Father's Name	Mr. Asho Kalia
Permanent Address	House No 190 Ward No 10 Adarsh Nagar, Gurukul Sahai, Distt - Ferozpur
Contact Number	8556042186, 7009901410
Email Id	anmol.kalia.47@gmail.com
College Name	IKGPTU Main campus Kapurthala
College Address	Jalabekha - Kapurthala Highway
Branch	Electrical Engg.
Roll Number	1818652
Qualification	B-Tech (Pursuing)
Percentage (Till Now)	7.38 CGPA

Applicant Signature

Coordinator CIIT

\*Please Submit the Scanned Copy of this Duly Filled Application Form to [coordinatorciitkpt@ptu.ac.in](mailto:coordinatorciitkpt@ptu.ac.in) and send the hard copy of the format Department of Mechanical Engineering, CB-I, Ground Floor, IKGPTU Main Campus, Kapurthala.

Head  
Department of Electrical Engineering  
I.K. Gujral Punjab Technical University  
Kapurthala-144006



# SkillUP

by Simplilearn

## Declaration of Completion

**Bhanu**

has successfully completed the online course:

**Git Training**

This professional has demonstrated initiative and a commitment to deepening their skills and advancing their career. Well done!

12<sup>th</sup> Mar 2022

Certificate code : 3308801

  
Head  
Department of Electrical Engineering  
I.K. Gujral Punjab Technical University  
Kapurthala-144006

  
Krishna Kumar

CEO

Ref.No. IKGPTU/EE/27

Dated: 28/01/2022

To,  
Sonalika Group,  
Jalandhar Road,  
Hoshiarpur  
Punjab 144602

**Subject: Industrial Training**

**(Three months) for B.tech 4th year Student.**

Dear Sir/Madam


To boost the quality of our students and to meet the present industry standards, it is mandatory to the B. Tech students of our institute to undergo an Industry Training (one semester) in two parts: BTEE-721-18 Industrial Training and Project (Industrial Oriented Project Training) for period of one semester in the reputed industry as a part of Academic Curriculum. Department is in a process of enrolling the fourth year students of our institute to various industrial Organisation for one semester industrial training which is an essential component of their four year B. Tech programme.

**We recommend our graduating student Mr.Gagandeep Roll No. 1818654 of B.tech Electrical Engineering, E-Mail ID gaganmehmi777@gmail.com Phone No.9592738350 to undergo Three months industrial training in your esteemed organization from January 2022 onwards.**


We would very much appreciate if the student can be accommodated for the training programme in your esteemed organization. My student is sincere and hard working and I am sure that he/she will put in their best efforts during the training program. Looking forward to the conformation from your side.

Kindly give your acceptance in enclosed Performa and send the scanned copy at E-mail: [ritaptu4@gmail.com](mailto:ritaptu4@gmail.com).

Yours Sincerely

  
28/1/2022

**Head** Head  
Department of Electrical Engineering  
I.K. Gujral Punjab Technical University  
Kapurthala-144602

  
Head  
Department of Electrical Engineering  
I.K. Gujral Punjab Technical University  
Kapurthala-144606

"Propelling Punjab to a Prosperous Knowledge Society"



Ref.No. IKGPTU/EE/08

To,  
Abrol Engineering Company  
Pvt. Ltd. Industrial Area,  
Sheikhupur, Kapurthala,  
Punjab 144602

Subject: Industrial Training

(Three months) for B.tech 4th year Student.

Dear Sir/Madam

To boost the quality of our students and to meet the present industry standards, it is mandatory to the B. Tech students of our institute to undergo an Industry Training (one semester) in two parts: BTEE-721-18 Industrial Training and Project (Industrial Oriented Project Training) for period of one semester in the reputed industry as a part of Academic Curriculum. Department is in a process of enrolling the fourth year students of our institute to various industrial Organisation for one semester industrial training which is an essential component of their four year B. Tech programme.

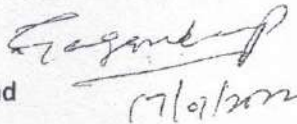
We recommend our graduating student Mr.Harkaran Roll No. 1818655 of B.tech Electrical Engineering, E-Mail ID harkaran.kannu2411 @gmail.com Phone No. 8146606631 to undergo Three months industrial training in your esteemed organization from January 2022 onwards.

We would very much appreciate if the student can be accommodated for the training programme in your esteemed organization. My student is sincere and hard working and I am sure that he/she will put in their best efforts during the training program. Looking forward to the conformation from your side.

Kindly give your acceptance in enclosed Performa and send the scanned copy at E-mail: [ritaptu4@gmail.com](mailto:ritaptu4@gmail.com).

Yours Sincerely

Head

  
17/1/2022



Ref.No. IKGPTU/EE/34

Dated 28/01/2022

To

SSK Group of Industries  
Kapurthala,  
Punjab 144602

(Two months) for B.tech 4th year Student.

Dear Sir/Madam

To boost the quality of our students and to meet the present industry standards, it is mandatory to the B. Tech students of our institute to undergo an Industry Training (one semester) in two parts: BTEE-721-18 Industrial Training and Project (Industrial Oriented Project Training) for period of one semester in the reputed industry as a part of Academic Curriculum. Department is in a process of enrolling the fourth year students of our institute to various industrial Organisation for one semester industrial training which is an essential component of their four year B. Tech programme.

We recommend our graduating student Mr.Harshdeep Rai Roll No. 1818656 of B.tech Electrical Engineering, E-Mail ID raiharsh855@gmail.com Phone No.7837906225 to undergo Two months industrial training in your esteemed organization from January 2022 onwards.

We would very much appreciate if the student can be accommodated for the training programme in your esteemed organization. My student is sincere and hard working and I am sure that he/she will put in their best efforts during the training program. Looking forward to the conformation from your side.

Kindly give your acceptance in enclosed Performa and send the scanned copy at E-mail: [ritaptu4@gmail.com](mailto:ritaptu4@gmail.com).


Yours Sincerely



Head

28/01/2022

Head  
Department of Electrical Engineering  
I.K. Gujral Punjab Technical University  
Kapurthala-144006

  
Head  
Department of Electrical Engineering  
I.K. Gujral Punjab Technical University  
Kapurthala-144006

"Propelling Punjab to a Prosperous Knowledge Society"

I.K. Gujral Punjab Technical University  
Jalandhar-Kapurthala Highway, Kapurthala-144 603 Website: [www.ptu.ac.in](http://www.ptu.ac.in)  
Mobile: 94780-98118, E-mail [hodee@ptu.ac.in](mailto:hodee@ptu.ac.in)



**PTU**

ਆਈ. ਕੇ. ਗੁਜਰਾਲ ਪੰਜਾਬ ਟੈਕਨੀਕਲ ਯੂਨੀਵਰਸਿਟੀ  
Established under Punjab Technical University Act, 1996  
(Punjab Act No. 1 of 1997)

## Department of Electrical Engineering

I.K. Gujral Punjab Technical University (Main Campus), Kapurthala

Email. Id: hodee@ptu.ac.in, Contact No.: +91-9478098118

Ref.No. IKGPTU/EE/09

Dated: 17/01/2022

To,  
Abrol Engineering Company  
Pvt. Ltd. Industrial Area.  
Sheikhupur, Kapurthala,  
Punjab 144602

Subject: Industrial Training

(Three months) for B.tech 4th year Student.

Dear Sir/Madam

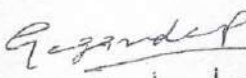
To boost the quality of our students and to meet the present industry standards, it is mandatory to the B. Tech students of our institute to undergo an Industry Training (one semester) in two parts: BTEE-721-18 Industrial Training and Project (Industrial Oriented Project Training) for period of one semester in the reputed industry as a part of Academic Curriculum. Department is in a process of enrolling the fourth year students of our institute to various industrial Organisation for one semester industrial training which is an essential component of their four year B. Tech programme.


We recommend our graduating student Mr.Kartikay Roll No. 1818657 of B.tech Electrical Engineering, E-Mail ID kartikayverma9@gmail.com Phone No.6284625073 to undergo Three months industrial training in your esteemed organization from January 2022 onwards.

We would very much appreciate if the student can be accommodated for the training programme in your esteemed organization. My student is sincere and hard working and I am sure that he/she will put in their best efforts during the training program. Looking forward to the conformation from your side.

Kindly give your acceptance in enclosed Performa and send the scanned copy at E-mail: [ritaptu4@gmail.com](mailto:ritaptu4@gmail.com).

Yours Sincerely

  
Head 17/01/2022

  
Head  
Department of Electrical Engineering  
I.K. Gujral Punjab Technical University  
Kapurthala-144006

"Propelling Punjab to a Prosperous Knowledge Society"

I.K. Gujral Punjab Technical University

Jalandhar-Kapurthala Highway, Kapurthala-144 603 Website: [www.ptu.ac.in](http://www.ptu.ac.in)

Mobile: 94780-98118, E-mail [hodee@ptu.ac.in](mailto:hodee@ptu.ac.in)

Ref.No. IKGPTU/EE/33

Dated 28/01/2022

To

SSK Group of Industries  
Kapurthala,  
Punjab 144602

(Two months) for B.tech 4th year Student.

Dear Sir/Madam

To boost the quality of our students and to meet the present industry standards, it is mandatory to the B. Tech students of our institute to undergo an Industry Training (one semester) in two parts: BTEE-721-18 Industrial Training and Project (Industrial Oriented Project Training) for period of one semester in the reputed industry as a part of Academic Curriculum. Department is in a process of enrolling the fourth year students of our institute to various industrial Organisation for one semester industrial training which is an essential component of their four year B. Tech programme.

We recommend our graduating student Mr. Manga Roll No. 1818658 of B.tech Electrical Engineering, E-Mail ID manga123mattu@gmail.com Phone No.7696940402 to undergo Two months industrial training in your esteemed organization from January 2022 onwards.

We would very much appreciate if the student can be accommodated for the training programme in your esteemed organization. My student is sincere and hard working and I am sure that he/she will put in their best efforts during the training program. Looking forward to the conformation from your side.

Kindly give your acceptance in enclosed Performa and send the scanned copy at E-mail: [ritaptu4@gmail.com](mailto:ritaptu4@gmail.com).

Yours Sincerely

*Raganderp*

Head 28/01/2022

Head  
Department of Electrical Engineering  
I.K. Gujral Punjab Technical University  
Kapurthala-144006

*[Signature]*  
Head  
Department of Electrical Engineering  
I.K. Gujral Punjab Technical University  
Kapurthala-144006

*[Signature]*

"Propelling Punjab to a Prosperous Knowledge Society"





**I.K. GUJRAL PUNJAB TECHNICAL UNIVERSITY, KAPURTHALA**  
**CIIT**  
**(CENTER FOR INVENTION, INNOVATION, INCUBATION AND TRAINING)**

**APPLICATION FORM**

(SESSION 2018-2022)



Campus: Kapurthala/Sultanpur Lodhi (Please tick)

Name of Trainee	Parveen Kumar.
Father's Name	Bhinnraj Paul.
Permanent Address	street no. 34, SAS Nagar SURKHPOOR road bathinda, punjab - 151001.
Contact Number	9781371877
Email Id	pkpaul13@gmail.com
College Name	I.K. GUJRAL PUNJAB TECHNICAL UNIVERSITY MAIN CAMPUS JALANDHAR.
College Address	JALANDHAR, PUNJAB, 144603
Branch	Electrical Engineering.
Roll Number	1818659
Qualification	UG
Percentage (Till Now)	72%

*Parveen*  
Applicant Signature

*[Signature]*  
Coordinator CIIT

\*Please Submit the Scanned Copy of this Duly Filled Application Form to coordinatorciitkpt@ptu.ac.in and send the hard copy of the format Department of Mechanical Engineering, CB-I, Ground Floor, IKGPTU Main Campus, Kapurthala.

*[Signature]*  
Head  
Department of Electrical Engineering  
I.K. Gujral Punjab Technical University  
Kapurthala-144006



Ref.No. IKGPTU/EE/ 32

Dated: 28/01/2022

To

Mahashakti Energy Ltd.

Dabwali Road ,

Batihnda ,

Punjab

Subject: Industrial Training

(Two months) for B.tech 4th year Student.

Dear Sir/Madam

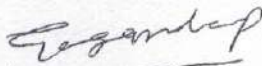
To boost the quality of our students and to meet the present industry standards, it is mandatory to the B. Tech students of our institute to undergo an Industry Training (one semester) in two parts: BTEE-721-18 Industrial Training and Project (Industrial Oriented Project Training) for period of one semester in the reputed industry as a part of Academic Curriculum. Department is in a process of enrolling the fourth year students of our institute to various industrial Organisation for one semester industrial training which is an essential component of their four year B. Tech programme.

**We recommend our graduating student Mr.Pritish Tuteja Roll No. 1818660 of B.tech Electrical Engineering, E-Mail ID tuteja.pritish@gmail.com Phone No.8591199319 to undergo Two months industrial training in your esteemed organization from January 2022 onwards.**

We would very much appreciate if the student can be accommodated for the training programme in your esteemed organization. My student is sincere and hard working and I am sure that he/she will put in their best efforts during the training program. Looking forward to the conformation from your side.

Kindly give your acceptance in enclosed Performa and send the scanned copy at E-mail: [ritaptu4@gmail.com](mailto:ritaptu4@gmail.com).

Yours Sincerely



Head  
Department of Electrical Engineering  
I.K. Gujral Punjab Technical University  
Kapurthala-144006



Head  
Department of Electrical Engineering  
I.K. Gujral Punjab Technical University  
Kapurthala-144006

"Propelling Punjab to a Prosperous Knowledge Society"

I.K. Gujral Punjab Technical University

Jalandhar-Kapurthala Highway, Kapurthala-144 603 Website: [www.ptu.ac.in](http://www.ptu.ac.in)

Mobile: 94780-98118, E-mail [hodee@ptu.ac.in](mailto:hodee@ptu.ac.in)





# FRIENDS UNION FOR ENERGISING LIVES



Date: 07/01/2022

## Letter of Appointment

Name: Priya Kumari

Subject: Appointment for FUEL Fellowship

**Dear Priya Kumari,**

We are pleased to appoint you to the position of Project Management Intern in our organization, with effective from January 8, 2022 on the following terms and conditions:

- **Position:** Project Management Intern
- **Stipend:** 8000 Rs. Per month
- **Internship Period:** January 8, 2022 to April 8, 2022
- **Probation Period:** 1 Month
- **Working Hours:** 10 AM to 7 PM
- You may however be required to work or travel at any place as per the requirement and priority
- Internship completion letter is applicable only once the intern will complete the 3 months internship period.

We congratulate you on your appointment and try to give full support for your professional growth and development.

Best Regards,  
Mayuri Deshpande  
Chief Operating Officer  
Friends Union for Energising Lives



Head  
Department of Electrical Engineering  
I.K. Gujral Punjab Technical University,  
Kaourthala-144006

Ref.No. IKGPTU/EE/31

Dated: 28/01/2022

To

Mahashakti Energy Ltd.  
Dabwali Road ,  
Batihnda ,  
Punjab

Subject: Industrial Training

(Two months) for B.tech 4th year Student.

Dear Sir/Madam

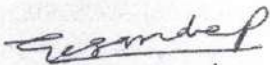
To boost the quality of our students and to meet the present industry standards, it is mandatory to the B. Tech students of our institute to undergo an Industry Training (one semester) in two parts: BTEE-721-18 Industrial Training and Project (Industrial Oriented Project Training) for period of one semester in the reputed industry as a part of Academic Curriculum. Department is in a process of enrolling the fourth year students of our institute to various industrial Organisation for one semester industrial training which is an essential component of their four year B. Tech programme.

We recommend our graduating student Mr. Ramandeep Singh Roll No. 1818662 of B.tech Electrical Engineering, E-Mail ID arshramanbhatti@gmail.com Phone No. 6280813547 to undergo Two months industrial training in your esteemed organization from January 2022 onwards.

We would very much appreciate if the student can be accommodated for the training programme in your esteemed organization. My student is sincere and hard working and I am sure that he/she will put in their best efforts during the training program. Looking forward to the conformation from your side.

Kindly give your acceptance in enclosed Performa and send the scanned copy at E-mail: [ritaptu4@gmail.com](mailto:ritaptu4@gmail.com).

Yours Sincerely



Head  
Department of Electrical Engineering  
I.K. Gujral Punjab Technical University  
Kapurthala-144006

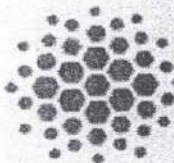
"Propelling Punjab to a Prosperous Knowledge Society"

I.K. Gujral Punjab Technical University  
Jalandhar-Kapurthala Highway, Kapurthala-144 603 Website: [www.ptu.ac.in](http://www.ptu.ac.in)  
Mobile: 94780-98118, E-mail [hodee@ptu.ac.in](mailto:hodee@ptu.ac.in)





Ref. No. RB16WFE821/0011



RAJU BROS

# RAJU BROS SOFTECH PRIVATE LIMITED

## CERTIFICATE OF TRAINING (INDUSTRIAL)

This is to certify that **Mr. Rishi Kumar** bearing roll number **1818663** from Punjab Technical University, Jalandhar, has completed his Industrial training in IoT which was held from **05-02-2022** to **05-04-2022** as a part of their B.Tech in Electrical Engineering Programme. During this period he undergoes training in various modules of IoT and his performance is satisfactory.

FOR RAJU BROS SOFTECH PRIVATE LIMITED

*Nishant Raju*  
Nishant Raju  
Director

Raju Bros Softech Pvt. Ltd.

Head  
Department  
The College of Engineering  
Punjab Technical University  
Jalandhar





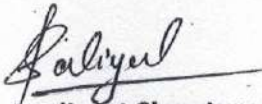
I.K. GUJRAL PUNJAB TECHNICAL UNIVERSITY, KAPURTHALA  
CIIT  
(CENTER FOR INVENTION, INNOVATION, INCUBATION AND TRAINING)


APPLICATION FORM  
(SESSION 2021-2022)



✓  
Campus: Kapurthala/Sultanpur Lodhi (Please tick)

Name of Trainee	Buraj Paliyal
Father's Name	Raghubir Singh
Permanent Address	H.No. 96 vill. Bathwan Tehsil Mukerian Distt. Hoshiarpur (Punjab) P.O. Datarpur - 144222
Contact Number	8264513267
Email Id	Buraj2000.p1@gmail.com
College Name	I.K. Gujral Punjab Technical University Main Campus
College Address	Jalandhar-Kapurthala Highway
Branch	B.tech (EE)
Roll Number	1818664
Qualification	Undergraduate
Percentage (Till Now)	78.82%

  
Applicant Signature

  
Coordinator CIIT

\*Please Submit the Scanned Copy of this Duly Filled Application Form to [coordinatorciitkpt@ptu.ac.in](mailto:coordinatorciitkpt@ptu.ac.in) and send the hard copy of the format Department of Mechanical Engineering, CB-I, Ground Floor, IKGPTU Main Campus, Kapurthala.

Head  
Department of Electrical Engineering  
I.K. Gujral Punjab Technical University  
Kapurthala - 14006





Ref.No. IKGPTU/EE/259

Dated: 30/12/2021

To,  
The Chief Engineer Electrical System,  
Chief Office HPSEBL,  
ANU Hamirpur,  
Himachal Pradesh.

**Subject: Industrial Training (Three months) for B.tech 4th year Student.**

Dear Sir/Madam

To boost the quality of our students and to meet the present industry standards, it is mandatory to the B. Tech students of our institute to undergo an Industry Training (one semester) in two parts: BTEE-702 (Industrial Oriented Project Training) for period of one semester in the reputed industry as a part of Academic Curriculum. Department is in a process of enrolling the fourth year students of our institute to various industrial Organisation for one semester industrial training which is an essential component of their four year B. Tech programme.


**We recommend our graduating student Ms. Yamini Gupta Roll No. 1818665 of B.tech Electrical Engineering, E-Mail ID yaminigupta1412@gmail.com Phone No. 8091708590 to undergo Three months industrial training in your esteemed organization (132, KV (ES) Subdivision, HPSEBL Kurthala, Chamba, Himachal Pradesh under 220KV, ES Division HPSEBL Jasur, HP) from January 2022 onwards.**

We would very much appreciate if the student can be accommodated for the training programme in your esteemed organization. My student is sincere and hard working and I am sure that he/she will put in their best efforts during the training program. Looking forward to the conformation from your side.

Kindly give your acceptance in enclosed Performa and send the scanned copy at E-mail: [ritaptu4@gmail.com](mailto:ritaptu4@gmail.com).

Yours Sincerely

  
Head  
Department of Electrical Engineering  
I.K. Gujral Punjab Technical University  
Kapurthala-144006

  
Head  
Department of Electrical Engineering  
I.K. Gujral Punjab Technical University  
Kapurthala-144006

"Propelling Punjab to a Prosperous Knowledge Society"

Ref.No. IKGPTU/EE/35

Dated: 28/01/2022

To

INFOWIZ SOFTWARE SOLUTION  
SCO 118-120 Basement  
Sector 34 A, Chandigarh

(Two months) for B.tech 4th year Student.

