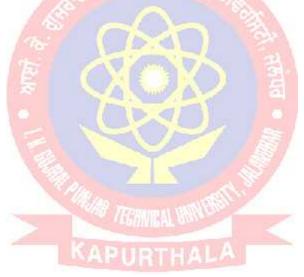
1.3.4

<u>Supporting Documents-Electrical</u> <u>Engineering</u>

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



)	rear (2023-24	t)	
	Program	Roll No	List of students undertaking	Link to the
Programme name	Code		field projects /research	relevant
			projects/internships	document
B.Tech Electrical Engineering	16	2022631	Abhimanu Thakur	
B.Tech Electrical Engineering	16	2022633	Adarsh Kumar	
B.Tech Electrical Engineering	16	2022634	Amanpreet Singh Sidhu	
B.Tech Electrical Engineering	16	2022635	Anuj Shukla	
B.Tech Electrical Engineering	16	2022636	Aryan	
B.Tech Electrical Engineering	16	2022637	Aryan Raj	
B.Tech Electrical Engineering	16	2022638	Britender Singh	
B.Tech Electrical Engineering	16	2022639	Chandan Singh	
B.Tech Electrical Engineering	16	2022641	Deepak Gupta	
B.Tech Electrical Engineering	16	2022642	Himanshu Raj	
B.Tech Electrical Engineering	16	2022643	Jaskaran Singh	
B.Tech Electrical Engineering	16	2022647	Kartik	
B.Tech Electrical Engineering	16	2022648	Krishan Kant	
B.Tech Electrical Engineering	16	2022649	Manish Sahani	
B.Tech Electrical Engineering	16	2022650	Md Arif Hussain	
B.Tech Electrical Engineering	16	2022652	Ranjan Kumar	
B.Tech Electrical Engineering	16	2022653	Sachin Kumar	
B.Tech Electrical Engineering	16	2022654	Sahil Sharma	
3.Tech Electrical Engineering	16	2022655	Sarbodhan Singh	
B.Tech Electrical Engineering	16	2022656	Shamim Ahmed	
B.Tech Electrical Engineering	16	2022657	Shubham Bharti	
B.Tech Electrical Engineering	16	2022659	Sohan Lal	
B.Tech Electrical Engineering	16	2022660	Sukhbir Singh	
B.Tech Electrical Engineering	16	2022661	Sunny Kumar	
B.Tech Electrical Engineering	16	2022662	Vikasdeep Singh Sidhu	
B.Tech Electrical Engineering	16	2124536	Akhil Jamwal	
B.Tech Electrical Engineering	16	2124537	Ankit Sharma	
B.Tech Electrical Engineering	16	2124538	Anuraj Kumar	
B.Tech Electrical Engineering	16	2124539	Chander Mohan Shah	
B.Tech Electrical Engineering	16	2124540	Ishant Sharma	
B.Tech Electrical Engineering	16	2124541	Kartik Sharma	
B.Tech Electrical Engineering	16	2124542	Kawaljot Kaur	
B.Tech Electrical Engineering	16	2124543	Narinder Kaur	
3.Tech Electrical Engineering	16	2124544	Nikhil Sharma	
3.Tech Electrical Engineering	16	2124545	Prajjwal Singh	
3.Tech Electrical Engineering	16	2124546	Shubham Ranjan Sinha	
3.Tech Electrical Engineering	16	2124547	Vivek Chandel	
3.Tech Electrical Engineering	16	2124412	Amarpreet Singh Ahuja	
3.Tech Electrical Engineering	16	2124413	Ashutosh Tiwari	
3.Tech Electrical Engineering	16	2124415	Ayush Singh	
3.Tech Electrical Engineering	16	2124417	Jaskaransingh	
B.Tech Electrical Engineering	16	2124418	Kapilkumar Singh	
B.Tech Electrical Engineering	16	2124419	LalitKoundal	
B.Tech Electrical Engineering	16	2124420	Malkeet Singh	

1.3.4 Number of students undertaking field projects / research projects / internships during the year (2023-24)

Department of Electrical Engineerin I K. Gubal Punjab Technical Univers Kaourthala-144006 Head