Dear Sir/Madam •


To boost the quality of our students and to meet the present industry standards, it is mandatory to the B. Tech students of our institute to undergo an Industry Training (one semester) in two parts: BTEE-721-18 Industrial Training and Project (Industrial Oriented Project Training) for period of one semester in the reputed industry as a part of Academic Curriculum. Department is in a process of enrolling the fourth year students of our institute to various industrial Organisation for one semester industrial training which is an essential component of their four year B. Tech programme.



We recommend our graduating student Mr. Harmanpreet Singh Roll No. 1916677 of B.tech Electrical Engineering, E-Mail ID harman751786@gmail.com Phone No. 7696827113 to undergo Two months industrial training in your esteemed organization from January 2022 onwards.

We would very much appreciate if the student can be accommodated for the training programme in your esteemed organization. My student is sincere and hard working and I am sure that he/she will put in their best efforts during the training program. Looking forward to the conformation from your side.

Kindly give your acceptance in enclosed Performa and send the scanned copy at E-mail: [ritaptu4@gmail.com](mailto:ritaptu4@gmail.com).

Yours Sincerely

  
Head 28/01/2022  
Head  
Department of Electrical Engineering  
I.K. Gujral Punjab Technical University  
Kapurthala-144006

  
Head  
Department of Electrical Engineering  
I.K. Gujral Punjab Technical University  
Kapurthala-144006  


"Propelling Punjab to a Prosperous Knowledge Society"



**PTU**

ਆਈ. ਕੇ. ਗੁਜਰਾਲ ਪੰਜਾਬ ਟੈਕਨੀਕਲ ਯੂਨੀਵਰਸਿਟੀ  
Established Under Punjab Technical University Act, 1996  
(Punjab Act No. 1 of 1997)

## Department of Electrical Engineering

I.K. Gujral Punjab Technical University (Main Campus), Kapurthala

Email. Id: hodee@ptu.ac.in, Contact No.: +91-9478098118

Ref.No. IKGPTU/EE/10

Dated: 17/01/2022

To,  
Abrol Engineering Company  
Pvt. Ltd. Industrial Area.  
Sheikhupur, Kapurthala,  
Punjab 144602

Subject: Industrial Training

(Three months) for B.tech 4th year Student.

Dear Sir/Madam

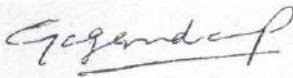
To boost the quality of our students and to meet the present industry standards, it is mandatory to the B. Tech students of our institute to undergo an Industry Training (one semester) in two parts: BTEE-721-18 Industrial Training and Project (Industrial Oriented Project Training) for period of one semester in the reputed industry as a part of Academic Curriculum. Department is in a process of enrolling the fourth year students of our institute to various industrial Organisation for one semester industrial training which is an essential component of their four year B. Tech programme.


We recommend our graduating student Mr. Iqbal Singh Roll No. 1916678 of B.tech Electrical Engineering, E-Mail ID iqbalsaini875@gmail.com Phone No. 9592452286 to undergo Three months industrial training in your esteemed organization from January 2022 onwards.

We would very much appreciate if the student can be accommodated for the training programme in your esteemed organization. My student is sincere and hard working and I am sure that he/she will put in their best efforts during the training program. Looking forward to the conformation from your side.

Kindly give your acceptance in enclosed Performa and send the scanned copy at E-mail: [ritaptu4@gmail.com](mailto:ritaptu4@gmail.com).

Yours Sincerely

  
Head 17/01/2022

  
Head  
Department of Electrical Engineering  
I.K. Gujral Punjab Technical University,  
Kapurthala-144006

"Propelling Punjab to a Prosperous Knowledge Society"

I.K. Gujral Punjab Technical University  
Jalandhar-Kapurthala Highway, Kapurthala-144 603 Website: [www.ptu.ac.in](http://www.ptu.ac.in)  
Mobile: 94780-98118, E-mail [hodee@ptu.ac.in](mailto:hodee@ptu.ac.in)

**PTU**

ਆਈ. ਕੇ. ਗੁਜਰਾਲ ਪੰਜਾਬ ਟੈਕਨੀਕਲ ਯੂਨੀਵਰਸਿਟੀ  
Estd. Under Punjab Technical University Act, 1996  
(Punjab Act No. 1 of 1997)

**Department of Electrical Engineering**  
I.K. Gujral Punjab Technical University (Main Campus), Kapurthala  
Email. Id: hodee@ptu.ac.in, Contact No.: +91-9478098118

Ref.No. IKGPTU/EE/38,

Dated: 04/01/2022

To

66 KV Substation  
Mehta Chowk,  
Punjab 143201

**Subject: Industrial Training (Two months) for B.tech 4th year Student.**

Dear Sir/Madam

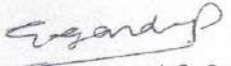
To boost the quality of our students and to meet the present industry standards, it is mandatory to the B. Tech students of our institute to undergo an Industry Training (one semester) in two parts: BTEE-721-18 Industrial Training and Project (Industrial Oriented Project Training) for period of one semester in the reputed industry as a part of Academic Curriculum. Department is in a process of enrolling the fourth year students of our institute to various industrial Organisation for one semester industrial training which is an essential component of their four year B. Tech programme.


We recommend our graduating student Mr.Lovepreet Singh Roll No. 1916679 of B.tech Electrical Engineering, E-Mail ID loveveela24@gmail.com Phone No.6284322587 to undergo Three months industrial training in your esteemed organization from January 2022 onwards.

We would very much appreciate if the student can be accommodated for the training programme in your esteemed organization. My student is sincere and hard working and I am sure that he/she will put in their best efforts during the training program. Looking forward to the conformation from your side.

Kindly give your acceptance in enclosed Performa and send the scanned copy at E-mail: [ritaptu4@gmail.com](mailto:ritaptu4@gmail.com).

Yours Sincerely

  
Head  
Department of Electrical Engineering  
I.K. Gujral Punjab Technical University  
Kapurthala-144006

  
Head  
Department of Electrical Engineering  
I.K. Gujral Punjab Technical University  
Kapurthala-144006

"Propelling Punjab to a Prosperous Knowledge Society"

I.K. Gujral Punjab Technical University  
Jalandhar-Kapurthala Highway, Kapurthala-144 603 Website: [www.ptu.ac.in](http://www.ptu.ac.in)  
Mobile: 94780-98118, E-mail [hodee@ptu.ac.in](mailto:hodee@ptu.ac.in)



Ref.No. IKGPTU/EE/59,

Dated: 08/03/2022

To,  
R.S Educational Institute,  
Sultanpur Lodhi,  
Kapurthala,  
Punjab.

**Subject: Software Training (Three months) for B.tech 4th year Student.**

Dear Sir/Madam

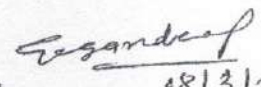
To boost the quality of our students and to meet the present industry standards, it is mandatory to the B. Tech students of our institute to undergo an Industry Training (one semester) in two parts: BTEE-721-18 Industrial Training and Project (Industrial Oriented Project Training) for period of one semester in the reputed industry as a part of Academic Curriculum. Department is in a process of enrolling the fourth year students of our institute to various industrial Organisation for one semester industrial training which is an essential component of their four year B. Tech programme.

**We recommend our graduating student Mr.Navkirat Singh Roll No. 1916680 of B.tech Electrical Engineering, E-Mail ID navkirat612 @gmail.com Phone No.8427887640 to undergo Three months software training in your esteemed organization from January 2022 onwards.**

We would very much appreciate if the student can be accommodated for the training programme in your esteemed organization. My student is sincere and hard working and I am sure that he/she will put in their best efforts during the training program. Looking forward to the conformation from your side.

Kindly give your acceptance in enclosed Performa and send the scanned copy at E-mail: [ritaptu4@gmail.com](mailto:ritaptu4@gmail.com).

Yours Sincerely

  
Head  
Department of Electrical Engineering  
I.K. Gujral Punjab Technical University  
Kapurthala-144006  
08/3/22

  
Head  
Department of Electrical Engineering  
I.K. Gujral Punjab Technical University  
Kapurthala-144006  
08/3/22

Ref.No. IKGPTU/EE/39

Dated: 04/01/2022

To

SSK Group of Industries  
Kapurthala,  
Punjab 144602

**Subject: Industrial Training, (Two months) for B.tech 4th year Student.**

Dear Sir/Madam

To boost the quality of our students and to meet the present industry standards, it is mandatory to the B. Tech students of our institute to undergo an Industry Training (one semester) in two parts: BTEE-721-18 Industrial Training and Project (Industrial Oriented Project Training) for period of one semester in the reputed industry as a part of Academic Curriculum. Department is in a process of enrolling the fourth year students of our institute to various industrial Organisation for one semester industrial training which is an essential component of their four year B. Tech programme.

We recommend our graduating student Mr. Navkirat Singh Roll No. 1916680 of B.tech Electrical Engineering, E-Mail ID navkirat612 @gmail.com Phone No. 8427887640 to undergo Two months industrial training in your esteemed organization from January 2022 onwards.

We would very much appreciate if the student can be accommodated for the training programme in your esteemed organization. My student is sincere and hard working and I am sure that he/she will put in their best efforts during the training program. Looking forward to the conformation from your side.

Kindly give your acceptance in enclosed Performa and send the scanned copy at E-mail: [ritaptu4@gmail.com](mailto:ritaptu4@gmail.com).

Yours Sincerely

Head

Department of Electrical Engineering  
I.K. Gujral Punjab Technical University  
Kapurthala-144006

Head

Department of Electrical Engineering  
I.K. Gujral Punjab Technical University,  
Kapurthala-144006

"Propelling Punjab to a Prosperous Knowledge Society"

I.K. Gujral Punjab Technical University  
Jalandhar-Kapurthala Highway, Kapurthala-144 603 Website: [www.ptu.ac.in](http://www.ptu.ac.in)  
Mobile: 94780-98118, E-mail [hodee@ptu.ac.in](mailto:hodee@ptu.ac.in)



Ref.No. IKGPTU/EE/02

Dated: 03/01/2022

To,

Director

Himachal Pradesh Power Corporation Ltd.

Himfed Building, BCS New Shimla,

Himachal Pradesh.

**Subject: Industrial Training (Three months) for B.tech 4th year Student.**

Dear Sir/Madam

To boost the quality of our students and to meet the present industry standards, it is mandatory to the B. Tech students of our institute to undergo an Industry Training (one semester) in two parts: BTEE-721-18 (Industrial Oriented Project Training) for period of one semester in the reputed industry as a part of Academic Curriculum. Department is in a process of enrolling the fourth year students of our institute to various industrial Organisation for one semester industrial training which is an essential component of their four year B. Tech programme.

**We recommend our graduating student Mr. Pankaj Kumar Gautam Roll No. 1916681 of B.tech Electrical Engineering, E-Mail ID shunugautam@gmail.com Phone No. 9882921006 to undergo Three months industrial training in your esteemed organization from January 2022 onwards.**

We would very much appreciate if the student can be accommodated for the training programme in your esteemed organization. My student is sincere and hard working and I am sure that he/she will put in their best efforts during the training program. Looking forward to the conformation from your side.

Kindly give your acceptance in enclosed Performa and send the scanned copy at E-mail: [ritaptu4@gmail.com](mailto:ritaptu4@gmail.com).

Yours Sincerely

Head  
Department of Electrical Engineering  
I.K. Gujral Punjab Technical University  
Kapurthala-144006

Head  
Department of Electrical Engineering  
I.K. Gujral Punjab Technical University  
Kapurthala-144006





I.K. GUJRAL PUNJAB TECHNICAL UNIVERSITY, KAPURTHALA  
CIIT  
(CENTER FOR INVENTION, INNOVATION, INCUBATION AND TRAINING)

APPLICATION FORM

(SESSION 2021-2022)




Campus: ☒ Kapurthala/Sultanpur Lodhi (Please tick)

Name of Trainee	Suraj Parkash
Father's Name	Satpal
Permanent Address	H.No. 1880/B-14, GALLI No. 13, MAANNAGAR, DERA BABA NANAK ROAD, BATALA
Contact Number	84373-29809, 62802-54754
Email Id	surajkhokhar007@gmail.com
College Name	I.K. Gujral Punjab Technical University, Main Campus, Kapurthala
College Address	Jalandhar- Kapurthala Highway, Kapurthala
Branch	Electrical Engg. (B.Tech)
Roll Number	1916682
Qualification	Under Graduate
Percentage (Till Now)	74.20%

  
Applicant Signature

  
Head  
Department of Electrical Engineering  
I.K. Gujral Punjab Technical University  
Kapurthala-141001

  
Coordinator CIIT

\*Please Submit the Scanned Copy of this Duly Filled Application Form to [coordinatorciitkpt@ptu.ac.in](mailto:coordinatorciitkpt@ptu.ac.in) and send the hard copy of the format Department of Mechanical Engineering, CB-I, Ground Floor, IKGPTU Main Campus, Kapurthala.





I.K. GUJRAL PUNJAB TECHNICAL UNIVERSITY, KAPURTHALA  
CIIT  
(CENTER FOR INVENTION, INNOVATION, INCUBATION AND TRAINING)

APPLICATION FORM  
(SESSION 2018-2022)



Campus: Kapurthala/Sultanpur Lodhi (Please tick)

Name of Trainee	ABHISHEK PROCHA
Father's Name	SUKHBIR SINGH
Permanent Address	HOUSE NO. 551 WARD NO. 08 JAKHAL (FATEHABAD) HARYANA 125133
Contact Number	7876620662
Email Id	prochaabhi@gmail.com
College Name	I.K. GUJRAL PUNJAB TECHNICAL UNIVERSITY MAIN CAMPUS, KAPURTHALA
College Address	KAPURTHALA HIGHWAY, VPO - IBBAN, DISTT, KAPURTHALA, PUNJAB 144603
Branch	ELECTRICAL ENGINEERING
Roll Number	1801765
Qualification	B.TECH (FINAL YEAR) ✓
Percentage (Till Now)	79.36

Abhishek Procha  
Applicant Signature

Head  
Department of Electrical Engineering  
I.K. Gujral Punjab Technical University  
Kapurthala-144006

Procha

Coordinator CIIT  
Coordinator CIIT

\*Please Submit the Scanned Copy of this Duly Filled Application Form to [coordinatorciitkpt@ptu.ac.in](mailto:coordinatorciitkpt@ptu.ac.in) and send the hard copy of the format Department of Mechanical Engineering, CB-I, Ground Floor, IKGPTU Main Campus, Kapurthala.

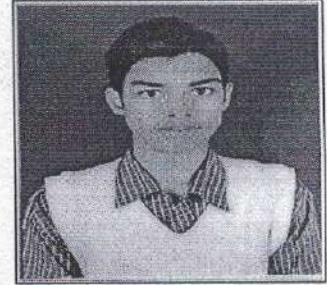




I.K. GUJRAL PUNJAB TECHNICAL UNIVERSITY, KAPURTHALA  
CIIIT  
(CENTER FOR INVENTION, INNOVATION, INCUBATION AND TRAINING)

APPLICATION FORM

(SESSION 2018-2022\_\_\_\_\_)



Campus: Kapurthala/Sultanpur Lodhi (Please tick)

Name of Trainee	RAHUL KUMAR
Father's Name	RAMBABU RAY
Permanent Address	VILL+PO:- LAKHANPUR PS:- KATRA DISTRICT:- MUZAFFARPUR
Contact Number	9507180587
Email Id	kumar.rahul969087@gmail.com
College Name	I.K. GUJRAL PUNJAB TECHNICAL UNIVERSITY JALANDHAR
College Address	KAPURTHALA HIGHWAY JALANDHAR PUNJAB (144603)
Branch	ELECTRICAL ENGINEERING
Roll Number	1801767
Qualification	B.TECH
Percentage (Till Now)	81.43

Head  
Department of Electrical Engineering  
I.K. Gujral Punjab Technical Unive  
Kapurthala-144006

Applicant Signature

Rahul kumar

Coordinator CIIIT  
Coordinator CIIIT

\*Please Submit the Scanned Copy of this Duly Filled Application Form to [coordinatorciiitkpt@ptu.ac.in](mailto:coordinatorciiitkpt@ptu.ac.in) and send the hard copy of the format Department of Mechanical Engineering, CB-I, Ground Floor, IKGPTU Main Campus, Kapurthala.



Ref.No. IKGPTU/EE/36

Dated: 31/01/2022

To

PSPCL Sub Station  
Lehragaga

(Two months) for B.tech 4th year Student.

Dear Sir/Madam

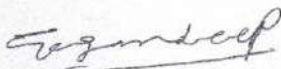
To boost the quality of our students and to meet the present industry standards, it is mandatory to the B. Tech students of our institute to undergo an Industry Training (one semester) in two parts: BTEE-721-18 Industrial Training and Project (Industrial Oriented Project Training) for period of one semester in the reputed industry as a part of Academic Curriculum. Department is in a process of enrolling the fourth year students of our institute to various industrial Organisation for one semester industrial training which is an essential component of their four year B. Tech programme.


**We recommend our graduating student Mr.Ranjeet Singh Roll No. 1801768 of B.tech Electrical Engineering, E-Mail ID si7ranjeet@gmail.com Phone No.8437365052 to undergo Two months industrial training in your esteemed organization from January 2022 onwards.**

We would very much appreciate if the student can be accommodated for the training programme in your esteemed organization. My student is sincere and hard working and I am sure that he/she will put in their best efforts during the training program. Looking forward to the conformation from your side.

Kindly give your acceptance in enclosed Performa and send the scanned copy at E-mail: [ritaptu4@gmail.com](mailto:ritaptu4@gmail.com).

Yours Sincerely

  
Head  
31/01/2022  
Department of Electrical Engineering  
I.K. Gujral Punjab Technical University  
Kapurthala-144006

  
Head  
Department of Electrical Engineering  
I.K. Gujral Punjab Technical University  
Kapurthala-144006



"Propelling Punjab to a Prosperous Knowledge Society"

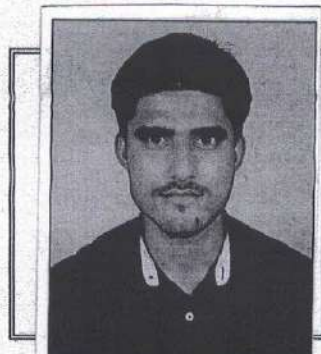
I.K. Gujral Punjab Technical University  
Jalandhar-Kapurthala Highway, Kapurthala-144 603 Website: [www.ptu.ac.in](http://www.ptu.ac.in)  
Mobile: 94780-98118, E-mail [hodee@ptu.ac.in](mailto:hodee@ptu.ac.in)





I.K. GUJRAL PUNJAB TECHNICAL UNIVERSITY, KAPURTHALA  
CIIT  
(CENTER FOR INVENTION, INNOVATION, INCUBATION AND TRAINING)

APPLICATION FORM  
(SESSION 2018 - 2022)



Campus: Kapurthala/Sultanpur Lodhi (Please tick)

Name of Trainee	Satyam Kumar Choudhary.
Father's Name	Ram Bahadur Choudhary.
Permanent Address	Village - Kurson, P.O - Kurson-Nadiyami, P.S - Sakatpur, Distt - Darbhanga, Bihar (847405)
Contact Number	7281878891
Email Id	Satyamsri437@gmail.com
College Name	I.K.U.P.T.U (Main campus)
College Address	I.K.U.P.T.U (Main campus), Kapurthala. Punjab (144603)
Branch	B.Tech (Electrical Engineering) Sem - 7th
Roll Number	1801769
Qualification	B.Tech (Electrical Engineering) Sem - 7th
Percentage (Till Now)	78.6% (upto 6th sem)

Satyam kr. Chy.  
Applicant Signature

Coordinator CIIT

\*Please Submit the Scanned Copy of this Duly Filled Application Form to [coordinatorciitkpt@ptu.ac.in](mailto:coordinatorciitkpt@ptu.ac.in) and send the hard copy of the format Department of Mechanical Engineering, CB-I, Ground Floor, IKGPTU Main Campus, Kapurthala.