B.Tech Electrical Engineering	16	2124422	Nitesh Kumar	1
B.Tech Electrical Engineering	16	2124423	Parmindersingh	
B.Tech Electrical Engineering	16	2124424	Raman Gill	
B.Tech Electrical Engineering	16	2124425	Roshan Kumar	
B.Tech Electrical Engineering	16	2124428	Suraj Kumar Gupta	
B.Tech Electrical Engineering	16	2124429	Vivek Kumar yadav	
B.Tech Electrical Engineering	16	2224693	Davinder Singh	
B.Tech Electrical Engineering	16	2224696	Kuldeep	
B.Tech Electrical Engineering	16	2224697	Mushtag Ali	
B.Tech Electrical Engineering	16	2224698	Neha	
B.Tech Electrical Engineering	16	2224700	Pushpinder Rana	
B.Tech Electrical Engineering	16	2224701	Rhituraj Sharma Baruah	
B.Tech Electrical Engineering	16	2224703	Saksham Sharma	
B.Tech Electrical Engineering	16	2224704	Sauray Sharma	
B.Tech Electrical Engineering	16	2224704	Simranjit	
B.Tech Electrical Engineering	16	2224627	Archit Guleria	
B.Tech Electrical Engineering	16	2224628	Divjot Singh	
B.Tech Electrical Engineering	16	2224629	Harsh Sarpal	1
B.Tech Electrical Engineering	16	2224630	Jashan Lomber	
B.Tech Electrical Engineering	16	2224631	Mohit Rana	
B.Tech Electrical Engineering	16	2224632	Neeraj Bhatia	
B.Tech Electrical Engineering	16	2224633	Neeraj Kumar	
B.Tech Electrical Engineering	16	2224635	Pankaj	
B.Tech Electrical Engineering	16	2224638	Saroj Rani	
B.Tech Electrical Engineering	16	2224639	Sumit	
B.Tech Electrical Engineering	16	2224641	Vishal Kumar	
B.Tech Electrical Engineering	16	2323752	Akshay Pal	
B.Tech Electrical Engineering	16	2323753	Akshit Chandel	
B.Tech Electrical Engineering	16	2323754	Aman Kumar	
B.Tech Electrical Engineering	16	2323755	Anil Kumar	
B.Tech Electrical Engineering	16	2323757	MD.Najar	
B.Tech Electrical Engineering	16	2323758	Neha rani	
B.Tech Electrical Engineering	16	2323758	Shivansi	

2 Head Department of Electrical Engineerin I K. Gujral Punjab Technical Univers Kaouthala-144006

IK Gujral Punjab Technical University Main Campus Kapurthala Department of Electrical Engineering

IKGPTU/PE/ Cis/ 243

Dated: 19th June 2023

Subject: Instructions and modules regarding BTEE-321-18-Institutional summer vacation training (after the completion of B. Tech. 2nd semester)-Batch 2022 B.Tech.-Electrical Engineering

All students of B.Tech.-EE Batch 2022 are informed that their training must be completed from the period as mentioned below.

In addition, the faculty members of the department will conduct the classes during the period as per the following module, and will maintain the classes record for department information.

Timings: 9: 00 am to 1: 00 pm and 2: 00 pm to 5: 00 pm

Venue: EE department Name of module

Module 2: Single Line diagonal	Duration 0 training/Name 0 faculty member
Module 2: Single Line diagram of power generation, transmission distribution • Power scenario in India (Conventional & renewable sources of energy) (recent information from the website of Ministry of power to be included), Introduction to the concept of Heating, Ventilation and Air conditioning. The need of industrial safety. Introduction to electrical machines and their maintenance. Module 3: Introduction to multimeter, function generator, CRO, Identification and testing of resistors, capacitors, transistors and diodes, etc.,	22 nd June to 27 th June 2023/Dr Akhil Gupta
Module 3: Observing the response of various circuits on CRO Design and fabrication of +5V / +12V powers supply on bread board Design and fabrication of half wave and/or full wave rectifier Logics gates (using ICs) Module 4: Study of main components of a sub-station and visit to local sub Station	28 th June to 1 st July 2023/Dr Akhil Gupta
and students to identify small issues and propose requisite solutions/ remedies/ innovative solutions based on engineering), Invited talk by Industry Expert, Expert talk on recent technologies Module 1: Hands on training of wiring (Tube light, Incandescent bulb & LED light fitting, extension board, staircase). Preparation of wiring diagram for domestic load/commercial load Study of types of switches	3 rd July to 8 th July 2023/Dr Naveen Kumar Sharma
of insulation (samples to be made available)	10 th July to 14 th July 2023/Dr Deepika 3halla

Evaluation criterion

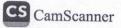
Certigero 2013



- Four (04) weeks Institutional Summer Vacation Training after 2⁻⁻⁻ semester is a compulsory non-Credit course.
- The students are required to maintain a daily dairy and submit it along with the "Problem formulation report".
- Student falling short of 75% attendance criterion is required to repeat the training with next batch.
- Continuous evaluation to be done and proper record to be maintained.
- The result will be "Satisfactory/Unsatisfactory" which is to be recorded within 3 working days after the completion of the training.

f 19.06-2023 HOD-EE

CC: Notice file, all concerned faculty members, Notice boards, all students for information





AUJUS TECHNOLOGY PRIVATE LIMITED

Dated- 12th Aug 2023

To whomsoever it may concern

This is to certify that Mr. Ashutosh Tiwari, I.K.G. Punjab Technical University Kapurthala, Punjab, has successfully completed his 40 days training cum internship from 1st July 2023 to 12th August 2022 on Digital Hardware Technology in Aujus Technology Private Limited

All necessary details were provided from our side for the establishment of this project.

During the period of his internship programme with us, he was found punctual, hardworking and inquisitive

We wish him very best in all his future endeavors.

Vaibhav Mishra

Internship Coordinator

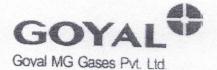
Sign

For Aujus Technology Pvt. Ltd.

Vallahad Luchre Director

Department of Electrical Engineerin I K. Gujral Punjab Technical Univers AS Kapanhala-144006

Regd Off: A1/269, Safdarjung Enclave New Dalhi -110029, India. Corp. Off: C 56/28, Fourth Floor, Sector 62, Noida, Utter Pradesh 201301, India. PH: 0120-4137883, 4137884, +91-9999037484 Email: <u>enguiny@aujustechnology.com</u>, <u>valbhave.mishra@aujustechnology.com</u> CIN-U74899012018FTC301989, GST-07AAOCA55031H120



HRD DEPARTMENT, GOYAL MG GASES PVT. LTD. GHAZIABAD

संदर्भः /महा.प्र.(मा.सं.वि.)/VT/2023/341 दिनांकः ३०.०८.२०२३

प्रशिक्षण प्रमाण पत्र / CERTIFICATE OF TRAINING

This is to certify that Mr. Ayush Sing, Roll No. 2124415, a B. Tech (Electrical Engg.) student of IKGPTU, Jalandhar has undergone summer/vocational training at 33KV Sub-Station, A-4/2, South Side of G.T. Road, U.P.S.I.D.C. Industrial Area, Ghaziabad for a period from 18.07.2023 to 25.08.2023.

This certificate is being issued on the basis of certification vide Letter No. GMGGL/GZB/E&M/2023-24/106 dated 25.08.2023 of Chief Manager (E&M), A-4/2, South Side of G.T. Road, U.P.S.I.D.C. Industrial Area, Ghaziabad.

For Goyal MG Gases Pvt. Ltd.

For GOYAL MG GASES PVT. LTD. Authorized Signatory Authorised Signatory



Department of Electrical Engineerin K. Oujral Punjab Technical Univers ourthala-144000

Regd, Office : 53, FriendsColony (East), New Delhi Ph. Nos. 91-11-26432601.02.03 CIN U74899DL1973PTC006578 Company Corresp. Add. / Works A-4/2, South Side of G.T. Road U.P.S.I.D.C. Industrial Area.GHAZIABAD Tel: +91(120) 2840463-67

Fax: +91(120) 2840469



AN ISO 9001:2008

Turkshart Semester and year __Zrd _____ bearing roll no. <u>2124.4.1.7.</u> of __ELECTRICAL_____ RFID Car Parking System Engg./_Engg./_____was under Training in "Technical Training Centre, Rail Coach Factory, student of ***** S. No. .7608/23. COPCH FACTORY KAPURY Kapurthala (Pb.) from .29/06/2023....to ...12/08/2023... (...0.6.....Weeks) Trainfild COLLEGE T. K.G. PUNJAB. TECHNICAL. LUNIVERSITY, KAPURTHALA of 54 His/Her performance during the training was Outstanding". Dertificate This is certified that Mr. Adds. JASKARAN ... SINGH 11bd Head Department of Elec DK. Gujral Punjab Te Waburthala-144006

Ref. No.- 23-47

Date: 14/08/2023

Schneide

Uter las some se

CERIFICATE

This is to certify that Mr. Kapil Kumar Singh S/O Vinod Kumar Singh, V semester B.Tech in Electrical Engineering student Roll No.- 2124418 from I.K. Gujral Punjab Technical University (Main Campus), Kapurthala has successfully completed Industrial Internship and Training program in Substation Operation and Maintenance at IIT BHU for a period of 6 weeks from 26/06/2023 to 10/08/2023.