Department of Mechanical Engineering  
I.K. Gujral Punjab Technical University  
Kapurthala - 144006



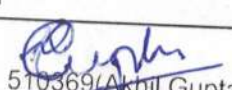
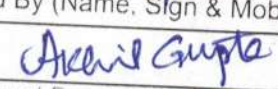
# I.K.Gujral Punjab Technical University

Dr. Akhil

Internal Theory, Practical and External Practical Awards for Examination :Nov-2021	
Institute	I.K. Gujral Punjab Technical University Main Campus, Kapurthala
Branch/Sem.	B.Tech. (Electrical Engineering) / 3
Subject	77084 / BTEE-321-18 / PRACTICAL / Institutional Summer Vacation Training
Scheme	2508 / B.Tech. (Electrical Engineering), Semester-3, 2018
Mode of Conduct of Practical Examination:	Online mode
Max.Int:- 1	Max. External:- 0

Sr.No.	Roll Number	Int. Att	Int Marks	Marks in Words	Ext. Att	Ext. Marks	Marks in Words
1	2022631	P	1	One	NA	NA	NA
2	2022633	P	1	One	NA	NA	NA
3	2022634	P	1	One	NA	NA	NA
4	2022635	P	1	One	NA	NA	NA
5	2022636	P	1	One	NA	NA	NA
6	2022637	P	1	One	NA	NA	NA
7	2022638	P	1	One	NA	NA	NA
8	2022639	P	1	One	NA	NA	NA
9	2022641	P	1	One	NA	NA	NA
10	2022642	P	1	One	NA	NA	NA
11	2022643	P	1	One	NA	NA	NA
12	2022647	P	1	One	NA	NA	NA
13	2022648	P	1	One	NA	NA	NA
14	2022649	P	1	One	NA	NA	NA
15	2022650	P	1	One	NA	NA	NA
16	2022652	P	1	One	NA	NA	NA
17	2022653	P	1	One	NA	NA	NA
18	2022654	P	1	One	NA	NA	NA
19	2022655	P	1	One	NA	NA	NA
20	2022656	P	1	One	NA	NA	NA
21	2022657	P	1	One	NA	NA	NA
22	2022659	P	1	One	NA	NA	NA
23	2022660	P	1	One	NA	NA	NA
24	2022661	P	1	One	NA	NA	NA
25	2022662	P	1	One	NA	NA	NA
	2022663	P	1	One	NA	NA	NA

1. Certified that all the Candidates have completed the prescribed course of study and fulfilled all the conditions laid down in the Regulations for the examination and are eligible. The above marks have been matched with original award of each student. In case of any discrepancy filled / Uploaded by me in the award list, I shall be responsible for the consequences.
2. Certified that Internal and External Examiner(s) fulfilling the minimum norms laid down by the university for conduct of External Practical Examination.

Sign & Mobile No. of Internal Faculty Member	Sign of HOD	Name & Sign of Director/Dean (Academics)
 510369(Akhil Gupta)	216652(Gagandeep Kaur)	
Uploaded By (Name, Sign & Mobile No.)		Name & Mobile No. of External Examiner
		NA

Note: Internal Faculty Members are required to sign



# I.K.Gujral Punjab Technical University

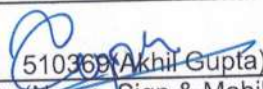
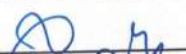
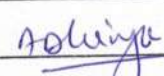
**Internal Theory, Practical and External Practical Awards for Examination :April-2022**

Institute	I.K. Gujral Punjab Technical University Main Campus, Kapurthala		
Branch/Sem.	B.Tech. (Electrical Engineering) / 8		
Subject	90914 / BTEE-721-18.. / PRACTICAL / Industrial Training & Project		
Scheme	3972 / B.Tech. (Electrical Engineering), Semester-8, 2018, Training		
Mode of Conduct of Practical Examination:	offline mode		
Max.Int:-	150	Max. External:-	100

Sr.No.	Roll Number	Int. Att	Int Marks	Marks in Words	Ext. Att	Ext. Marks	Marks in Words
1	1801765	P	127	One Hundred Twenty-Seven	P	80	Eighty
2	1801767	P	122	One Hundred Twenty-Two	P	81	Eighty-One
3	1801768	P	121	One Hundred Twenty-One	P	82	Eighty-Two
4	1801769	P	129	One Hundred Twenty-Nine	P	87	Eighty-Seven
5	1818650	P	123	One Hundred Twenty-Three	P	84	Eighty-Four
6	1818651	P	126	One Hundred Twenty-Six	P	85	Eighty-Five
7	1818652	P	127	One Hundred Twenty-Seven	P	88	Eighty-Eight
8	1818653	P	122	One Hundred Twenty-Two	P	83	Eighty-Three
9	1818654	P	128	One Hundred Twenty-Eight	P	87	Eighty-Seven
10	1818655	P	132	One Hundred Thirty-Two	P	88	Eighty-Eight
11	1818656	P	127	One Hundred Twenty-Seven	P	85	Eighty-Five
12	1818657	P	126	One Hundred Twenty-Six	P	86	Eighty-Six
13	1818658	P	125	One Hundred Twenty-Five	P	83	Eighty-Three
14	1818659	P	127	One Hundred Twenty-Seven	P	82	Eighty-Two
15	1818660	P	128	One Hundred Twenty-Eight	P	84	Eighty-Four
16	1818661	P	129	One Hundred Twenty-Nine	P	86	Eighty-Six
17	1818662	P	126	One Hundred Twenty-Six	P	83	Eighty-Three
18	1818663	P	130	One Hundred Thirty	P	85	Eighty-Five
19	1818664	P	132	One Hundred Thirty-Two	P	84	Eighty-Four
20	1818665	P	131	One Hundred Thirty-One	P	86	Eighty-Six

1. Certified that all the Candidates have completed the prescribed course of study and fulfilled all the conditions laid down in the Regulations for the examination and are eligible. The above marks have been matched with original award of each student. In case of any discrepancy filled / Uploaded by me in the award list, I shall be responsible for the consequences.

2. Certified that Internal and External Examiner(s) fulfilling the minimum norms laid down by the university for conduct of External Practical Examination.

Sign & Mobile No. of Internal Faculty Member	Sign of HOD	Name & Sign of Director/Dean (Academics)
 510369(Akhil Gupta)	 216652(Gagandeep Kaur)	
Uploaded By (Name, Sign & Mobile No.)	Name & Mobile No. of External Examiner	
 (Arvind Dhillon)	DR. ARVIND DHILLON  9814163429	

Note: Internal Faculty Members are required to sign on every page with date.

98550  
4/11/24

18/6/22

9814163429

18/08/2022



# I.K.Gujral Punjab Technical University

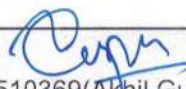
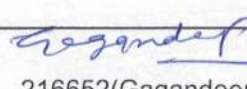
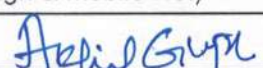
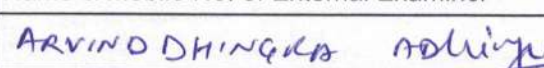
**Internal Theory, Practical and External Practical Awards for Examination :April-2022**

Institute	I.K. Gujral Punjab Technical University Main Campus, Kapurthala		
Branch/Sem.	B.Tech. (Electrical Engineering) - Lateral Entry / 8		
Subject	90914 / BTEE-721-18.. / PRACTICAL / Industrial Training & Project		
Scheme	3971 / B.Tech. (Electrical Engineering) - Lateral Entry, Semester-8, 2018, Training		
Mode of Conduct of Practical Examination:		offline mode	
Max.Int:-	150	Max. External:-	100

Sr.No.	Roll Number	Int. Att	Int Marks	Marks in Words	Ext. Att	Ext. Marks	Marks in Words
1	1916677	P	124	One Hundred Twenty-Four	P	86	Eighty-Six
2	1916678	P	131	One Hundred Thirty-One	P	87	Eighty-Seven
3	1916679	P	126	One Hundred Twenty-Six	P	81	Eighty-One
4	1916680	P	127	One Hundred Twenty-Seven	P	82	Eighty-Two
5	1916681	P	128	One Hundred Twenty-Eight	P	83	Eighty-Three
6	1916682	P	128	One Hundred Twenty-Eight	P	84	Eighty-Four


**1. Certified that all the Candidates have completed the prescribed course of study and fulfilled all the conditions laid down in the Regulations for the examination and are eligible. The above marks have been matched with original award of each student. In case of any discrepancy filled / Uploaded by me in the award list, I shall be responsible for the consequences.**

**2. Certified that Internal and External Examiner(s) fulfilling the minimum norms laid down by the university for conduct of External Practical Examination.**

Sign & Mobile No. of Internal Faculty Member	Sign of HOD	Name & Sign of Director/Dean (Academics)
 510369(Akhil Gupta)	 216652(Gagandeep Kaur)	
Uploaded By (Name, Sign & Mobile No.)	Name & Mobile No. of External Examiner	
 Arvind Gupta	 Arvind Dhillon	

Note: Internal Faculty Members are required to sign on every page with date.

98550  
4/1/24

  
18/06/22

9814163428

18/06/2022



## Department of Electrical Engineering, Main Campus-Kapurthala

IKGPTU/EE/N/22,

17/06/2021,  
18/06/2021

### NOTICE

**Subject: Internal Evaluation of BTEE-721-18 One Semester Industrial Training (Batch 2017)**

- A. The students of B. Tech. EE, Batch 2017-21 are undertaking the training in two parts\*:

Training Part-1	Software Training & Project or Industrial Training & Project
Training Part-2	Industrial Training & Project or Software Training & Project

*\*the order of undertaking the trainings is not fixed.*

- B. The evaluation schemes as per the syllabus is appended:

BTEE-721-18 One Semester Training		Marks				Total Mark s	Credit s	
		Internal						External
		Mid- semester		End-semester				
Evaluation by	Institute	Industry	Institute	Industry	External Examiner	500	16	
	Software Training & Project	50	25	50				25
	Industrial Training & Project	50	25	50				25
	Total	300						200

- C. Guidelines for the submission/presentation (on-line) of the One semester Training

#### Training Part-1

The students need to submit the following:

1. Training Report.
2. Certificate of completion of training.
3. Marks from the industry (Max marks: 50; 25 marks for mid-semester training and 25 marks for end-semester training).
4. Daily diary.
5. PDF of the presentation being made.

After online submission of the above documents each student will make a 15-minute presentation which will be followed by a viva-voce conducted as per "D".

#### Training Part-2

All documents mentioned in training Part-1 if the training schedule is over  
or

1. Draft of Training Report.

After online submission of the above document each student will make a 10-minute presentation which will be followed by a viva-voce conducted as per "D".

The training report, Certificate of completion of training, Marks from industry (Max marks: 50; 25 marks for mid-semester training and 25 marks for end-semester training), Daily diary to be submitted after the training is completed and before the conduct of the external evaluation.

**\*Note: The following are to be submitted in the Department at the time of No Dues**

*[Signature]*



## Department of Electrical Engineering, Main Campus-Kapurthala

1. Training reports (Software Training & Project and Industrial Training & Project)
2. Daily Dairy (Software Training & Project and Industrial Training & Project)
3. Certificates of completion of training/s (Software Training & Project and Industrial Training & Project).

D. The teacher incharge of the evaluation will be Dr Naveen Kumar Sharma. The presentations will start at 10:00am onwards as per the appended schedule:

Sr. no.	Roll No.	Name	Software Training & Project		Industrial Training & Project	
			Date/Day	Internal (Institute) evaluation	Date/Day	Internal (Institute) evaluation
1.	1731869	Archit Sharma	21/06/2021 (Monday)	Dr Naveen Kumar Sharma	22/06/2021 (Tuesday)	Dr Deepika Bhalla
2.	1731871	Gaurav Saroya				
3.	1731873	Gourav Bhardwaj				
4.	1731874	Khamesh Sharma				
5.	1731875	Kumari Anshu				
6.	1731876	Mohammad Rafi				
7.	1731877	Munish Kumar				
8.	1731878	Neelmani				
9.	1731879	Pankaj Kumar				
10.	1731880	Shishant Sharma				
11.	1731881	Shivam Chauhan				
12.	1731883	Sourav Verma	22/06/2021 (Tuesday)			
13.	1731885	Vishal Kumar				
14.	1731886	Vivek Bhagat				
15.	1818666	Abhishek Verma				
16.	181866	Amit Kumar	22/06/2021 (Tuesday)		21/06/2021 (Monday)	





**Department of Electrical Engineering, Main Campus-Kapurthala**

	7					
17.	181866 8	Anshul Kanwar				
18.	181866 9	Baljinder Singh				
19.	181867 0	Gagan Sharma				
20.	181867 1	Paras Sharma				
21.	181867 2	Prince Saklani				
22.	173184 1	Kavita Pathak				
23.	173163 6	Prince				
24.	173163 7	Romandeep Singh				

  
**Head of Department**

17/6/2021

CC: Notice Board

Concerned faculty

SA for compliance of submissions\* at the time of no dues

**I.K. Gujral Punjab Technical University, Kapurthala**  
**Department of Electrical Engineering (Main Campus)**

Ref. No. IKGPTU/EE/Cir/38,

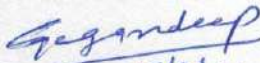
Date 05/08/2021,

**Circular**

The students of B. Tech 7<sup>th</sup> sem. Electrical Engineering (2018 batch) shall work under the following supervisors for completion of Project-2 in July-Dec 2021.

Group No.	Roll. No	Name of Students	Allocated Supervisor Name
Group 01	1818650	Abhinav Pathania	Dr. Yadwinder Singh Brar
	1818660	Pritish Tuteja	
	1818662	Ramandeep Singh	
Group 02	1916677	Harmanpreet Singh	Dr. Yadwinder Singh Brar
	1916679	Lovepreet Singh	
	1916682	Suraj Parkash	
Group 03	1818653	Bhanu	Dr. Gagandeep Kaur
	1818654	Gagandeep	
	1818656	Harshdeep Rai	
	1818658	Manga	
Group 04	1801769	Satyam Kumar Choudhary	Dr. Deepika Bhalla
	1801765	Abhishek Procha	
	1801767	Rahul Kuamr	
	1801768	Ranjeet Singh	
Group 05	1818655	Harkaran	Dr. Naveen Kumar Sharma
	1916678	Iqbal Singh	
	1916680	Navkirat Singh	
	1916681	Pankaj Kumar Gautam	
Group 06	1818651	Ankur Chauhan	Dr. Akhil Gupta
	1818657	Kartikay	
	1818661	Priya Kumari	
	1818665	Yamini Gupta	
Group 07	1818652	Anmol Kalia	Dr. Akhil Gupta
	1818659	Parveen Kumar	
	1818663	Ruhi Kumari	
	1818664	Suraj Paliyal	

Allocated group students will report to their respective supervisor's classes as per time table.

  
Head  
Electrical Engineering  
IKGPTU (Main Campus)

CC:

- All Concerned faculty
- Office File
- NB (EE)



**I.K. Gujral Punjab Technical University, Kapurthala**  
**Department of Electrical Engineering (Main Campus)**

IKGPTU/EE/Cir/159,

Dated 04/10/22,


**Department Circular**

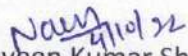
**Subject: Assigning of Supervisor for 3<sup>rd</sup> & 4<sup>th</sup> semester course of M. Tech EE (PSRE) Phase-I Dissertation-I PSRE/302/21 & Phase-II Dissertation-II PSRE/401/21 of Batch 2021.**

The details of the following students group as based on the students request through e-mail/ verbal discussion and supervisor is appended:

**M. Tech EE (PSRE) Phase-I Dissertation-I PSRE/302/21 & Phase-II Dissertation-II PSRE/401/21.**

Sr. No	Roll No.	Name	Allotted Faculty/ Supervisor for Phase-I Dissertation-I & Phase-II Dissertation II
1	2124645	Avinash Verma	Prof. (Dr) Y.S Brar & Dr. Naveen Kumar Sharma
2	2124646	Baljinder Singh	Dr. Akhil Gupta
3	2124647	Gaurav Saroya	Dr. Deepika Bhalla
4	2124648	Kamran Alam	Dr. Deepika Bhalla
5	2124649	Lakngam Angkang	Dr. Naveen Kumar Sharma & Prof. (Dr) Y.S Brar
6	2124650	Vivek Bhagat	Dr. Akhil Gupta & Dr. Naveen Kumar Sharma
7	2124651	Vivek Sharma	Prof. (Dr) Y.S Brar & Dr. Naveen Kumar Sharma

  
Prof.(Dr) Y.S Brar  
Head of Department

  
Dr. Naveen Kumar Sharma  
Academic Coordinator

CC

- All Concerned
- Academic File

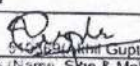

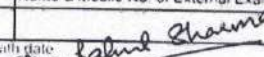
I.K.Gujral Punjab Technical University							
Internal Theory, Practical and External Practical Awards for Examination Nov-2021							
Institute	I.K. Gujral Punjab Technical University Main Campus, Kapurthala						
Branch/Sem	B.Tech. (Electrical Engineering) - Lateral Entry / 5						
Subject	78317 / BTEE-521-18 / PRACTICAL / Summer Industry Internship						
Scheme	3004 / B.Tech. (Electrical Engineering) - Lateral Entry, Semester-5, 2018						
Mode of Conduct of Practical Examination:				Online mode			
Max. Int. - 40		Max. External - 60					

Sr. No.	Roll Number	Int. Att	Int. Marks	Marks in Words	Ext. Att	Ext. Marks	Marks in Words
1	2022782	P	34	Thirty-Four	P	46	Forty-Six
2	2022783	P	32	Thirty-Two	P	45	Forty-Five
3	2022784	P	31	Thirty-One	P	44	Forty-Four
4	2022785	P	33	Thirty-Three	P	51	Fifty-One
5	2022786	P	35	Thirty-Five	P	51	Fifty-One
6	2022787	P	34	Thirty-Four	P	54	Fifty-Four
7	2022789	P	32	Thirty-Two	P	49	Forty-Nine

1. Certified that all the Candidates have completed the prescribed course of study and fulfilled all the conditions laid down in the Regulations for the examination and are eligible. The above marks have been matched with original award of each student. In case of any discrepancy filled / Uploaded by me in the award list, I shall be responsible for the consequences.

2. Certified that Internal and External Examiner(s) fulfilling the minimum norms laid down by the university for conduct of External Practical Examination.

Sign & Mobile No. of Internal Faculty Member	Sign of HOD	Name & Sign of Director/Dean (Academics)
 9450914911 (Gupta)	216652 (Gagandeep Kaur)	
Uploaded By (Name, Sign & Mobile No.)	Name & Mobile No. of External Examiner	
 92550 41124	 74731 55364	

Members are requested to sign on every page with date.


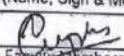
IES TO DULY  
D TO STORE

ndhar, M. 98798



1. Certified that all the Candidates have completed the prescribed course of study and fulfilled all the conditions laid down in the Regulations for the examination and are eligible. The above marks have been matched with original award of each student. In case of any discrepancy filled / Uploaded by me in the award list, I shall be responsible for the consequences.

2. Certified that Internal and External Examiner(s) fulfilling the minimum norms laid down by the university for conduct of External Practical Examination.

Sign & Mobile No. of Internal Faculty Member	Sign of HOD	Name & Sign of Director/Dean (Academics)
 510369 (Amit Gupta)	216652 (Gagandeep Kaur)	
Uploaded By (Name, Sign & Mobile No.)		Name & Mobile No. of External Examiner
 Amit Gupta 98550 41124		Mr. Rahul Sharma Mob. 99731 55364

Note: Internal Faculty Members are required to sign on every page with date.

UES TO DULY  
ED TO STORE

andhar, M.: 98728-34336  
it\_ag2004@yahoo.co.in

I.K.Gujral Punjab Technical University			
Internal Theory, Practical and External Practical Awards for Examination Nov-2021			
Institute	I.K. Gujral Punjab Technical University Main Campus, Kapurthala		
Branch/Sem	B.Tech. (Electrical Engineering) / 5		
Subject	78317 / BTEE-521-18 / PRACTICAL / Summer Industry Internship		
Scheme	2961 / B.Tech. (Electrical Engineering) Semester-5, 2018		
Mode of Conduct of Practical Examination	Online mode		
Max Int -	40	Max External -	60

Sr. No	Roll Number	Int. Att	Int. Marks	Marks in Words	Ext. Att	Ext. Marks	Marks in Words
1	1901884	P	32	Thirty-Two	P	41	Forty-One
2	1901885	P	33	Thirty-Three	P	43	Forty-Three
3	1901886	P	32	Thirty-Two	P	51	Fifty-One
4	1901887	P	35	Thirty-Five	P	50	Fifty
5	1901888	P	30	Thirty	P	41	Forty-One
6	1916537	P	34	Thirty-Four	P	40	Forty
7	1916538	P	33	Thirty-Three	P	49	Forty-Nine
8	1916539	P	30	Thirty	P	42	Forty-Two
9	1916540	P	32	Thirty-Two	P	44	Forty-Four
10	1916542	P	33	Thirty-Three	P	40	Forty
11	1916543	P	28	Twenty-Eight	P	45	Forty-Five
12	1916544	P	29	Twenty-Nine	P	48	Forty-Eight
13	1916545	P	31	Thirty-One	P	41	Forty-One
14	1916546	P	32	Thirty-Two	P	44	Forty-Four
15	1916547	P	34	Thirty-Four	P	41	Forty-One
16	1916548	P	32	Thirty-Two	P	48	Forty-Eight
17	1916549	P	32	Thirty-Two	P	46	Forty-Six
18	1916551	P	33	Thirty-Three	P	44	Forty-Four
19	1916552	P	34	Thirty-Four	P	48	Forty-Eight
20	1916553	P	31	Thirty-One	P	52	Fifty-Two
21	1916554	P	30	Thirty	P	52	Fifty-Two
22	1916555	P	30	Thirty	P	41	Forty-One
23	1916556	P	32	Thirty-Two	P	44	Forty-Four
24	1916557	P	31	Thirty-One	P	48	Forty-Eight
25	1916559	P	30	Thirty	P	47	Forty-Seven
26	1916560	P	34	Thirty-Four	P	42	Forty-Two
27	1916561	P	34	Thirty-Four	P	41	Forty-One
28	1916562	P	33	Thirty-Three	P	45	Forty-Five
29	1916563	P	32	Thirty-Two	P	54	Fifty-Four
30	1916564	P	33	Thirty-Three	P	42	Forty-Two
31	1916565	P	36	Thirty-Six	P	52	Fifty-Two
32	1916566	P	30	Thirty	P	51	Fifty-One
33	1916568	P	32	Thirty-Two	P	44	Forty-Four
34	1916569	P	35	Thirty-Five	P	41	Forty-One
35	1916570	P	34	Thirty-Four	P	49	Forty-Nine
36	1916571	P	34	Thirty-Four	P	51	Fifty-One
37	1916572	P	34	Thirty-Four	P	46	Forty-Six
38	1916573	P	32	Thirty-Two	P	45	Forty-Five

*Original*

IS TO DULY  
TO STORE

har, M.: 98728-34336  
g2004@yahoo.co.in





<b>BTEE-521-18</b>	<b>Summer Industry Internship/ Field Training</b>	<b>(Non-Credit)</b>
--------------------	---	---------------------

Six weeks in an Industry in the area of Electrical Engineering during summer vacations after 4<sup>th</sup> semester. The summer internship should give exposure to the practical aspects of the discipline. In addition, the student may also work on a specified task or project which may be assigned to him/her. The outcome of the internship should be presented in the form of a report. The student will make a presentation based upon the Industry Internship attended. Performance to be rated as Satisfactory/Un -Satisfactory (S/US). For unsatisfactory the internship to be repeated.