During the training his conduct and performance were satisfactory.



Ritesh Pandey

For Schneider Electric Infrastructure Limited.

Head Department of Electrical Engineerin K Gujral Punjab Technical Univers SA Koomala-144006

Schneider Electric Infrastructure Limited 10°Floor, DLF Building No.10, Tower, DLFCyber city Phase II, Gurugram-122002, INDIA, Phone: +91-124-3940400, Fax: +91-124-4222036 www.schneider-infra.in

Registered Office: Milestone 87, Vadodara, Halol Highway. Village Kofambi, Post Office Jarod, Vadodara- 391 510, Gujarat, IndiaFax: 02668 662200



HIMACHAL PRADESH STATE ELECTRICITY BOARD LIMITED

(A State Government Undertaking)

Registered Office: Corporate Identity Number (CIN) GST No. Telephone Number Webiste Adress E-Mail Vidyut Bhawan, Kumar House,Shimla-171004 (H.P) U40109HP2009 SGC031255 HSPEBL 02 AACCH4894EH2B 01892-262799, 265128(Office), www.hpseb.com ae132KVKangra@grnail.com

No:-HPSEBL/256075(B)/2023-24-217

Dated: 05 08 2013.

CERTIFICATE

This is to certify that Mr Lalit Koundal S/O Sh. Puran Kumar with University Roll. No. 2124419 a student of B.Tech in Electrical Engineering of INDER KUMAR GUIRAL PUNJAB TECHNICAL UNIVERSITY has successfully completed the 6 Week Industrial Training at 132/33/11KV Sub-Station , HPSEBL Kangra (H.P) with effect from <u>26/06/2023</u> to 05/08/2023.

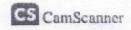
He gained the knowledge of work about 132/33/11KV Sub-Station. He was found enthusiastic and sincere in learning during the entire training period & his performance and behaviour with staff between the training duration was very good.

"We Wish him success in all future Endeavours"

Assistant Engineer (E) 132KV S/Stn S/Division HPSEBL Kangra

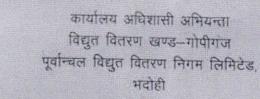
Assistant Engineer, 132 K.V. Sub/Stn. Sub-Division H.P.S.E.B.L. Kangra (Ghurkri¹

Department of Electrical Engineerin I K. Gujral Punjab Technical Univers Kaburthala-144006



RAIL COACH FACTORY KAPURTHALA S. No. 7607 23 Certificate This is certified that Mr. Miss MALKEET SINGH student of COLLEGE IK & PUNJAB TECHNICAL UNLYERSITY, KAP RTH LA of 54 Kapurhala (Pb.) from 2906 2023 to 12 08 2 nding ?! His/Her-performance during the training was Training Coro

Department of Electrical Engineerin I K. Gujral Punjab Technical Univers purthala-144006 N



Imail to compose and provident

पत्रांकः 5247/विवविवखंठ-गोव(भव)/

दिनाक २५ ० १, 2023

प्रमाण पत्र

प्रमाणित किया जाता है कि श्री नितेश कुमार पुत्र श्री विनय कुमार छात्र इसविट्रकल इन्जीनियरिंग द्वारा इस खण्ड के अन्तर्गत 33/11 केठवीठ विद्युत उपकेन्द्र वहीदा पर विनाक 14.07 2023 से 28.08.2023 तक Vocational Training (ग्रीष्मकालीन तकनीकी प्रशिक्षण/समर ट्रेनिंग) प्राप्त किया गया है। उक्त अवधि के दौरान इनका कार्य एव व्यवहार उत्तम रहा है।

(आदित्य पाण्डेय) अधिशासी अभियन्ता

Head Department of Electrical Engineerin 1 K. Guiral Punjab Technical Univers Republicate 144006

General Punjab State Power Corporation Limited OFFICE: Addl. S.E./OPERATION & MAINTAINANCE DIVISION Near Circle office, Tanda Road, PSPCL, HOSHIARPUR. TELEPHONE NO.: 0181-251567, 96461-16036 E-MAIL: <u>gmc psebhsp@yahoo.com</u>

TO WHOM IT MAY CONCERN

It is certified that Mr. Parminder Singh S/O Sh. Jagtar Singh University Roll No. 2124423 a student of B.Tech in E.E. of I.K. Gujral Punjab Technical University Jalandhar has undergone 06 Week Industrial training in operation & maintenance of Sub station Equipments in O. & M. Division, P.S.P.C.L., Hoshiarpur w.e.f. 11-July-2023 to 21-Aug-2023. His work and conduct during training period found satisfactory. I wish him all the success in his life.