Evaluation scheme (Summer Industry Internship/ Field Training)

<i>Internal (to be evaluated by Industry)</i>	<i>Marks</i>	<i>External* (to be evaluated by Department)</i>	<i>Marks</i>
Attendance	15	Daily Dairy	5
Performance (Work done /simulation/hardware/project developed)	30	Report	10
Report	10	Presentation (Work done /simulation/hardware/project developed)	25
Daily Dairy	05		
<b>Total</b>	<b>60</b>	<b>Total</b>	<b>40</b>

\*External examiner not to be called.

**Range of credits for Honors Degree** -Minimum credits as per scheme are required by a student to be eligible to get Under Graduate degree in Electrical Engineering. A student will be eligible to get Under Graduate degree with Honours, if he/she completes an additional 20 credits. These could be acquired through MOOCs and registering in the department.

**Range of Credits and Courses for Major Degree in B. Tech. (Electrical Engineering) and Minor Degree in B.Tech. (Electrical and Computer Engineering)**

- A student admitted in B. Tech (EE) may opt for Major Degree in B. Tech. (Electrical Engineering) and Minor Degree in B.Tech. (Electrical and Computer Engineering) with effect from 3rd semester onwards..
- The student must clear his/her previous two semesters (1<sup>st</sup> and 2<sup>nd</sup> Semester).
- The student/candidate will require to clear at least five theory subjects for Minor Degree in B.Tech.
- The minimum credits for Minor Degree in B. Tech. will be 20 in which the student will have to clear minimum two (2) Core Courses and three (3) Professional Elective (PE) Courses / Core Courses).
- A student is permitted to take maximum 8 credits (theory + lab) per semester pertaining to their Minor Degree in B.Tech.

**Virtual Laboratories:** Students may take at least one virtual laboratory any time before the commencement of the 8<sup>th</sup> Semester.

**Open Elective:** A student may take Courses from the list of Open Electives offered by other Departments or MOOCs Courses of SWAYAM/MOOCs courses approved by the Board of Studies.



**I.K. Gujral Punjab Technical University, Main Campus, Kapurthala**  
**Department: Electrical Engineering (Main Campus)**

IKGPTU/EE/69

Dated:17-01-2022

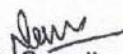
**Department Notice**

**Subject: B. Tech. EE [3<sup>rd</sup> Semester (Regular+ LEET), 5<sup>th</sup> Semester & 7<sup>th</sup> Semester] External Practical Examination and Viva-voce (On-line or Digital Mode), Practical University Examination January 2022**

As per IKGPTU/Exam-Nov 2021/011, dated 07/01/2022 please find appended the proposed Date Sheet, List of Internal and External Practical Examiners and TA.

Date	Session/ Time	Course Code	Course	Internal Examiners	instructor/TA
<b>3<sup>rd</sup> Semester, B. Tech. EE (Regular &amp; LEET)</b>					
<b>20/01/2022 (Thursday)</b>	Morning 10:00am to 1:00pm	BTEE- 311-18 (Regular/Reappear)	Analog Electronics Laboratory	Dr. Dalveer Kaur	Er Mandeep (ECE)
<b>21/01/2021 (Friday)</b>	Morning 10:00am to 1:00pm	BTEE- 312-18 (Regular/Reappear)	Electrical Machines- I Laboratory	Dr. Deepika Bhalla	Er Naveen Dogra
<b>24/01/2021 (Monday)</b>	Morning 10:00am to 1:00pm	BTEE- 312-18 (Regular/Reappear)	Institutional Summer Vacation Training	Dr. Akhil Gupta	Er Naveen Dogra
<b>5<sup>th</sup> Semester, B. Tech. EE (Regular)</b>					
<b>20/01/2022 (Thursday)</b>	Morning 10:00am to 1:00pm	BTEE-511-18 (Regular/Reappear)	Power Systems-I Laboratory	Dr. Naveen Kumar Sharma	Er Ritu
	Afternoon 2:00pm to 5:00pm	1 <sup>st</sup> / 2 <sup>nd</sup> /3 <sup>rd</sup> / 4 <sup>th</sup> /5 <sup>th</sup> / 6 <sup>th</sup> 7 <sup>th</sup> (All Reappear Students)	Any EE laboratory (1 <sup>st</sup> / 2 <sup>nd</sup> / 3 <sup>rd</sup> / 5 <sup>th</sup> / 7 <sup>th</sup> Semester)	Dr. Akhil Gupta	Er Ritu
<b>21/01/2021 (Friday)</b>	Afternoon 2:00pm to 5:00pm	BTEE-512-18 (Regular/Reappear)	Control Systems Laboratory	Dr. Akhil Gupta	Er Naveen Dogra
<b>24/01/2021 (Monday)</b>	Morning 10:00am to 1:00pm	BTEE-513-18 (Regular/Reappear)	Microprocessors Laboratory	Dr. Chandanpreet Kaur (ECE)	Er Mandeep (ECE)
	Afternoon 2:00 pm to 5:00 pm	BTEE-521-18 (Regular/Reappear)	Summer Industry Internship	Dr. Akhil Gupta	Er Naveen Dogra
<b>7<sup>th</sup> Semester, B. Tech. EE (Regular)</b>					
<b>21/01/2021 (Friday)</b>	Afternoon 2:00 pm to 5:00 pm	BTEE-721-18 (Regular/Reappear)	Project-2	Dr. Naveen Kumar Sharma	Er Ritu

For the above practical courses of B. Tech. EE [3<sup>rd</sup> Semester (Regular+ LEET), 5<sup>th</sup> Semester & 7<sup>th</sup> Semester] External Viva-voce for Examination to be conducted online or digital mode using online/virtual i.e. skype, video conferencing any other meeting apps platform. The record of the evaluation to be maintained by concerned Internal Examiner. Awards/Marks of the External Viva-voce Examination to be uploaded on the University Examination portal by the Internal Examiner after confirmation of the awards/marks through email. The record of the email confirmation to be maintained by concerned Internal Examiner.

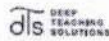
  
Academic Coordinator (EE)

  
HOD (EE)

CC:

1. Director Main Campus for information please
2. All Concerned Faculty/ Instructor/TA
3. SA, convey to all concerned students through email/whatsApp group
4. Department academic file
5. Notice board





Jan 18, 2022

**ABHISHEK YADAV**

has successfully completed

**Learning How to Learn: Powerful mental tools to help you master tough subjects (4 week course)**

an online non-credit course authorized by Deep Teaching Solutions and offered through Coursera

*Barbara A. Calley*

*Thomas S. Spencer*

Barbara A. Calley  
Tom Spencer

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/540Q5E2GVUY](https://coursera.org/verify/540Q5E2GVUY)  
Coursera has confirmed the identity of this individual and their participation in the course

Head  
Department of Electrical Engineering  
I.K. Gujral Punjab Technical University  
Kapurthala-144006



Apr 12, 2021

**ADARSH RAJ**

has successfully completed

**AI For Everyone**

an online non-credit course authorized by DeepLearning.AI and offered through Coursera



COURSE  
CERTIFICATE



Andrew Ng  
Founder, DeepLearning.AI  
Co-founder, Coursera

Verify at [coursera.org/verify/2EF4NLFET9CG](https://coursera.org/verify/2EF4NLFET9CG)

Coursera has confirmed the identity of this individual and their participation in the course.

  
Head  
Department of Electrical Engineering  
I.K. Gujral Punjab Technical University  
Kapurthala-144006  




Certificate No: 3987

Date of Issue: 04-October-2021



# CERTIFICATE OF COMPLETION

THIS IS TO CERTIFY THAT

**Ahsas Kumar**

has successfully completed the course

**AUTOCAD ELECTRICAL**

Conducted at  
**Innovative Techno Institute**  
Jalandhar, Punjab

From: 02nd August 2021 to 30th September 2021

and in recognition thereof is awarded this certificate



GRADE: A+

*Ashwini Sharma*

Chartered Engineer  
Membership No. AM186926-7

  
**INNOVATIVE  
TECHNO INSTITUTE**  
www.innovativetechinstitute.com  
An ISO 9001:2015 Certified Company  
License No. 933ALC-41AFN 1184

Grade: A+ : 90-100%    A : 80-90%    B : 70-69%    C : 50-59%    D : <50%

  
Head  
Department of Electrical Engineering  
I.K. Gujral Punjab Technical University  
Kaourthala-144006  




08/05/2020

**Aishwary Raj**

has successfully completed

**Programming for Everybody (Getting Started with Python)**

an online non-credit course authorized by University of Michigan and offered through Coursera

Charles Severance  
Clinical Professor, School of Information  
University of Michigan

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/88ZGFu4382TT](https://coursera.org/verify/88ZGFu4382TT)  
Coursera has confirmed the identity of this individual and  
their participation in the course.

✓  
Head  
Department of Electrical Engineering  
I.K. Gujral Punjab Technical University  
Kapurthala-144006  
CO





# CERTIFICATE OF COMPLETION

Presented to

**Anurag Chaudhary**

For successfully completing a free online course



**Introduction to Digital Marketing**

**from 15 June to 15 July, 2021**

Provided by

**Great Learning Academy**

(On January 2022)

  
Head  
Department of Electrical Engineering  
I.K. Gujral Punjab Technical University  
Kapurthala-144006  




The State University  
of New York

## COURSE CERTIFICATE

**Ashish Choudhary**

has successfully completed

### Electric Power Systems

an online non-credit course authorized by University at Buffalo, The State University of  
New York and offered through Coursera



Ryan Gruber, Professor  
Engineering Technology  
Buffalo State College

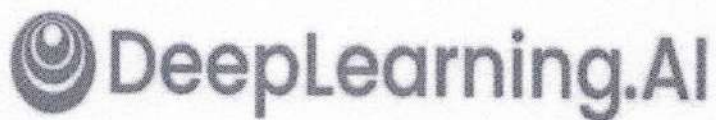
**20 July to 20 August 2021**

Verify at [coursera.org/verify/9AQNYHSDEKA3](https://coursera.org/verify/9AQNYHSDEKA3)

Coursera has confirmed the identity of this individual and their  
participation in the course.

✓  
Head  
Department of Electrical Engineering  
I.K. Gujral Punjab Technical University  
Kapurthala-144006





Apr 14, 2021

**Avinash Kumar**

has successfully completed

**AI For Everyone**

an online non-credit course authorized by DeepLearning.AI and offered through Coursera

COURSE  
CERTIFICATE



Andrew Ng  
Founder, DeepLearning.AI  
Co-founder, Coursera

Verify at [coursera.org/verify/MBWUS24ZHWP](https://coursera.org/verify/MBWUS24ZHWP)

Coursera has confirmed the identity of this individual and their participation in the course.

✓  
Head  
Department of Electrical Engineering  
Gujrat Punjab Technical University  
arhota-144006



# CERTIFICATE OF COMPLETION

Presented to

**Ayush Gupta**

For successfully completing a free online course  
**Python for Machine Learning**

in 4 weeks

Provided by

**Great Learning Academy**

(On July 2021)

To verify this certificate visit [verify.mygreatlearning.com/WETNVKOA](https://verify.mygreatlearning.com/WETNVKOA)

A handwritten signature in blue ink, appearing to be a stylized 'V' or 'G'.

Head  
Department of Electrical Engineering  
I.K. Gujral Punjab Technical University  
Kaourthaia-144606

A handwritten signature in blue ink, appearing to be a stylized 'Q' or 'G'.





COURSE  
CERTIFICATE

Jul 23, 2021 to Aug 23, 2021

**Diwakar Kumar**

has successfully completed

**AI For Everyone**

an online non-credit course authorized by DeepLearning.AI and offered through Coursera



Andrew Ng  
Founder, DeepLearning.AI  
On-Staff, Coursera

Verify at [coursera.org/verify/T98C8RP7G7H](https://coursera.org/verify/T98C8RP7G7H)

Coursera has confirmed the identity of this individual and their participation in the course.

Head  
Department of Electrical Engineering  
I.K. Gujral Punjab Technical University  
Kaourthala-144006

UC SANTA CRUZ

Jul 16, 2021

Gurbax Singh

has successfully completed

C++ For C Programmers, Part A

an online non-credit course authorized by University of California, Santa Cruz and offered through Coursera

COURSE  
CERTIFICATE



*Ira Pohl*

Professor Ira Pohl, PhD  
Baskin School of Engineering  
University of California, Santa Cruz

Verify at:  
<https://coursera.org/verify/4Q3TWV2JCMU5>  
Coursera has confirmed the identity of this individual and their participation in the course.

✓  
Head  
Department of Electrical Engineering  
I.K. Gujral Punjab Technical University  
Kapurthala-144006



VANDERBILT  UNIVERSITY

Jan 18, 2022

**Harsh Kumar Singh**

has successfully completed

**Introduction to Programming with MATLAB**

an online non-credit course authorized by Vanderbilt University and offered through Coursera

COURSE  
CERTIFICATE



*Alan Ledeczi*

Alan Ledeczi, Ph.D.  
Professor  
Computer Engineering, Computer Science, and  
Electrical Engineering

*J. Michael Fitzpatrick*

J. Michael Fitzpatrick, Ph.D.  
Professor Emeritus  
Computer Science, Computer Engineering, Electrical Engineering, Neurosurgery and Radiology

Verify at [coursera.org/verify/KWYUT254A29Y](https://coursera.org/verify/KWYUT254A29Y)

Coursera has confirmed the identity of this individual and their participation in the course.

  
Head  
Department of Electrical Engineering  
I.K. Gujral Punjab Technical University  
Kapurthala-144006

UC SANTA CRUZ

01 June 2021-06 July 2021

**INDRASEN YADAV**

has successfully completed

**C++ For C Programmers**

an online non-credit course authorized by University of California, Santa Cruz and offered through Coursera

*Sra Pohl*

Professor Ira Pohl, PhD  
Rackin School of Engineering  
University of California, Santa Cruz

COURSE  
CERTIFICATE



Coursera has confirmed the identity of this individual and their participation in the course.

✓  
Head  
Department of Electrical Engineering  
I.K. Gujral Punjab Technical University,  
Kapurthala-144006  
②



# CERTIFICATE OF COMPLETION



EDUCBA

THIS IS TO CERTIFY THAT

*Parth Saini*

HAS SUCCESSFULLY COMPLETED THE COURSE  
UPGRADING TO JAVA 8 TUTORIALS

Dated: July 17, 2021

ID: 8TNEP6CV6

URL: <https://www.educba.com/certificate/?c=8TNEP6CV6>



Course Director



Head of Training



Course Mentor

[www.educba.com](http://www.educba.com)



Head  
Department of Electrical Engineering  
I.K. Gujral Punjab Technical University  
Kapurthala-144006



COURSE  
CERTIFICATE

**Rajneesh Kumari**

has successfully completed

**AI For Everyone**

an online non-credit course authorized by DeepLearning.AI and offered through Coursera



Andrew Ng  
Founder, DeepLearning.AI  
Co-founder, Coursera

**20 July to 20 August 2021**

Verify at [coursera.org/verify/E332M2PPG600](https://coursera.org/verify/E332M2PPG600)

Coursera has confirmed the identity of this individual and their participation in the course.

✓  
Head  
Department of Electrical Engineering  
I.K. Gujral Punjab Technical University  
Kapurthala-144006



VANDERBILT UNIVERSITY

COURSE  
CERTIFICATE

Jan 18, 2022

**Rajnish Kumar**

has successfully completed

**Introduction to Programming with MATLAB**

an online non-credit course authorized by Vanderbilt University and offered through  
Coursera



*Alex Ledeczi*

Alex Ledeczi, Ph.D.  
Professor  
Computer Engineering, Computer Science, and  
Electrical Engineering

*J. Michael Fitzpatrick*

J. Michael Fitzpatrick, PhD  
Professor Emeritus  
Computer Science, Computer Engineering, Electrical Engineering, Neurosurgery, and Radiology

Verify at:  
<https://coursera.org/verify/UXRMFX7VUPNT>

Coursera has confirmed the identity of this individual and their  
participation in the course.

✓  
Head  
Department of Electrical Engineering  
J.K. Gujral Punjab Technical University  
Kapurthala-144006

# CERTIFICATE OF COMPLETION



EDUCBA

THIS IS TO CERTIFY THAT

*Ranvir Singh*

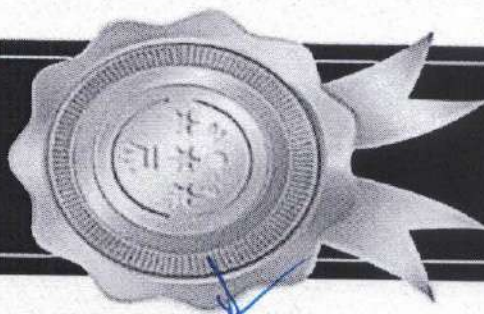
HAS SUCCESSFULLY COMPLETED THE COURSE

PROJECT - BUILD RESPONSIVE WEBSITE USING HTML5, CSS3, JS AND BOOTSTRAP

Dated: July 18, 2021

ID: SOBFSZ59B

URL: <https://www.educba.com/certificate/?c=S0BFSZ59B>



Head  
Department of Electrical Engineering  
I.K. Gujral Punjab Technical University  
Kaourthala-144006

CERTIFICATE OF COMPLETION

*[Signature]*  
Course Director

*[Signature]*  
Head of Training

*[Signature]*  
Course Mentor

[www.educba.com](http://www.educba.com)



VANDERBILT  UNIVERSITY

COURSE  
CERTIFICATE

Jun 6, 2021

**Raushan Kumar**

has successfully completed

**Introduction to Programming with MATLAB**

an online non-credit course authorized by Vanderbilt University and offered through  
Coursera



*Alex Federal*



Alex Federal, Ph.D.  
Professor  
Computer Engineering, Computer Science, and  
Electrical Engineering

*J. Michael Fitzpatrick*

J. Michael Fitzpatrick, PhD  
Professor Emeritus  
Computer Science, Computer Engineering, Electrical Engineering, Neurosurgery, and Radiology

Verify at:  
<https://coursera.org/verify/Q8Y3SX7HXG62>

Coursera has confirmed the identity of this individual and their  
participation in the course.

  
Head  
Department of Electrical Engineering  
I.K. Gujral Punjab Technical University  
Kaourthala-144006  


**Duke**  
UNIVERSITY

Jan 20, 2022

**Ritik Singhania**

has successfully completed

**Electric Industry Operations and Markets**

an online non-credit course authorized by Duke University and offered through Coursera



Lincoln Pratson  
Gendell Professor of Energy & Environment  
Nicholas School of the Environment

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/NA6FNKAC3CFH>  
Coursera has confirmed the identity of this individual and their participation in the course.

Head  
Department of Electrical Engineering  
I.K. Gujral Punjab Technical University  
Kapurthala-144006



# Yale

13-Jul-2021

**Sanjay Kumar**

has successfully completed

**Financial Markets**

an online non-credit course authorized by Yale University and offered through Coursera

**COURSE  
CERTIFICATE**



*Robert J. Shiller*

Robert J. Shiller  
Sterling Professor of Economics  
Yale University

Verify at [coursera.org/verify/GWPTGDARLMVM](https://coursera.org/verify/GWPTGDARLMVM)  
Coursera has confirmed the identity of this individual and their participation in the course.

↓  
Head  
Department of Electrical Engineering  
I.K. Gujral Punjab Technical University  
Kapurthala-144006

Scanned with CamScanner



## CERTIFICATE OF COMPLETION

Presented to

**Sachin Kumar**


For successfully completing a free online course  
**Introduction to Digital Marketing**

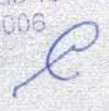
Provided by

**Great Learning Academy**

(On July 2021)

To verify this certificate visit [www.greatlearning.in/P2K2OLQW](https://www.greatlearning.in/P2K2OLQW)

  
Head  
Department of Electrical Engineering  
I.K. Gujral Punjab Technical University  
Kapurthala-144006







# CERTIFICATE of INTERNSHIP

This is to certify that

**Mr. SACHIN KUMAR**

has Successfully Completed "30 Days Internship Program on Matlab"  
at [www.pantechsolutions.net](http://www.pantechsolutions.net) in association with IETE Mumbai

Date : Sep 01-2021 to Sep 30-2021

M. Malaiyappan  
Director  
Pantech Solutions

Parag Wafinjar  
CHAIRMAN  
IETE MUMBAI

Head  
Department of Electrical Engineering  
I.K. Gujral Punjab Technical University  
Kaourthala-144006

Certificate No : PS-IETE-INTERNSHIP-0218





**Vaibhav Kumar**

has successfully completed

**Electric Power Systems**

an online non-credit course authorized by University at Buffalo and The State University of New York and offered through Coursera

Ilya Grinberg, Professor  
Engineering Technology  
Buffalo State College

**COURSE  
CERTIFICATE**



**From 10 July to 10 August 2021**

Verify at [coursera.org/verify/5ZGYFVGT3R5](https://coursera.org/verify/5ZGYFVGT3R5)  
Coursera has confirmed the identity of this individual and  
their participation in the course.

Head

Department of Electrical Engineering  
I.K. Gujral Punjab Technical University  
Kaourthala-144006



CERTIFICATE NO : DL-AI-MASTERS3-0067

**PANTECH SOLUTIONS**  
Technology Beyond the Dreams

## CERTIFICATE OF PARTICIPATION

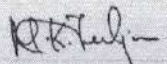
NAME : Akash Kumar

COLLEGE : IKGPTU MAIN CAMPUS KAPURTHALA

has Successfully Completed  
**DEEP LEARNING.AI**

at Pantech Prolabs India Pvt Ltd

From : 30-AUG,2021 to : 29-SEP,2021



M.K. JEEVARAJAN

DIRECTOR

PANTECHSOLUTIONS

[www.pantechsolutions.net](http://www.pantechsolutions.net)

Head  
Department of Electrical Engineering  
I.K. Gujral Punjab Technical University,  
Kapurthala-144006



2 July to 31 July 2021

**Akash Singh**

has successfully completed

**AI For Everyone**

an online non-credit course authorized by DeepLearning.AI and offered through Coursera

A handwritten signature in black ink, appearing to read "Andrew Ng".

Andrew Ng  
Founder, DeepLearning.AI  
Co-founder, Coursera

COURSE  
CERTIFICATE



Verify at [coursera.org/verify/KX6DSRYWLMW](https://coursera.org/verify/KX6DSRYWLMW)  
Coursera has confirmed the identity of this individual and their  
participation in the course.

↓  
Head  
Department of Electrical Engineering  
I.K. Gujral Punjab Technical University  
Kapurthala-144006





1 July to 31 July 2021

**Rabjot Singh**

has successfully completed

**AI For Everyone**

an online non-credit course authorized by DeepLearning.AI and offered through Coursera

Andrew Ng  
Founder, DeepLearning.AI  
Co-founder, Coursera

COURSE  
CERTIFICATE



Verify at [coursera.org/verify/KX6DSRYWLEW](https://coursera.org/verify/KX6DSRYWLEW)  
Coursera has confirmed the identity of this individual and their  
participation in the course.

  
Head  
Department of Electrical Engineer  
I.K. Gujral Punjab Technical University  
Kaourthala-144006



COMMITTED TO EXCELLENCE IN QUALITY

## KALSI METAL WORKS PRIVATE LIMITED

Kapurthala Road Jalandhar - 144021  
Phone 0181-2651701-04. Fax 0181-2651705  
E-mail kalsi@kalsigroup.com, kalsi@kalsipumps.in  
Website wum kalsigroup

KMWPL/2020-21/2105

Dated: 17th July, 2021

### TO WHOM IT MY CONCERN

This is to certify that Mr. Aman Kumar S/o Sh. Kamleshwari Mahto ,  
Roll No.2022782 student of B-tech in Electrical Engineering 5th Semester), of I.K Gujral  
Punjab Technical University, Kapurthala has undergone his industrial training with our  
organization from 14/06/2021 to 13/07/2021.

During his training period with us, we found him hardworking, sincere and punctual. We  
wish him every success in future.

For KALSI METAL WORKS PRIVATE LIMITED,

Director

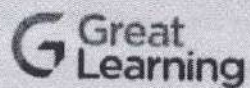
Aman Kumar .

ISO 9001:2015 CERTIFIED COMPANY

PAN - AACCK4874B | GSTIN - 03AACCK4874B1ZW | CIN - U29219PB2004PTC027791  
Manufacturers of ISI Marked Electric Motors, Monoblock Pumps, Submersible  
Pumpsets, Centrifugal Pumps and Tubewell Fittings (Winners of National Award for  
Quality Products - Electric Motors 1988, Centrifugal Pumps 1994 & 2002 and  
Submersible Pumps in 2010)

Head  
Department of Electrical Engineering  
I.K. Gujral Punjab Technical University  
Kapurthala-141006





# CERTIFICATE OF COMPLETION

Presented to

Ashish Tripathi

For successfully completing a free online course

Intro to Graphic Design with Photoshop

15 June to 15 July 2021

Provided by

Great Learning Academy

(On June 2021)

To verify this certificate visit [verify.mygreatlearning.com/DFGLXVND](https://verify.mygreatlearning.com/DFGLXVND)

A handwritten signature in blue ink, appearing to be 'V', is written over the printed name.

Head  
Department of Electrical Engineering  
I.K. Gujral Punjab Technical University  
Kapurthala-144006



COURSE  
CERTIFICATE

**Davindervir Singh Mann**

has successfully completed

**AI For Everyone**

an online non-credit course authorized by DeepLearning.AI and offered through Coursera.



Andrew Ng  
Founder, DeepLearning.AI  
Co-founder, Coursera

**11 Aug to 14 Sep 2021**

Verify at [coursera.org/verify/LSJ2M2PP9XDD](https://coursera.org/verify/LSJ2M2PP9XDD)  
Coursera has confirmed the identity of this individual and their participation in the course.

Head  
Department of Electrical Engineering  
I.K. Gujral Punjab Technical University  
Kapurthala-144006



**KALSI**

COMMITTED TO EXCELLENCE IN QUALITY

## **KALSI METAL WORKS PRIVATE LIMITED**

Kapurthala Road Jalandhar - 144021

Phone 0181-2651701-04. Fax 0181-2651705

E-mail kalsi@kalsigroup.com, kalsi@kalsipumps.in

Website wum kalsigroup

KMWPL/2020-21/2106

Dated: 17th July, 2021

### **TO WHOM IT MY CONCERN**

This is to certify that Mr. Kishan Kumar Mehta S/o Sh. Prem chand Mehta , Roll No.2022786 student of B-tech in Electrical Engineering 5th Semester), of I.K Gujral Punjab Technical University, Kapurthala has undergone his industrial training with our organization from 14/06/2021 to 13/07/2021.

During his training period with us, we found him hardworking, sincere and punctual. We wish him every success in future.

For KALSI METAL WORKS PRIVATE LIMITED,

  
**Director**

*Kishan*

ISO 9001:2015 CERTIFIED COMPANY

PAN - AACCK4874B | GSTIN - 03AACCK4874B1ZW | CIN - U29219PB2004PTC027791  
Manufacturers of ISI Marked Electric Motors, Monoblock Pumps, Submersible Pumpsets, Centrifugal Pumps and Tubewell Fittings (Winners of National Award for Quality Products - Electric Motors 1988, Centrifugal Pumps 1994 & 2002 and Submersible Pumps in 2010)

  
Head  
Department of Electrical Engineering  
I.K. Gujral Punjab Technical University  
Kapurthala-144006

# CERTIFICATE OF COMPLETION



EDUCBA

THIS IS TO CERTIFY THAT

*Purujit Chaturvedi*

HAS SUCCESSFULLY COMPLETED THE COURSE  
R STUDIO UI AND R SCRIPT BASICS

From: Jun 15, 2021 - Jul 15, 2021

ID: 50CDU46LO



URL: <https://www.educba.com/certificate/?c=50CDU46LO>

Course Director

Head of Training

Course Mentor

[www.educba.com](http://www.educba.com)

  
Head  
Department of Electrical Engineering  
I.K. Gujral Punjab Technical University  
Kapurthala-144006  






केन्द्रीय हस्त औज़ार संस्थान, जालन्धर  
CENTRAL INSTITUTE OF HAND TOOLS, JALANDHAR

भारत सरकार की सोसायटी  
सूक्ष्म, लघु एवं मध्यम उद्यम मंत्रालय  
Government of India Society  
Ministry of Micro, Small & Medium Enterprises



ISO 9001:2008  
ISO 14001:2004  
Certified Institute

C E R T I F I C A T E

40127  
Sr. No.....

Dated..... 05/09/2021

Awarded to SONU KUMAR S/O Shri KAILASH KUMAR

R/O MISRAULIYA, EAST CHAMPARAN

For having attended the Industrial Training in

PLC Programming

From 20/06/2021 to 20/07/2021 at CIHT, Jalandhar.



COURSE CONTENTS

Basic Electronics, introduction to PLC, PLC Architecture, Programming Function & its applications  
Programming through Ladder Diagram, developing program and its applications, AC drives etc.

Duration: 4 weeks

Course Co-Ordinator

Training Incharge

Principal Director

G.T. Road Bye Pass, Opp. S. Bhagat Singh Colony, Jalandhar-144008

E-mail: institute\_ild@dataone.in Website: www.ciht.in

Head

Department of Electrical Engineering  
I.K. Gujral Punjab Technical University  
Kaourthala-144006





<b>BTEE-521-18</b>	<b>Summer Industry Internship/ Field Training</b>	<b>(Non-Credit)</b>
--------------------	---	---------------------

Six weeks in an Industry in the area of Electrical Engineering during summer vacations after 4<sup>th</sup> semester. The summer internship should give exposure to the practical aspects of the discipline. In addition, the student may also work on a specified task or project which may be assigned to him/her. The outcome of the internship should be presented in the form of a report. The student will make a presentation based upon the Industry Internship attended. Performance to be rated as Satisfactory/Un -Satisfactory (S/US). For unsatisfactory the internship to be repeated.

Evaluation scheme (Summer Industry Internship/ Field Training)

<i>Internal (to be evaluated by Industry)</i>	<i>Marks</i>	<i>External* (to be evaluated by Department)</i>	<i>Marks</i>
Attendance	15	Daily Dairy	5
Performance (Work done /simulation/hardware/project developed)	30	Report	10
Report	10	Presentation (Work done /simulation/hardware/project developed)	25
Daily Dairy	05		
<b>Total</b>	<b>60</b>	<b>Total</b>	<b>40</b>

\*External examiner not to be called.

**Range of credits for Honors Degree** -Minimum credits as per scheme are required by a student to be eligible to get Under Graduate degree in Electrical Engineering. A student will be eligible to get Under Graduate degree with Honours, if he/she completes an additional 20 credits. These could be acquired through MOOCs and registering in the department.

**Range of Credits and Courses for Major Degree in B. Tech. (Electrical Engineering) and Minor Degree in B.Tech. (Electrical and Computer Engineering)**

- A student admitted in B. Tech (EE) may opt for Major Degree in B. Tech. (Electrical Engineering) and Minor Degree in B.Tech. (Electrical and Computer Engineering) with effect from 3rd semester onwards..
- The student must clear his/her previous two semesters (1<sup>st</sup> and 2<sup>nd</sup> Semester).
- The student/candidate will require to clear at least five theory subjects for Minor Degree in B.Tech.
- The minimum credits for Minor Degree in B. Tech. will be 20 in which the student will have to clear minimum two (2) Core Courses and three (3) Professional Elective (PE) Courses / Core Courses).
- A student is permitted to take maximum 8 credits (theory + lab) per semester pertaining to their Minor Degree in B.Tech.

**Virtual Laboratories:** Students may take at least one virtual laboratory any time before the commencement of the 8<sup>th</sup> Semester.

**Open Elective:** A student may take Courses from the list of Open Electives offered by other Departments or MOOCs Courses of SWAYAM/MOOCs courses approved by the Board of Studies.




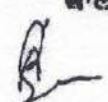
**TRAINING CERTIFICATE**  
**TO WHOM IT MAY CONCERN**

Ref. no IKGPTU/E/E/268

Date 19-07-22

This is certified that Adarsh Kumar S/O DALIP KUMAR  
Roll No. 2022633 Student of Electrical  
Engineering Semester - IV has  
Completed his Six week Training( 01 August 2022  
to 11 September 2022 ) of Electrical Engineering  
at 66KV SUB STATION, Kup Kalan  
Successfully.

His behavior is very good during his Training.  
He is Dedicated sincere towards his work.

  
ਮੇਜ਼, ਮੇਜ਼, ਈ.  
46 ਥੇ. ਈ. ਮ/ਮਟੇਸ਼ਨ  
ਮਾਡਰਨਾਟਲ  
 19-07-22

Head  
Department of Electrical Engineering  
I.K. Gujral Punjab Technical University  
Kapurthala-146006





केन्द्रीय हस्त औज़ार संस्थान, जालन्धर  
CENTRAL INSTITUTE OF HAND TOOLS, JALANDHAR

भारत सरकार की सोसायटी  
सूक्ष्म, लघु एवं मध्यम उद्यम मंत्रालय  
Government of India Society  
Ministry of Micro, Small & Medium Enterprises



ISO 9001:2008  
ISO 14001:2004  
Certified Institute

C E R T I F I C A T E

Dated... 28/08/2022

46223

Sr. No.....

Awarded to Kartik

S/D/O Shri

Sanjeev kumar

R/O H.no.B-1/447,Gandhi nagar.

For having attended the short term course in

PLC Programming

From 05/07/2022

to 18/08/2022

at CIHT, Jalandhar.



CENTRAL INSTITUTE OF HAND TOOLS  
Government of India Society  
Ministry of Micro, Small & Medium Enterprises  
Jalandhar-144008 (Punjab)

COURSE CONTENTS

PLC PROGRAMMING USING SOFTWARE AND HARDWARE, LOGIC GATES,  
SWITCHING, WIRING OF PLC, BASIC ELECTRONICS,  
BROAD KNOWLEDGE OF PLC PROGRAMMING

DURATION: 96 HRS

Course Co-Ordinator

Training Incharge

Principal Director

G.T. Road Byc Pass, Opp. S. Bhagat Singh Colony, Jalandhar-144008

E-mail: institute\_jld@dataone.in Website: [www.ciht.in](http://www.ciht.in)

Head  
Department of Electrical Engineering  
I.K. Gujral Punjab Technical University  
Kapurthala-144006



# SEL Manufacturing Company Limited (Spinning & Power Division)

Regd. Office : 274, Dhandari Khurd, G.T. Road, Ludhiana-141 014, Punjab (India)  
Tel. : +91-161-6611111 Fax : +91-161-6611112, Website : www.selindia.in  
Plant : Village Sekhan Majara, P.O. Rahon, Rahon-Machhiwara Road,  
Distt. S.B.S. Nagar, Punjab (India)-144517 CIN : L51909PB2000PLC023679



Date:-02/09/2022

## Training Certificate

It is certified that Mr. Amanpreet Singh Sidhu S/O Mr. Harjinder Singh Sidhu (Roll No:2022634) B.Tech in Electrical Engineering at I.K.Gujral Punjab Technical University, Kapurthala has undergone the Industrial Training of 6 weeks. From 18/07/2022 to 30/08/2022 vide Sel Manufacturing Co. Ltd. Dist. Ludhiana, Punjab. He has completed his training successfully at our sub unit of Sel Manufacturing Unit, Rahon, Dist. S.B.S Nagar. He has performed the training at Power distribution and Power Generation unit of our company. His behavior throughout the training period was good.

**For Sel Manufacturing Co Ltd.**

A handwritten signature in black ink, appearing to be 'Gurpreet Singh', written over a horizontal line.

**Authorized Signatory**

Head  
Department of Electrical Engineering  
I.K. Gujral Punjab Technical University,  
Kapurthala-144006

A handwritten signature in blue ink, appearing to be 'P', written over a horizontal line.

Proud Past Promising Future



**TATA TECHNOLOGIES**



## *Certificate of Participation*

THIS IS TO CERTIFY THAT

**CHANDAN SINGH**

HAS SUCCESSFULLY COMPLETED ONE MONTH INDUSTRIAL TRAINING IN

**BASICS OF**

**INDUSTRIAL ROBOTICS**

**PRODUCT DESIGN AND DEVELOPMENT**

**MECHATRONICS AND IOT**

**ADVANCED MANUFACTURING**

CONDUCTED AT CIIT IKGPTU-KAPURTHALA DURING 18-JUL-2022 TO 12-AUG-2022

*PV Kaulgud*

**Pushkaraj Kaulgud**  
Global Director - EESS  
Tata Technologies

**TTL-21-22-00175**  
Serial Number

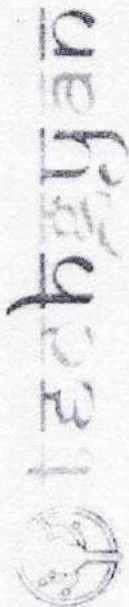
**16-08-2022**  
Date

**TATA TECHNOLOGIES**

↓  
Head  
Department of Electrical Engineering  
I.K. Gujral Punjab Technical University  
Kaourthala-144006

*[Signature]*





Abhyuday  
IIT Bombay



THIS CERTIFICATE IS AWARDED TO

**Aryan Raj**

in acknowledgement of participation in the

### **Web Development With HTML & CSS**

Summer Training successfully completed with Techgyan Technologies

in association with Abhyuday, IIT Bombay in the month of June & July 2022.

Head  
Department of Electrical Engineering  
I.K. Gujral Punjab Technical University  
Kapurthala-144006

Certificate Number

**TG-ST-4905**







**HIMACHAL PRADESH STATE ELECTRICITY BOARD LIMITED**  
(A State Government Undertaking)

**TO WHOM IT MAY CONCERN**

*It is certified that Mr. Abhimanyu Thakur student of B-Tech./ Diploma/ITL/ Collage/ Group of Institutions Government Electrical Engineering of I.K. Gujral Punjab Technical University Kapurthala Punjab under Roll No. 2022631 has undergone industrial training w.e.f. 19.07.2022 to 30.08.2022 at 33/11KV sub-station Khudla under Electrical Sub -Division HPSEBL, Baldwara, Distt. Mandi (H.P.).*

*During the training he was found sincere, punctual & of learning attitude. I wish him good luck in the future.*

**Er. Rajeesh Shukla**  
**Assistant Engineer (E),**  
**Electrical Sub-Division,**  
**HPSEBL, Baldwara**

Head   
Department of Electrical Engineering  
I.K. Gujral Punjab Technical University  
Kapurthala-144006



## CERTIFICATE



राजस्थान इलेक्ट्रॉनिक्स एण्ड इन्स्ट्रुमेंट्स लिमिटेड  
Rajasthan Electronics & Instruments Limited  
(भारत सरकार का उद्यम - A Government of India Enterprise)  
(An ISO 9001 & ISO 14001 - "Mini Retna" Central Public Sector Enterprise)



रील/का.एवं.अ.सं./सी.प्र./2022-23/  
REIL/P&A/IR/S.T./2022-23/

दिनांक: 29.08.2022  
Date: 29.08.2022

### प्रमाण - पत्र

#### TO WHOM IT MAY CONCERN

प्रमाणित किया जाता है कि, श्री रंजन कुमार, बी टेक द्वितीय वर्ष, (इलेक्ट्रिकल अभियांत्रिकी), आई.के. गुजराल पंजाब तकनीकी विश्वविद्यालय, कपूरथला ने दिनांक 19.07.2022 to 29.08.2022 तक वीष्मकालीन / औद्योगिक प्रशिक्षण प्राप्त किया है।

Certified that Mr. Ranjan Kumar, Student of B. Tech IIInd Year, (Electrical Engineering) from the, I.K. Gujral Punjab Technical University, Kapurthala has undergone Summer / Vocational Training from 19.07.2022 to 29.08.2022.

इस प्रशिक्षण अवधि के दौरान इनका कार्य और आचरण बहुत अच्छा पाया गया है। इन्होंने कम्पनी के विभिन्न तकनीकी कार्यों में गहरी रुचि ली है।

During this period his / her work & conduct has been found very good. He/She has taken keen interest in the various Technical Functions of the Company.

कृते: राजस्थान इलेक्ट्रॉनिक्स एण्ड इन्स्ट्रुमेंट्स लिमिटेड  
FOR: RAJASTHAN ELECTRONICS & INSTRUMENTS LTD.

अतिरिक्त महाप्रबंधक (कार्मिक एवं औद्योगिक प्रशिक्षण)  
ADDL. GENERAL MANAGER (Personnel & Training)



श्री रंजन कुमार / Mr. Ranjan Kumar

Head  
Department of Electrical Engineering  
I.K. Gujral Punjab Technical University  
Kapurthala-144006

Registered Office : 2, Kanakpura Industrial Area, Sirsi Road, JAIPUR-302 034 (Raj.) INDIA  
Tel. : +91-141-2470363, 2470784 (Electronics), 2470908 (RE), 2471083 (MM)  
E-Mail : reiljp@reiljp.com • Website : www.reiljp.com





**TATA TECHNOLOGIES**



# *Certificate of Participation*

THIS IS TO CERTIFY THAT

**BRITENDER SINGH**

**HAS SUCCESSFULLY COMPLETED ONE MONTH INDUSTRIAL TRAINING IN**

**BASICS OF**

**INDUSTRIAL ROBOTICS**

**PRODUCT DESIGN AND DEVELOPMENT**

**MECHATRONICS AND IOT**

**ADVANCED MANUFACTURING**

CONDUCTED AT CIIT IKGPTU-KAPURTHALA DURING 18-JUL-2022 TO 12-AUG-2022

Head  
Department of Electrical Engineering  
I.K. Gujral Punjab Technical University,  
Kapurthala-144006

**Pushkaraj Kaulgud**  
Global Director - EESS  
Tata Technologies

TTL-21-22-00174

Serial Number

16-08-2022

Date

**TATA TECHNOLOGIES**



# PUNJAB STATE POWER CORPORATION LIMITED

SUB-DIVISION, HARIANA

Memo No. 111/22

Date: 21/10/22

## Certificate

This is to certify that Mr. Jaskaran Singh S/o Satpal Singh student of B.Tech Electrical Engineering from I.K. Gujral Punjab Technical Univeristy (Main Campus), Kapurthala. He was imparted six weeks of Industrial Training from 22.07.2022 to 02.09.2022 PSPCL Haryana, District Hoshiarpur.

Mr. Jaskaran Singh took interest in his training and acquired maximum practical knowledge in the field. During the training period he proved himself to be very sincere, faithful and honest.

43

Handwritten signature and stamp of the Head of Department.

Handwritten signature and stamp of the Head of Department.  
ਪ੍ਰੋ. ਡਾ. ਹਰਿਮਤ ਸਿੰਘ  
ਉਪ ਮੰਡਲ ਹਾਇਡਰਾ  
ਸਤਨਾਮ ਸਿੰਘ ਟੇ.ਟੀ.  
ਕੋਡ: 110461

Head  
Department of Electrical Engineering  
I.K. Gujral Punjab Technical University  
Kapurthala-144006

# Certificate of Completion

We hereby proudly Congratulate this Certificate of completion to

**Krishnakant**

We appreciate the effort put in by **Krishnakant** and wish him/her all the best for their future endeavours.

1 month Name: **ADVANCED PYTHON**

Month: **SEPTEMBER 2022**

**LUDIFU**

Certificate ID 4-5-13-15- 16- 25- 8710  
LUDIFU has confirmed the identity of this  
Verify by emailing: [contact@ludifu.com](mailto:contact@ludifu.com)

Individual and their Completion in the Course



Puneet Rawat  
Founder & CEO, LUDIFU

Let Us Do It For U

Head  
Department of Electrical Engineering  
I.K. Gujral Punjab Technical University  
Kapurthala-144006



**TATA TECHNOLOGIES**



# *Certificate of Participation*

THIS IS TO CERTIFY THAT

**MANISH SAHANI**

HAS SUCCESSFULLY COMPLETED ONE MONTH INDUSTRIAL TRAINING IN

**BASICS OF**

**INDUSTRIAL ROBOTICS**

**PRODUCT DESIGN AND DEVELOPMENT**

**MECHATRONICS AND IOT**

**ADVANCED MANUFACTURING**

CONDUCTED AT CIIT IKGPTU-KAPURTHALA DURING 18-JUL-2022 TO 12-AUG-2022

Head  
Department of Electrical Engineering  
I.K. Gujral Punjab Technical University  
Kapurthala-144006

*Pushkaraj Kaulgud*

**Pushkaraj Kaulgud**  
Global Director - EESS  
Tata Technologies

TTL-21-22-00202

Serial Number

16-08-2022

Date

**TATA TECHNOLOGIES**



**TATA TECHNOLOGIES**



# *Certificate of Participation*

THIS IS TO CERTIFY THAT

**SACHIN KUMAR**

HAS SUCCESSFULLY COMPLETED ONE MONTH INDUSTRIAL TRAINING IN

**BASICS OF**

**INDUSTRIAL ROBOTICS**

**PRODUCT DESIGN AND DEVELOPMENT**

**MECHATRONICS AND IOT**

**ADVANCED MANUFACTURING**

CONDUCTED AT CIIT IKGPTU-KAPURTHALA DURING 18-JUL-2022 TO 12-AUG-2022

Head

Department of Electrical Engineering  
I.K. Gujral Punjab Technical University  
Kapurthala-144006

*S. Kaulgud*

**Pushkaraj Kaulgud**

Global Director - EESS

Tata Technologies

TTL-21-22-00225

Serial Number

16-08-2022

Date

**TATA TECHNOLOGIES**



**TATA TECHNOLOGIES**



# *Certificate of Participation*

THIS IS TO CERTIFY THAT

**DEEPAK GUPTA**

HAS SUCCESSFULLY COMPLETED ONE MONTH INDUSTRIAL TRAINING IN

**BASICS OF  
INDUSTRIAL ROBOTICS  
PRODUCT DESIGN AND DEVELOPMENT  
MECHATRONICS AND IOT  
ADVANCED MANUFACTURING**

CONDUCTED AT CIIT IKGPTU-KAPURTHALA DURING 18-JUL-2022 TO 12-AUG-2022

Head  
Department of Electrical Engineering  
JEE Group 1 Punjab Technical University  
Kapurthala-144015

  
Pushkaraj Kaulgud  
Global Director - EESS  
Tata Technologies

TTL-21-22-00179  
Serial Number

16-08-2022  
Date

**TATA TECHNOLOGIES**



**TATA TECHNOLOGIES**



# *Certificate of Participation*

THIS IS TO CERTIFY THAT

**SUNNY KUMAR**

HAS SUCCESSFULLY COMPLETED ONE MONTH INDUSTRIAL TRAINING IN

**BASICS OF**

**INDUSTRIAL ROBOTICS**

**PRODUCT DESIGN AND DEVELOPMENT**

**MECHATRONICS AND IOT**

**ADVANCED MANUFACTURING**

CONDUCTED AT CIIT IKGPTU-KAPURTHALA DURING 18-JUL-2022 TO 12-AUG-2022

Head  
Department of Electrical Engineering  
H. G. Gurukul Prakash Technical University  
Kashipur, Uttarakhand

**Pushkaraj Kaulgud**  
Global Director - EESS  
Tata Technologies

**TTL-21-22-00238**  
Serial Number

**16-08-2022**  
Date

**TATA TECHNOLOGIES**





techgyan



Abhyuday  
IIT Bombay

CERTIFICATE  
OF ACHIEVEMENT

THIS CERTIFICATE IS AWARDED TO

**Md Arif Hussain**

in acknowledgement of participation in the

**Web Development With HTML & CSS**

Summer Training successfully completed with **Techgyan Technologies**

in association with **Abhyuday, IIT Bombay** in the month of **July & August 2022**

Certificate Number

**TG-ST-4905**

Summer  
Training  
2022

Head  
Department of Electrical Engineering  
I.K. Gujral Punjab Technical University  
Kapurthala-144006



# PUNJAB STATE POWER CORPORATION LTD.

Regd. Office PSEB Headquarters the Mall Patiala Website: www.pspcl.in

Office : Mata Sulakhani Ji 66 KV Sub Station, Batala, Distt. Gurdaspur, PIN-143505

Memo No. 38 D

Dated : 07/09/2022

## CERTIFICATE

This is to certify that Mr. Sarbodhan Singh S/o S. Harchand Singh student of B.Tech Electrical Engineering from I.K. Gujral Punjab Technical University (Main Campus), Kapurthala. He was imparted six weeks Industrial Training from 18.07.2022 to 28.08.2022 at Mata Sulakhani Ji 66 KV Sub Station, Batala, Distt. Gurdaspur under SSE (PSPCL) Batala, Gurdaspur.

Mr. Sarbodhan Singh took interest in his training and acquired maximum practical knowledge in the field of Electrical Substations and protection system. During the training period he proved himself to be very sincere, faithful and honest. His behavior with all employees and training staff was very affable and cooperative. He also took active part in tree plantations activities being carried out by this office.

  
S.S.E. Grid/Mtc  
P.S.P.C.L. S/D  
Batala

  
Head  
Department of Electrical Engineering  
I.K. Gujral Punjab Technical University  
Kapurthala-144006  






# केन्द्रीय हस्त औज़ार संस्थान, जालन्धर CENTRAL INSTITUTE OF HAND TOOLS, JALANDHAR

भारत सरकार की सोसायटी  
सूक्ष्म, लघु एवं मध्यम उद्यम मंत्रालय

Government of India Society  
Ministry of Micro, Small & Medium Enterprises



ISO 9001:2008  
ISO 14001:2004  
Certified Institute

## C E R T I F I C A T E

Dated..... 28/08/2022

Sr. No..... 46228

Awarded to Sohan Lal

Mukesh kumar

R/O

Basti Guzan Jalandhar

PLC Programming

For having attended the short term course in

at **CIHT, Jalandhar.**

From

05/07/2022

to

18/08/2022



CENTRAL INSTITUTE OF HAND TOOLS  
Government of India Society  
& Medium Enterprises  
Pass,  
Jalandhar-144008 (Punjab)

PLC PROGRAMMING USING SOFTWARE AND HARDWARE, LOGIC GATES,  
SWITCHING, WIRING OF PLC, BASIC ELECTRONICS,  
BROAD KNOWLEDGE OF PLC PROGRAMMING

DURATION: 96 HRS

*[Signature]*

Principal Director

Course Co-Ordinator

Training Incharge

G.T. Road Bye Pass, Opp. S. Bhagat Singh Colony, Jalandhar-144008  
E-mail: institute\_jld@dataone.in Website: www.ciht.in

Head  
Department of Electrical Engineering  
I.K. Gujral Punjab Technical University  
Kapurthala-144006



**TATA TECHNOLOGIES**



# *Certificate of Participation*

THIS IS TO CERTIFY THAT

**SUKHBIR SINGH**

HAS SUCCESSFULLY COMPLETED ONE MONTH INDUSTRIAL TRAINING IN

**BASICS OF**

**INDUSTRIAL ROBOTICS**

**PRODUCT DESIGN AND DEVELOPMENT**

**MECHATRONICS AND IOT**

**ADVANCED MANUFACTURING**

CONDUCTED AT CIIT IKGPTU-KAPURTHALA DURING 18-JUL-2022 TO 12-AUG-2022

16-08-2022  
Date

TTL-21-22-00236  
Serial Number

**TATA TECHNOLOGIES**

  
Pushkaraj Kaulgud  
Global Director - EESS  
Tata Technologies

Head  
Department of Electrical Engineering  
I. I. Ghazi Punjab Technical University  
Kapurthala-144006



**HP State Electricity Board Limited  
(A State Govt. Undertaking)  
Industrial Training Certificate**

It is certified that Mr. Sahil Sharma S/o. Sh.Sanjeev kumar R/O. Vill. Samoh P.O. Samoh Teh. Jhandutta Distt. Bilaspur(H.P) has undergone 42 Days industrial Training w.e.f 16.07.2022 to 26.08.2022 & got the knowledge of operational & maintenance of Power DTR's, control panels, Maintenance of HT & LT Lines,DC Control, Shunt Capacitor etc. under 33/11 KV S/Stn Kandroun Under ESD Kandroun Distt. Bilaspur(H.P)

**Place: Kandroun  
Date: 26.08.2022**

  
Assistant Engineer  
Signature of training coordinator  
Electrical Sub Division  
with H.P. SEB Ltd. Kandroun

  
Head  
Department of Electrical Engineering  
I.K. Gujral Punjab Technical University  
Kaourthala-144006  
SD



# HIMACHAL PRADESH STATE ELECTRICITY BOARD LIMITED

(A State Govt. Undertaking)

•Save Energy save Money•

1. Name of the Trainee: Mr. Rajpal Singh  
2. Roll No. : 2124545  
3. Branch : Electrical Engineering  
4. Period of Training : 18/07/2022 to 27/08/2022  
5. Kindly fill in your assessment marks in the appropriate column.

S. No.	Evaluation Criteria	Total Marks	Marks Obtained
1.	Attendance & Punctuality	31	27
2.	Job responsibility & Aptitude	10	08
3.	Project study & Data collection	10	08
4.	Behaviour & Attitude	10	09
5.	Feasibility of Project implementation	10	09
6.	Project Report/Presentation	10	08
	Grand Total	81	69

6. Any deficiency/shortcoming which you might have noticed- Nil  
7. Good/strong points of the trainee: - Punctual  
8. Overall rating (tick whichever is applicable) : Very Good/Good/Poor

Place:-Hamirpur

SIGN OF JE INCHARGE

SIGN OF COMPETENT AUTHORITY

Assistant Engineer

Sub-Station Sub-Division

SEA ~~POSTAL~~ ORGANISATION

Head  
Department of Electrical Engineering  
I K Gujral Punjab Technical University  
Kapurthala-144006



**TATA TECHNOLOGIES**



# *Certificate of Participation*

THIS IS TO CERTIFY THAT

**HIMANSHU RAJ**

HAS SUCCESSFULLY COMPLETED ONE MONTH INDUSTRIAL TRAINING IN

**BASICS OF**

**INDUSTRIAL ROBOTICS**

**PRODUCT DESIGN AND DEVELOPMENT**

**MECHATRONICS AND IOT**

**ADVANCED MANUFACTURING**

CONDUCTED AT CIIT IKGPTU-KAPURTHALA DURING 18-JUL-2022 TO 12-AUG-2022

*P. Kaulgud*

**Pushkaraj Kaulgud**  
Global Director - EESS  
Tata Technologies

**TTL-21-22-00187**  
Serial Number

**16-08-2022**  
Date

**TATA TECHNOLOGIES**

Head  
Department of Electrical Engineering  
I.K. Gujral Punjab Technical University  
Kapurthala-144006

**HIMACHAL PRADESH STATE ELECTERCITY BORAD LIMITED**

(A State of Govt. Undertaking)

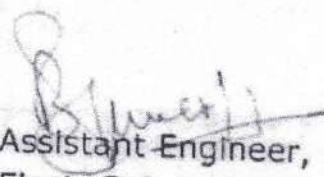
**TO WHOM IT MAY CONCERN**



It is certified that Mr. Kartik Sharma S/O Sh. Rajesh kumar Roll No. 2124541 Student of I.K Gujral Punjab Technical University Kapurthala in Electrical Engineering was under **Industrial Training for Degree** at 33/11KV Sub-station H.P.S.E.B.Ltd. Raja Ka Bagh under Elect. Sub-Division H.P.S.E.B.Ltd. Nurpur with effect from 18.07.2022 to 27.08.2022.

It was found enthusiastic and sincere in learning during the entire training period.

"This Organization wisher him success in all future endeavours".

1536  
2/9/2022

  
Assistant Engineer,  
Elect. Sub-Division,  
HPSEBL Nurpur

  
Head  
Department of Electrical Engineering  
I.K. Gujral Punjab Technical University  
Kapurthala-141006  






**PUNJAB STATE POWER  
CORPORATION LIMITED**

Ref No. 343/20-8-2022

**TRAINING CERTIFICATE**

This is certify ~~Mr.~~ Miss Narinder Kaur Roll No. 2124543 Student  
in B.Tech. Electrical Engineering If h/s  
She Has successfully completed his/her industrial training of  
5th Semester from 14-07-2022 to 20-08-2022 Relieving him/  
her after the training period. We wish a bright future ahead.

  
G.S.E. (O.M.)  
P.S.P.C.L. S/D  
B/TALA


  
Head  
Department of Electrical Engineering  
I.K. Gujral Punjab Technical University  
Kapurthala-144006  


**PUNJAB STATE POWER  
CORPORATION LIMITED**

Ref No. 363/29/8/2022

**TRAINING CERTIFICATE**

This is certify Mr./Miss Kawaljot Kaur Roll No. 2124542 Student  
in B.Tech. Electrical Engineering If her  
she Has successfully completed his/her industrial training of  
5th Semester from 14-07-2022 to 20-08-2022 Relieving him/  
her after the training period. We wish a bright future ahead.

  
**BSE (D.M.)**  
**P.S.P.C.L. S/D**  
**BATALA**

  
Head  
Department of Electrical Engineering  
I.K. Gujral Punjab Technical University  
Kapurthala-144006  






**\*Save Energy save Money\***

## **HIMACHAL PRADESH STATE ELECTRICITY BOARD LIMITED**

(A State Govt. Undertaking)

### **TO WHOM IT MAY CONCERN**


It is certified that Mr. Nikhil Sharma S/O Sh. Tara Chand Roll No.2124544 student of I.K Gujral Punjab Technical University Kapurthala in Electrical Engineering was under Industrial Training for Degree at 132/33kV Sub Station H.P.S.E.B.Ltd. Jahu under 220/132 KV Sub-Station Sub-Division, H.P.S E.B.Ltd. Mattansidh (Hamirpur) with effect from 18.07.2022 to 27.08.2022.

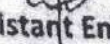
He was found enthusiastic and sincere in learning during the entire training period.

"This Organization wishes him success in all future endeavours".

— Sol —  
Assistant Engineer,  
220/132KV Sub-Station Sub-Division,  
HPSEBL, Mattansidh

Copy of above is forwarded to I.K Gujral Punjab Technical University Kapurthala, the Director/Principal for information, please.

  
Junior Engineer,  
220/132 KV Sub-Station,  
Mattansidh(Hamirpur)

  
Assistant Engineer,  
220/132 KV Sub-Station Sub-Division,  
HPSEBL Mattansidh.

  
Head  
Department of Electrical Engineering  
I.K. Gujral Punjab Technical University  
Kapurthala-144006



# Certificate of Completion

We hereby proudly Congratulate this Certificate of completion to

**Shubham Bharti**

We appreciate the effort put in by **Shubham Bharti** and wish him/her all the best for their future endeavours.

1month Name: **PYTHON**

Month: **AUGUST 2022**


Certificate ID 4-6-23-16-16-25-8710

Verify by email: [contact@ludifu.com](mailto:contact@ludifu.com)  
LUDIFU has confirmed the identity of this individual and their Completion in the Course

**LUDIFU**

Let Us Do It For U

  
**Puneet Rawat**  
Founder & CEO, LUDIFU

  
Head  
Department of Electrical Engineering  
I.K. Gujral Punjab Technical University  
Kapurthala-144006



# Certificate of Completion

is hereby granted to

Vikasdeep Singh Sidhu

to certify that he/she has successfully completed

Advance IOT

Duration July 13, 2022 to Aug 24, 2022



Director

Itronix Solution

  
cisco

We Sell  
Cisco

Certificate No. IS/IT/22/049

Training Manager





# ELECTRICALS

Phone : 0181-2293879

SPECIALISTS IN :  
POWER FACTOR CONTROLLER & CONTROL PANEL ASSEMBLING A/c DC MOTORS, GENERATORS RECTIFIER  
TRANSFORMERS, ARMATURE REWINDING & INDUSTRIAL WIRING  
Sodal Road, (Opp. Pansla Industries) JALANDHAR-144 004.

Ref. No. EFC-19

Dated 26/08/2022

**Sub:- CERTIFICATE OF 6 WEEK TRAINING B.TECH ELECTRICAL  
ENGINEERING 4th SEM. 2nd YEAR.**

I Proprietor of Company do hereby certify that student  
Mr. Shamim Ahmed, Roll No. 2022656 B.Tech Electrical Engg.  
1KGPTU, Kapurthala has completed the prescribed Training  
as sponsored by the University from 15 July 2022 to  
26 August 2022 and his progress was satisfactory.

I further certify that during the above mentioned  
period he was not given any leave.

for S.P. ELECTRICALS

For S.P. Electricals

Prop.  
Prop.

Head  
Department of Electrical Engineering  
I.K. Gujral Punjab Technical University  
Kapurthala-144006



# CERTIFICATE




Registered Office  
Secretary to the  
Board  
Telephone Numbers  
Wireless address  
Facsimile

Head Office, Shimla, Himachal Pradesh  
Regional Offices  
Srinagar, Jammu, Baramulla, Kathua, Poonch, Jhelum, Mirpur, Samba, Udhampur, Dera, Jalandhar, Ludhiana, Patiala, Ferozpur, Bathinda, Moga, Gurgaon, Faridkot, Haryana, Punjab, Chandigarh, Delhi, India


## TO WHOM IT MAY CONCERN

It is certified that Sh. Ishant Sharma Roll No. 2124540 student of I.K. Gujral Punjab Technical University Kapurthala in Electrical Engineering was under Industrial Training for B.Tech at 33/11 KV Sub-Station H.P.S.E.B. Ltd. Kotli (Chamba) with effect from 18.07.2022 to 28.08.2022.


He was found enthusiastic and sincere in learning during the entire training period.

  
Assistant Engineer  
Electrical Sub Division  
H.P.S.E.B. Ltd Kotli

Copy of above is forwarded to the H.O.D. Electrical Engineering, I.K. Gujral Punjab Technical University Kapurthala (PD)

  
Assistant Engineer  
Electrical Sub Division  
H.P.S.E.B. Ltd Kotli

2022.08.29 15:33

  
Head  
Department of Electrical Engineering  
I.K. Gujral Punjab Technical University  
Kapurthala-141005





**PUNJAB STATE POWER CORPORATION LIMITED.**

**O/o: - Addl. SE, O & M DIVISION, PSPCL, SCADA Centre Building,  
PSPCL Colony, Chuggitti, JALANDHAR.**


**OFFICE PHONE: 0181-2920157 Email- [ssogridmtcjalandhar@gmail.com](mailto:ssogridmtcjalandhar@gmail.com)**

**Memo. No. 2743/G-14/2022-23**

**Date: - 06/09/2022**

**CERTIFICATE OF TRAINING**

It is certified that Mr. Ankit Kumar S/o Satya Narayan Sah, Roll No.2124537 B.Tech in Electrical Engineering, at I.K. Gujral Punjab Technical University, Kapurthala has undergone Industrial Training 6 Weeks from Date:19.07.2022 to 29.08.2022 vide Dy. CE, P&M Circle, PSPCL, Jalandhar Office Order No. 132 Dated 18.07.2022. He has completed his Training successfully at 66KV Sub-Station, PSPCL, Leathar Complex, Jalandhar and his work and conduct during training remained satisfactory.

  
Addl. SE,  
O & M Division, PSPCL,  
Jalandhar.



Head  
Department of Electrical Engineering  
I.K. Gujral Punjab Technical University  
Kapurthala-144606







# SAINI ELECTRICALS WORKS

## TRAINING CERTIFICATE FROM THE INDUSTRY

DATE: 25-08-2022

### TO WHOM IT MAY CONCERN

This is to certify that Mr.Chander Mohan S/O Sh.Shiv Shankar Shah , a student of PTU Department of electrical engineering Jalandhar Roll no. 2124539 has successfully completed his 6 weeks Industrial Training in our organization. During his training period he has worked in our electrical department.

During the period of training , we found him sincere & hard worker.

We wish him all the best in his future endeavors.

SAINI ELECTRICALS WORKS  
Auth. Signator.

SAINI ELECTRICAL WORKS

---

Factory Address : New Hargobind Nagar, Dhogri Road, Jalandhar.  
Phone : 0181-2611407 Mobile : 099157-95228, 094170-65371  
E-mail : sainielectricalworks@yahoo.com

Head  
Department of Electrical Engineering  
I.K. Gujral Punjab Technical University  
Kapurthala-144006




**HP State Electricity Board Limited**  
**(A State Govt. Undertaking)**  
**Industrial Training Certificate**

It is certified that Mr.Akhil Jamwal S/o Sh.Ram Singh Jamwal R/  
Vill.Hirapur P.O. Auhar Teh. Jhandutta Distt. Bilaspur (H.P) has undergone  
Days industrial Training w.e.f 16.07.2022 to 26.08.2022 & got the knowled  
of operational & maintenance of Power DTR's, control panels, Maintenar  
of HT & LT Lines,DC Control, Shunt Capacitor etc. under 33/11 KV S/  
Kandrour Under ESD Kandrour Distt. Bilaspur(H.P)

Place: Kandrour  
Date: 26.08.2022

  
Signature of training coordinator  
Electrical Sub Division  
with seal HPSEB Ltd. Kandrour

  
Head  
Department of Electrical Engineering  
V.K. Gujral Punjab Technical University  
Kapurthala-141001



# CERTIFICATE

भारत कोकिंग कोल लिमिटेड एक मिनी रतना कंपनी (कोल इंडिया लिमिटेड का एक संग) महानिबंधक (मा.स.वि.) का कार्यालय मा.स.वि. विभाग, कल्याण भवन, जगरान नगर, धनबाद-826003		BHARAT COKING COAL LIMITED A Mini Ratna Company (A Subsidiary of Coal India Limited) Office of the General Manager (HRD) HRD Dept., Kalyan Bhawan, Jagran Nagar, DHANBAD-826003 E-mail - gmhrd.bcccl@coalindia.in
---	---	---

संदर्भ: वीसीसीएम/महा प्र (मा.स.वि.)/VT/2022/582

दिनांक: 13/09/2022

## प्रशिक्षण प्रमाण पत्र /CERTIFICATE OF TRAINING

This is to certify that Mr. Shubham Ranjan Sinha, roll no. 2124546 a B.Tech (Electrical Engg.) student of I.K. Gujral Punjab Technical University, Kapurthala, Punjab has undergone summer/vocational training at 132 KV Sub Station, P.B. Area, BCCL, Dhanbad from 01.08.2022 to 11.09.2022.

This certificate is being issued on the basis of certification vide letter no. PBA/AM(E&M)/Letter/2022/166 dated 12.09.2022 of Area Manager (E&M), P.B. Area, BCCL, Dhanbad.

मुख्य प्रबंधक (खनन)  
(मा.स.वि.)

Chief Manager (Mining)  
HRD, P.B. Area  
BCCL, Dhanbad

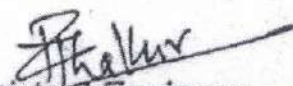
Head  
Department of Electrical Engineering  
I.K. Gujral Punjab Technical University  
Kapurthala-144006



**HP State Electricity Board Limited  
(A State Govt. Undertaking)  
Industrial Training Certificate**

It is certified that Mr.Vivek Chandel S/o. Sh.Kuldeep Singh R/O. Vi  
Kot Majhoun P.O. Bhager Teh.Ghumarwin Distt. Bilaspur(H.P) has undergone  
42 Days industrial Training w.e.f 16.07.2022 to 26.08.2022 & got the  
knowledge of operational & maintenance of Power DTR's, control panel  
Maintenance of HT & LT Lines, DC Control, Shunt Capacitor etc. under 33/  
KV S/Stn Kandroun Under ESD Kandroun Distt. Bilaspur(H.P)

**Place: Kandroun**  
**Date: 26.08.2022**

  
Assistant Engineer  
Signature of training coordinator  
Electrical Sub Division  
HPSEB Ltd. Kandroun  
with seal

  
Head  
Department of Electrical Engineering  
I.K. Gujral Punjab Technical University  
Kapurthala-144606



**I.K. Gujral Punjab Technical University, Kapurthala**  
**Department of Electrical Engineering (Main Campus)**

List of students B.Tech (EE) 8<sup>th</sup> semester Batch 2018-2022

Academic session January June 2022

Sr.No	Roll No.	Name
1	1818650	Abhinav Pathania ✓
2	1818651	Ankur Chauha
3	1818652	Anmol Kalia
4	1818653	Bhanu
5	1818654	Gagandeep
6	1818655	Harkaran
7	1818656	Harshdeep Rai
8	1818657	Kartikay
9	1818658	Manga
10	1818659	Parveen Kumar
11	1818660	Pritish Tuteja
12	1818661	Priya Kumari
13	1818662	Ramandeep Singh
14	1818663	Ruhi Kumari
15	1818664	Suraj Paliyal
16	1818665	Yamini Gupta
17	1916677	Harmanpreet Singh
18	1916678	Iqbal Singh
19	1916679	Lovepreet Singh
20	1916680	Navkirat Singh
21	1916681	Pankaj Kumar Gautam
22	1916682	Suraj Parkash
23	1801765	Abhishek Procha
24	1801767	Rahul Kuamr
25	1801768	Ranjeet Singh
26	1801769	Satyam Kumar Choudhary
27	1801771	Sukhchain Singh



Semester VII/VIII [Fourth year]					Branch: Electrical Engineering		
BTEE-721-18 One Semester Training	Marks					Total Marks	Credits
	Internal				External		
	Mid- semester		End-semester				
Evaluation by	Institute	Industry	Institute	Industry	External Examiner		
Software Training & Project	50	25	50	25	200	500	16
Industrial Training & Project	50	25	50	25			
<b>Total</b>	<b>300</b>				<b>200</b>	<b>500</b>	<b>16</b>

Note: In case a student goes for pre-placement training and such a training could be only software based or only hardware based or a combination of both. The report/evaluation in such a case to be made accordingly.



# Certification

**INFOWIZ**  
A SOFTWARE SOLUTION

SCO 118-119-120, Basement, Sector 34 - A, CHANDIGARH

## Certificate

No. Infowiz/242022/1097

This is certified that Mr./Ms. Abhinav Pathania

S/O/a. Sh. Nazender Kumar of IKGPTU, Jalandhar

has successfully undergone Hardware Course Networking & Hardware

from April, 2022 to May, 2022. During the tenure

of the above course, we found him/her a hardworking & innovative individual.

We wish him/her a very bright and prosperous future.



*[Signature]*  
Technical Head

*[Signature]*  
Branch Manager


*[Signature]*  
Managing Director

Tel: 0172 4567888, 098885 00888, 098886 00888  
Web: [www.infowiz.co.in](http://www.infowiz.co.in) E-mail: [info@infowiz.co.in](mailto:info@infowiz.co.in)

Head  
Department of Electrical Engineering  
J.K. Gujral Punjab Technical University



## Certification




**INFOWIZ**  
A SOFTWARE SOLUTION  
H.O. SCO 118 - 120, Sector 34 - A, CHANDIGARH  
8.O. First Floor, Crown Tower, 100 Ft. Road, BATHINDA  
Web: www.infowiz.co.in E-mail: info@infowiz.co.in


No. Topwiz/2022/1091

This is to certify that Mr./Ms. Abhinav Pathania S/O. Sh. Narendra Kumar  
has successfully undergone our course Networking & Hardware  
from Feb, 2022 to April, 2022. During the tenure of the above course,  
we found him/her a hardworking & innovative individual.

We wish him/her a very bright & prosperous future.

Marks: 87 / 100 Grade: A

 Technical Head

 Managing Director

Chandigarh: 0172 4567888, 98885 00889, 98886 00888      Bathinda: 0164 5007088, 90235 00889, 90236 00888

Head  
Department of Electrical Engineering  
J.K. Gujral Punjab Technical University  
141006



SI/HR/2021-22/IL16/29

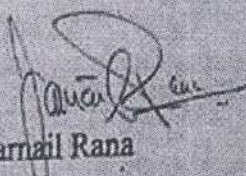
31/Mar/2022


**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that Mr. Gagandeep student of B.Tech (Electrical Engg.) From I.K. Gujral Punjab Technical University of Kapurthala (PB) has successfully completed his Industrial Training from 01-Feb-2022 to 31-Mar-2022 in Our Company.

We wish him all the best in his future endeavors.

For Sonalika Industries  
(A Unit of ICML)

  
Jarnail Rana  
Manager - HR, P&A, IT

  
Head  
Department of Electrical Engineering  
I.K. Gujral Punjab Technical University  
Kapurthala-146003

**Sonalika Industries (A Unit of International Cars & Motors Ltd.)**

PLANT & MARKETING OFFICE: Village Chak Gagan, P.O. Piplowala-146022 Jalandhar Road, Hoshiarpur, Punjab (India)  
Tel: +91 9014 934322, +91 982 501300, Email: info@sonalikaindustries.com

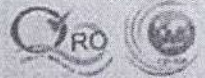
REGD. OFFICE: Sonalika House, 283, AGRI Enclave, Vardhola, Delhi-110092 (India) | @ www.sonalikaindustries.com | ICR-4243606/2005/PLC123857



# CERTIFICATE



**ABROL ENGINEERING COMPANY PRIVATE LIMITED**  
AN ISO 9001 CERTIFIED COMPANY



ISO 9001 : 2015 Certified Company  
ISO 14001 : 2015 Certified Company

P.O. Box 2, 'Abrol House',  
Industrial Area,  
Kapurthala-144 601 (Pb.)  
INDIA

Phone  
E-mail

CIN No.  
GST No.  
Bankers

91-1822-232053, 232977  
abrolengg@gmail.com  
info@aecoindia.com  
U29199PB1975PTC003543  
03AABCA2907L120  
State Bank of India, Kapurthala.

## To Whom It May Concern


This is certified that Mr. Harkaran S/o Sh. Rajesh Kumar Roll No.1818655 a student of I.K. Gujral Punjab Technical University, Kapurthala in Electrical Engg. Semester 8<sup>th</sup> (batch 2018) has attended Three Months industrial training in our company from 1<sup>st</sup> February 2022 to 30<sup>th</sup> April 2022. He was regular and punctual during his training period at our company.

He has completed the work assigned to our satisfaction. He is a hardworking boy. We wish him success in future.

Place: Kapurthala.

Dated: 30.04.2022.



  
Head  
Department of Electrical Engineering  
I.K. Gujral Punjab Technical University  
Kapurthala





**ABROL ENGINEERING COMPANY PRIVATE LIMITED**

AN ISO 9001 CERTIFIED COMPANY



ISO 9001:2015 CERTIFIED  
ISO 14001:2015 CERTIFIED

P.O. Box 2, 'Abrol House',  
Industrial Area,  
Kapurthala-144 601 (Pb.)  
INDIA

Phone  
E-mail

CIN No.  
GST No.  
Bankers

: 91-1822-232053, 232977  
: abrolengg@gmail.com  
: info@aecoindia.com  
: U29199PB1975PTC0037  
: 03AABCA2907L1Z0  
: State Bank of India, Kapurthala

### To Whom It May Concern

This is certified that Mr. Kartikay S/o Sh. Bimal Kumar Roll No.1818657 a student of I.K. Gujral Punjab Technical University, Kapurthala in Electrical Engg. Semester 8<sup>th</sup> (batch 2018) has attended Three Months industrial training in our company from 1<sup>st</sup> February 2022 to 30<sup>th</sup> April 2022. He was regular and punctual during his training period at our company.

He has completed the work assigned to our satisfaction. He is a hardworking boy. We wish him success in future.

Place: Kapurthala.

Dated: 30.04.2022.



↓  
Head  
Department of Electrical Engineering  
I.K. Gujral Punjab Technical University  
Kapurthala-144600





ABROL ENGINEERING COMPANY PRIVATE LIMITED

AN ISO 9001 CERTIFIED COMPANY

P.O. Box 2, 'Abrol House'  
Industrial Area,  
Kapurthala-144 601 (Pb.)  
INDIA

Phone  
E-mail

CIN No.  
GST No.  
Bankers

91-1622-232053, 232977  
abrolengg@gmail.com  
info@aeconline.com  
U28199PB1678PTC0011  
03AABCA2897L120  
State Bank of India, Kapurthala

### To Whom It May Concern

This is certified that Mr. Kartikay S/o Sh. Bimal Kumar Roll No.1818657 a student of I.K. Gujral Punjab Technical University, Kapurthala in Electrical Engg. Semester 8<sup>th</sup> (batch 2018) has attended Three Months Industrial training in our company from 1<sup>st</sup> February 2022 to 30<sup>th</sup> April 2022. He was regular and punctual during his training period at our company.

He has completed the work assigned to our satisfaction. He is a hardworking boy. We wish him success in future.

Place: Kapurthala.

Dated: 30.04.2022.



Head  
Department of Electrical Engineering  
I.K. Gujral Punjab Technical University  
Kapurthala-144606



Date: 04-04-2022

**CERTIFICATE**


This is to certify that **Mr. Manga S/o Sodhi Lal** a student of I.K.G. Punjab Technical University Main Campus Roll No. 1818658 has successfully completed industrial training from Dated: 01-02-2022 to 31-03-2022 in our Organization. During his training period he had worked in Electrical Department of RMPU section.

He was found to be sincere, hardworking and a keen learner.

We wish him success in life

For ESS ESS KAY ENGG. CO. PVT. LTD.

  
Authorised Signatory

  
Head of Industrial Engineering Department  
I.K.G. Punjab Technical University  
Kapurthala-144606



Ref : MEL/696  
Date : 30/04/2022



TO WHOM IT MAY CONCERN

This is to certify that **Mr. PRITISH TUTEJA** bearing Roll No. 1818660 pursuing B-Tech(EE) has successfully completed his 2 months Industrial training from **04<sup>th</sup> February, 2022 to 04<sup>th</sup> April, 2022** in our organization.

During training period his conduct with other staff and colleagues is always decent, respectful, co-operative. His record with us is excellent.

His overall performance during the training period was satisfactory.

We wish success in his life.

Regards,

For Mahashakti Energy Limited.,

  
Auth. Signatory



**MAHASHAKTI ENERGY LIMITED**

Corporate Office  
A-8 New Focal Point,  
Dabwali Road, Bathinda-151001  
Punjab, India  
CIN-U28999PB1994PLC014935

t: +91-164-2280058, 2281778  
f: +91-164-2282506  
e: info@mahashaktienergy.com  
www.mahashaktienergy.com

  
Head  
Department of Electrical Engineering  
I.K. Gujral Punjab Technical University  
Kapurthala-144006



Ref : MEL/696  
Date : 30/04/2022



TO WHOM IT MAY CONCERN

This is to certify that **Mr. PRITISH TUTEJA** bearing Roll No. 1818660 pursuing B-Tech(EE) has successfully completed his 2 months Industrial training from **04<sup>th</sup> February, 2022 to 04<sup>th</sup> April, 2022** in our organization.


During training period his conduct with other staff and colleagues is always decent, respectful, co-operative. His record with us is excellent.

His overall performance during the training period was satisfactory.

We wish success in his life.

Regards,

For Mahashakti Energy Limited.,

  
Auth. Signatory

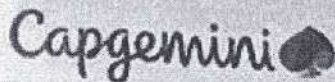
**MAHASHAKTI ENERGY LIMITED**

Corporate Office  
A-8 New Focal Point,  
Dabwali Road, Bathinda-151001  
Punjab, India  
CIN-U28999PB1994PLC014935

t: +91-164-2280058, 2281778  
f: +91-164-2282506  
e: info@mahashaktienergy.com  
www.mahashaktienergy.com

↓  
Head  
Department of Electrical Engineering  
J.K. Somaiya Punjab Technical University  
Kapurthala





Capgemini Technology Services India Limited  
(Formerly known as IGATE Global Solutions Limited)  
IT 1, IT 2, Airoli MIDC, Thane - Belapur Road,  
Navi Mumbai 400708, Maharashtra, India.  
Tel: +91 22 7144 4283 | Fax: +91 22 7141 2121  
www.capgemini.com/in-en

**Superset ID: 1559828**

**Letter of Intent ("LOI")**

Dear PRIYA KUMARI,

With reference to your interview conducted by us, we are pleased to inform that you have been shortlisted for the position of **Analyst and A4** with **Capgemini Technology Services India Limited** (hereinafter referred to as "Capgemini").

In this regard, we are proposing compensation package and benefits, the details of which are set forth in **Annexure 1** to this letter.

The final Employment Offer Letter shall be subject to your successful completion of all curricular requirements as laid down by the University/ Institute for award of the degree/ diploma and the minimum passing percentage/ grade/ rank/ class as determined by Capgemini.

The location of your initial reporting and training and the date of your joining would be communicated to you in due course of time post successful completion of your pre-joining trainings and final semester degree/ diploma examination.

The date of joining and the location of posting will be purely based on business requirements of Capgemini. Capgemini solely reserves the right to make any changes to the date of joining and the location of posting during the course of your training and employment with Capgemini.

Upon accepting this LOI, you will be provided access to the ADAPT (Accelerated Digital Aid for Pre-onboarding Talent) eLearning platform which allows you to learn and master the concepts and skills required to be industry ready. The learning will be a self-paced journey inclusive of assignments, assessments and webinars as deemed appropriate by Capgemini and the successful completion of the same is a prerequisite for joining Capgemini.

It is very essential that you effectively leverage this platform to complete the courses and clear the assignments and assessments. The progress made by you in this learning journey would not only help you in getting on-boarded on priority but also help you to be trained for advanced skills relevant to your career at Capgemini. We also encourage you to learn beyond the prescribed course curriculum and acquire industry recognized certifications to accelerate your career in this competitive industry.

↓  
Head  
Department of Electrical Engineering  
I.K. Gujral Punjab Technical University  
Kapurthala-144006



Ref : MEL/697  
Date : 30/04/2022



TO WHOM IT MAY CONCERN

This is to certify that **Mr. RAMANDEEP SINGH** bearing Roll No. 1818662 pursuing B-Tech(EE) has successfully completed his 2 months Industrial training from **04<sup>th</sup> February, 2022 to 04<sup>th</sup> April, 2022** in our organization.

During training period his conduct with other staff and colleagues is always decent, respectful, co-operative. His record with us is excellent.


His overall performance during the training period was satisfactory.

We wish success in his life.

Regards,

For Mahashakti Energy Limited.,

  
Auth. Signatory

  
Head  
Department of Electrical Engineering  
J.K. Gujral Punjab Technical University  
Kapurthala-144006

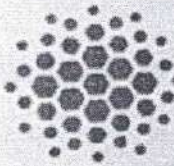
**MAHASHAKTI ENERGY LIMITED**

Corporate Office  
A-8 New Focal Point,  
Dabwali Road, Bathinda-151001  
Punjab, India  
CIN-U28999PB1994PLC014935

T: +91-164-2280058, 2281778  
F: +91-164-2282506  
E: info@mahashaktienergy.com  
www.mahashaktienergy.com



Ref. No. RB16WFEB21/0011



RAJU BROS

# RAJU BROS SOFTECH PRIVATE LIMITED

## CERTIFICATE OF TRAINING (INDUSTRIAL)

This is to certify that *Ms. Rishi Kumari* bearing roll number *1818663* from Punjab Technical University, Jalandhar, has completed his Industrial training in IoT which was held from *05-02-2022* to *05-04-2022* as a part of their B.Tech in Electrical Engineering Programme. During this period he undergoes training in various modules of IoT and his performance is satisfactory.

Head  
Department of Electrical Engineering  
J.K. Gujral Punjab Technical University  
Kapurthala-141008

FOR RAJU BROS SOFTECH PRIVATE LIMITED

*Nishant Raju*  
Director

Director

Raju Bros Softech Pvt. Ltd.



**TATA TECHNOLOGIES**



# *Certificate of Participation*

THIS IS TO CERTIFY THAT

**SURAJ PALIYAL**

HAS SUCCESSFULLY COMPLETED THE INDUSTRIAL TRAINING IN

**INDUSTRIAL ROBOTICS**

**PRODUCT DESIGN AND DEVELOPMENT**

**MECHATRONICS AND IOT**

**ADVANCED AUTOMOBILE**

**ADVANCED MANUFACTURING**

CONDUCTED AT CIIT IKPTU-KAPURTHALA DURING 28-JAN-2022 TO 31-MAY-2022

*Pushkaraj Kaulgud*

**Pushkaraj Kaulgud**  
Global Director - EESS  
Tata Technologies

**TTL-21-22-00148**  
Serial Number

**17-06-2022**  
Date

**TATA TECHNOLOGIES**

Head  
Department of Electrical Engineering  
I.K. Gujral Punjab Technical University  
Kapurthala-144006



# CERTIFICATE



## HIMACHAL PRADESH STATE ELECTRICITY BOARD LIMITED (A State Government Undertaking)

Office Assistant Engineer  
Phone 132 KV Sub Station (ES) Sub Division HPSEB Ltd. Kurthala (Tissa) Dist. Chamba  
E-mail +91 9816291220  
aekurthala@gmail.com

### TO WHOM SO EVER IT MAY CONCERN INDUSTRIAL TRAINING CERTIFICATE

It is certified that Miss Yamini Gupta (Roll No.1818665) D/O Sh. Rajan Gupta Vill. & P.O. Bhanjraur Tehsil Churah, Dist. Chamba H.P. 176316 currently pursuing her B. tech in Electrical Engineering at Inder Kumar Gujral Punjab Technical University, Kapurthala- 144006 (Pb) has completed her training at 132 KV (ES) Sub Division HPSEBL Kurthala, Dist. Chamba, H.P. 176316. The training period of Miss Yamini Gupta was from 11/01/2022 to 11/04/2022.

She was deputed with the Sub Station staff and was given thorough in and out information about the functioning of various electrical equipments installed at the 132 KV Sub Station. She also applied her theoretical knowledge at the substation which helped her to understand the functioning of the various electrical equipments installed at the substation. Her attributes like hard work, punctuality, sincerity towards the work assigned to her were appreciated during her training period.

#### PERFORMANCE

i)	Attendance	: 100 %
ii)	Conduct	: Good
iii)	Attitude	: V. Good
iv)	General Behavior	: V. Good
v)	Remarks	: Overall performance is very good

Wish her success for future endeavors.

No.: - HPSEBL/ESSDK/E-1/9/2022-23-L/0

Dated: - 11/04/2022

Assistant Engineer  
132KV Sub. ES SDMS  
H.P. S.E. Ltd. Kurthala

Office Vidyut Bhawan, HPSEB Shimla-171004 (H.P.) CIN:U40109HP2009SGC031255. Website www.hpseb.com.

Department of Electrical Engg.  
I.K. Gujral Punjab Technical Univ.  
Kapurthala-144006



# Certification

**INFOWIZ**  
A SOFTWARE SOLUTION

SCO 118-119-120, Basement, Sector 34 - A, CHANDIGARH

## Certificate

No. Infowiz/242022/121

This is certified that Mr./Ms. Harmanpreet Singh

S/O/o. Sh. Satpal Singh of IKGPTU, Jalandhar

has successfully undergone Hardware Course Networking & Hardware

from Apr, 2022 to May, 2022 During the tenure

of the above course, we found him/her a hardworking & innovative individual.

We wish him/her a very bright and prosperous future.

Certificate of Hardware Training



*[Signature]*  
Technical Head

*[Signature]*  
Branch Manager

*[Signature]*  
Managing Director

Ph: 0172 4567888, 098885 00888, 098886 00888  
Web: [www.infowiz.co.in](http://www.infowiz.co.in) Email: [info@infowiz.co.in](mailto:info@infowiz.co.in)

*[Signature]*  
Head  
Department of Electrical Engineering  
I.K. Gujral Punjab Technical University  
Kacurthala-144009





# INFOWIZ®

A S O F T W A R E S O L U T I O N

H.O.: SCO 118 - 120, Sector 34 - A, CHANDIGARH

B.O.: First Floor, Crown Tower, 100 Ft. Road, BATHINDA

Web.: [www.infowiz.co.in](http://www.infowiz.co.in) E-mail: [info@infowiz.co.in](mailto:info@infowiz.co.in)

No. *Infowiz/2/24/2022/1121*

This is to certify that Mr./Ms. Harmanpreet Singh S/D/o. Sh. Satpal Singh  
has successfully undergone our course Networking & Hardware  
from Feb, 2022 to Apr, 2022. During the tenure of the above course,

we found him/her a hardworking & innovative individual.

We wish him/her a very bright & prosperous future.

Marks : 86 / 100

Grade : A

Technical Head

Managing Director

Chandigarh: 0172 4567888, 98885 00888, 98886 00888

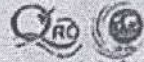
Bathinda: 0164 5007088, 90235 00888, 90236 00888



# CERTIFICATE



**ABROL ENGINEERING COMPANY PRIVATE LIMITED**  
AN ISO 9001 CERTIFIED COMPANY



ISO 9001:2015 Certified Company  
ISO 14001:2015 Certified Company

P.O. Box 2, 'Abrol House',  
Industrial Area,  
Kapurthala-144 601 (Pb.)  
INDIA.

Phone  
E-mail

CIN No.  
GST No.  
Bankers

91-1022-232053, 232977  
abrolengg@gmail.com  
info@successindia.com  
U29199PB1975PTC003543  
03AABCA2907L120  
State Bank of India, Kapurthala.

## To Whom It May Concern

This is certified that Mr. Iqbal Singh S/o S. Harvinder Singh Roll No.1916678 a student of I.K. Gujral Punjab Technical University, Kapurthala in Electrical Engg. Semester 8<sup>th</sup> (batch 2018) has attended Three Months Industrial training in our company from 1<sup>st</sup> February 2022 to 30<sup>th</sup> April 2022. He was regular and punctual during his training period at our company.

He has completed the work assigned to our satisfaction. He is a hardworking boy. We wish him success in future.

Place: Kapurthala.

Dated: 30.04.2022.



Head  
Department of Electrical Engineering  
I.K. Gujral Punjab Technical University  
Kapurthala-144006



Memo NO. 623

Dated. 2/5/2022



PSPCL

Punjab State Power Corporation Ltd.  
P&M Division No. 2, Power Colony, Amritsar.

CERTIFICATE

This is to certify that Mr. Lovepreet Singh S/o Mr. Basant Singh, student of B.Tech in Electrical Engineering from I.K. Gujral Punjab Technical University (Main Campus) Kapurthala Punjab was Imparted two month Industrial Training from 11-02-2022 to 11-04-2022 at 66 KV Sub Station Mehta Chonk under SSE (PSPCL) Beas Under P&M Div-2 Amritsar.

Mr. Lovepreet Singh took interest in his training and acquired maximum practical knowledge in the field of Electrical Substations and Protection system. During the training period he proved himself to be very sincere, faithful and honest. His behavior with all employees and training staff was very affable and cooperative. He also took active part in tree plantations activities being carried out by this office.

ADDL.SE.  
P&M-2 PSPCL,  
Amritsar

Head  
Department of Electrical Engineering  
I.K. Gujral Punjab Technical University  
Kapurthala-144006





ISO 9001:2015 CERTIFIED ORGANIZATION  
**AICSM**  
Skills & Management



**N.S.D.C.**  
National  
Skill Development  
Corporation

A unit of All India Computer Saksharta Mission  
(A National Education Programme of Information Technology & Development)  
An Autonomous Institute Registered Under Govt. of India, N.C.T., New Delhi  
Course registered Under C.R. Act Ministry of HRD (Dept of Secondary & Higher Education)  
MINISTRY OF LABOUR & EMPLOYMENT DIRECTORATE OF EMPLOYMENT NO. DGEO-U11011/2016-EE-1  
Training Partner of National Skill Development Corporation  
Gen. Vahvat Dept., Govt. of Gujarat, Certificate Accordingly letter No. CFA-10-2007-149320,  
G.P. Date 13/06/2008, Gujarat reg. No. E/19027/Rnd./Guj

# Certificate

*This Is To Certify That*



**NAVKIRAT SINGH S/O RANJIT SINGH**

Enrollment No. :- AICSM/3221513/125-PUN

Attended the

**CERTIFICATE IN AUTOCAD**

Mar 01, 2022 to May 31, 2022

Obtained the grade "A"

Centre :- R.S EDUCATIONAL INSTITUTE - 125-PUN

KAPURTHALA - PUNJAB

Date of Issue :- Jun 13, 2022



Branch Director  
Seal & Sign

  
Director



Grade Legend : A+80% & Above, A 70% to 79%, B+60% to 69%, B 50% to 59%, C 40% to 49%, Fail under 40%

Tel. : +91-744-2392027, e-mail : [info@aicsm.com](mailto:info@aicsm.com), website : [www.aicsm.com](http://www.aicsm.com)

Head  
Department of Electrical Engineering  
T.K. Guraj Purjeh Technical University  
Kapurthala-144006





**ESS ESS KAY ENGG CO. (P) LTD.**  
Head Office : Factory Area, Kapurthala - 144 401. (Pb.) INDIA.  
Ph. 01822-232587, 232954, 221614-15 Fax. 01822-232668  
web : [www.ssk.co.in](http://www.ssk.co.in), e-mail : [info@ssk.co.in](mailto:info@ssk.co.in)  
GSTIN - 03AAACE50570121

Date: 04-04-2022

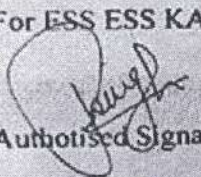
### CERTIFICATE


This is to certify that Mr. Navkirat Singh S/o Ranjit Singh a student of I.K.G. Punjab Technical University Main Campus Roll No. 1916680 has successfully completed industrial training from Dated: 05-02-2022 to 04-04-2022 in our Organization. During his training period he had worked in Electrical Department of RMPU section.

He was found to be sincere, hardworking and a keen learner.

We wish him success in life

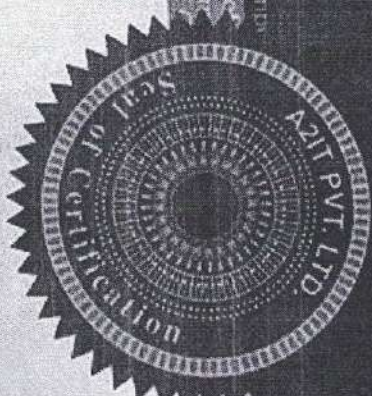
For ESS ESS KAY ENGG. CO. PVT. LTD.

  
Authorized Signatory

  
Head  
Department of Electrical Engineering  
I.K. Gujral Punjab Technical University  
Kapurthala-144005



# Certificate of Completion



**PANKAJ KUMAR GAUTAM**

has successfully completed the training requirements to be recognized as a certified Professional of:

**Networking with CCNA**

From : 04 APR 2022 to 03 JUN 2022 | Registration Number : AZITMH-9487



Director

General Manager - Training

Verify Certificate at:  
[www.azitsoft.com](http://www.azitsoft.com)

C-124, Industrial Area, Phase 8, Mohali - Punjab  
Ph: 0172 5099500 | E: [info@azitsoft.com](mailto:info@azitsoft.com) | W: [www.azitsoft.com](http://www.azitsoft.com)



Head  
Department of Electrical Engineering  
P.K. Gupta  
Punjab Engineering College  
Mohali





**HIMACHAL PRADESH POWER CORPORATION LIMITED**  
**(A STATE GOVERNMENT UNDERTAKING)**

Berra Dol Solar Power Project (5MW)  
Tehsil Shree Naina Devi Ji, Distt. Bilaspur-174002  
Email: [berradolspp5mw@gmail.com](mailto:berradolspp5mw@gmail.com)

No:- HPPCL /SPP/O&M/2022- 196

Dated: 21.04.2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr. Pankaj Kumar Gautam, Roll No. 1916681, B.Tech (Electrical Engineering), I.K. Gujral, Punjab Technical University, Jalandhar-Kapurthala, Highway-144603, has successfully completed his Industrial Training from 01-Feb-2022 to 01-Apr-2022 in BerraDol Solar Power Project (5MW) HPPCL.

We wish him all the best in his future endeavors.

Thanks & Regards

A.E.E. cum EIC,  
BDSPP (5MW).

Head  
Department of Electrical Engineering  
I.K. Gujral Punjab Technical University



**TATA TECHNOLOGIES**



# *Certificate of Participation*

THIS IS TO CERTIFY THAT

**SURAJ PARKASH**

HAS SUCCESSFULLY COMPLETED THE INDUSTRIAL TRAINING IN

**INDUSTRIAL ROBOTICS**

**PRODUCT DESIGN AND DEVELOPMENT**

**MECHATRONICS AND IOT**

**ADVANCED AUTOMOBILE**

**ADVANCED MANUFACTURING**

CONDUCTED AT CIIT KGPTU-KAPURTHALA DURING 28-JAN-2022 TO 31-MAY-2022

Pushkaraj Kaulgud  
Global Director - EESS  
Tata Technologies

TTL-21-22-00160  
Serial Number

25-06-2022  
Date

**TATA TECHNOLOGIES**

Head  
Department of Electrical Engineering  
I. K. Gujral Punjab Technical University  
Kapurthala-144006



## CERTIFICATE

This is to certify that the project report entitled "SMART IRRIGATION BASED ON INTERNET OF THINGS" submitted by

**ABHISHEK PROCHA**

1801765

**B.Tech (Electrical Engg)**

in partial fulfillment of the requirements for the award of the **Degree of Bachelor of Technology in Electrical Engineering** is a bonafide record of the work carried out under my(our) guidance.

Signature of Supervisor

**Shreyash sir**

Centre of Invention, Innovation,

Incubation and Training

**TATA Technologies Limited**

At

**I.K. Gujral Punjab Technical**

**University**

The Project was evaluated by us on \_\_\_\_\_

EXAMINER 1  
EXAMINER 3

EXAMINER 2

Head  
Department of Electrical Engineering  
I.K. Gujral Punjab Technical University  
Jalandhar



**TATA TECHNOLOGIES**



# *Certificate of Participation*

THIS IS TO CERTIFY THAT

**RAHUL KUMAR**

HAS SUCCESSFULLY COMPLETED THE INDUSTRIAL TRAINING IN

**INDUSTRIAL ROBOTICS**

**PRODUCT DESIGN AND DEVELOPMENT**

**MECHATRONICS AND IOT**

**ADVANCED AUTOMOBILE**

**ADVANCED MANUFACTURING**

CONDUCTED AT CIIT IKGPTU-KAPURTHALA DURING 28-JAN-2022 TO 31-MAY-2022

*P. Kaulgud*

Pushkaraj Kaulgud  
Global Director - EESS  
Tata Technologies

TTL-21-22-00141  
Serial Number

17-06-2022  
Date

**TATA TECHNOLOGIES**

Head  
Department of Electrical Engineering  
J. K. Gujral Punjab Technical University  
Kapurthala-144006



**TATA TECHNOLOGIES**



# *Certificate of Participation*

THIS IS TO CERTIFY THAT

**RAHUL KUMAR**

HAS SUCCESSFULLY COMPLETED THE INDUSTRIAL TRAINING IN

**INDUSTRIAL ROBOTICS**

**PRODUCT DESIGN AND DEVELOPMENT**

**MECHATRONICS AND IOT**

**ADVANCED AUTOMOBILE**

**ADVANCED MANUFACTURING**

CONDUCTED AT CIIT IKGPTU-KAPURTHALA DURING 28-JAN-2022 TO 31-MAY-2022

Head  
Department of Electrical Engineering  
I.K. Gujral Punjab Technical University  
Kapurthala-144006

*P.N. Kaulgud*

**Pushkaraj Kaulgud**

Global Director - EESS

Tata Technologies

TTL-21-22-00141

Serial Number

17-06-2022

Date

**TATA TECHNOLOGIES**



# LEHRA INSTITUTE OF ADVANCE STUDIES

Institute for Vocational Courses & Industrial Training  
AN ISO 9001:2015 CERTIFIED ID No. : 0325Q111122  
Micro Small & Medium Enterprises, Govt. of India

MSME : UDYAM - PB - 19 - 0010199

NSDC TC ID No. : 001462

Registration No. LIA/22/04/T-153

## Certificate



This is to certify that Mr/Ms.

RANJEET SINGH

S/o BALVIR SINGH

Registration No. 1801768

is student of

I.K.G.P.T.U. MAIN CAMPUS.

KAPURTHALA has completed his/her Industrial Training in ELECTRICITY & SAFETY MEASURES  
(HARDWARE TRAINING) w.e.f. 01-APR-2022 to 31-MAY-2022 with Grade A+

During the training, the behavior of the student has remained satisfactory. He bears a good and moral character. We wish him success in life.



Leira Institute of Advance Studies

CO-ORDINATOR

07-JUN-2022

Date of Issue

DIRECTOR

Colony Road, Leiragaga - 148031 (Sangrur) Punjab

Ph: 01676-291302

CERTIFICATE BY TRAINING ORGANIZATION  
Head  
Department of Electrical Engineering  
I.K. Gujral Punjab Technical University  
Kapurthala-144006



**TATA TECHNOLOGIES**



# *Certificate of Participation*

THIS IS TO CERTIFY THAT

**SATYAM KUMAR CHOUDHARY**

HAS SUCCESSFULLY COMPLETED THE INDUSTRIAL TRAINING IN

**INDUSTRIAL ROBOTICS**

**PRODUCT DESIGN AND DEVELOPMENT**

**MECHATRONICS AND IOT**

**ADVANCED AUTOMOBILE**

**ADVANCED MANUFACTURING**

CONDUCTED AT CIIT IKGPTU-KAPURTHALA DURING 28-JAN-2022 TO 31-MAY-2022

**Pushkaraj Kaulgud**  
Global Director - EESS  
Tata Technologies

**TTL-21-22-00142**  
Serial Number

**17-06-2022**  
Date

**TATA TECHNOLOGIES**

Head  
Department of Electrical Engineering  
I.K. Gujral Punjab Technical University  
Kaourthala-144006



**TATA TECHNOLOGIES**



# *Certificate of Participation*

THIS IS TO CERTIFY THAT

**SATYAM KUMAR CHOUDHARY**

HAS SUCCESSFULLY COMPLETED THE INDUSTRIAL TRAINING IN

**INDUSTRIAL ROBOTICS**

**PRODUCT DESIGN AND DEVELOPMENT**

**MECHATRONICS AND IOT**

**ADVANCED AUTOMOBILE**

**ADVANCED MANUFACTURING**

CONDUCTED AT CIIT IKGPTU-KAPURTHALA DURING 28-JAN-2022 TO 31-MAY-2022

Head  
Department of Electrical Engineering  
I.K. Gujral Punjab Technical University  
Kapurthala-144006

*P. N. Kaulgud*

**Pushkaraj Kaulgud**  
Global Director - EESS  
Tata Technologies

TTL-21-22-00142

Serial Number

17-06-2022

Date

**TATA TECHNOLOGIES**