Memo No. 2452

Dated: 33/08/2023

O. & M. Division, PSPCL, Hoshiarpur.

Department of Electrical Engineerin K. Gujral Punjab Technical Univers ala=144006



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

> Memo. No3789/G-14 Date: - 13-09-2023

CERTIFICATE OF TRAINING

It is certified that Mr. Raman Gill S/o Sh. Inderjit, Roll No.2124424-B B.Tech in Electrical Engineering at I.K. Gujral PTU Kapurthala has undergone Industrial Training 06 Weeks from Date:13.07.2023 to 23.08.2023 vide Dy. CE, P&M Circle, PSPCL, Jalandhar Office Order No. 35 Dated 03.07.2023. He has completed his Training successfully at 66KV Sub-Station, PSPCL, Sports and Surjical Complex, Jalandhar and his work and conduct during training remained satisfactory.

2000 Addl. SE

O & M Division, PSPCL, Jalandhar.

Head Department of Electrical Engineerin I.K. Gujral Punjab Technical Univerpyrthala-144006

Trainflig Togsty with the was under Training in " Technical Training Centre, Rail Coach Factory, student of S. No. .7603/23. COPCH FACTORY KAPURY Semester and year 3rd bearing roll no. 2124425 of ELECT. R.T.C.AL 3-0 Automatic Changeover SwitchWeeks) College I. K. G. PUNTAB. TECHNICAL UNITVERSITY, KAPURTHALA. of 5th Kapurthala (Pb.) from .29/06/2023 10 .12/08/2023. (...06... His/Her performance during the training was "Outstanding" Oentificate This is certified that Mr./Miss .. RO.SHAN KUMAR 1153 Head Department of Electrical Engineer I K. Gujral Punjab Technical Univer. Electrical Engineer

Ref. No.- 23-49

Life is On Schneider

CERTIFICATE

This is to certify that Mr. Suraj Kumar Gupta S/O Prabhu Shah, V semester B.Tech in Electrical Engineering Student Roll No.- 2124428 from I. K. Gujral Punjab Technical University (Main Campus), Kapurthala has successfully completed Industrial Internship and Training program in Substation Deration and Maintenance at IIT BHU for period of 6 weeks from 26/06/2023 to 10/08/2023.

During the training his conduct and performance were satisfactory.



ctric infrastructure Limited.

Head Department of Electrical Engineerin I K. Guiral Punjab Technical Univerpurthala-144006

Schneider Electric Infrastructure Limited Field Office: 22/11/XV SCADA Sobsizion IIT BHU, Vanzasi Pr- 2210' 1 MDUA, Phona: +91-6287285554 www.achreider-erka.in Registered Office: Mestave 87, Vadodara, Halol Highway, Wilage Kotawia, Post Office Jarod, Vadodara- 281 St 0, Gujarat, India







partite areas and press. A finiterrorance of backing findertaking :

HRD DEPARTMENT, KALYAN BHAWAN, JAGJIWAN NAGAR: DHANBAD 826003

मदर्भः श्रीसीमीएन / महा. प्र. (मा. मं. चि.) / VT / 2023/ 341

दिमाक: 30.08.2023

प्रशिक्षण प्रमाण पत्र /CERTIFICATE OF TRAINING

This is to certify that Mr. Vivek Kumar Yadav, roll no. 2124429, a B.Tech (Electrical Engg.) student of IKGPTU, Jalandhar has undergone summer/vocational training at 33 KV Sub-Station, Koyla Nagar, BCCL, Dhanbad for a period from 18.07.2023 to 25.08.2023.

This certificate is being issued on the basis of certification vide letter no. BCCL/KB/E&M/PS/2023-24/706 dated 25.08.2023 of Chief Manager (E&M), Koyla Nagar, BCCL, Dhanbad.

Chief Manage 'Mining) मख्य प्रबंधक (चनन) HRD, Kalyan 6: awan BCCL Dhanbad

Head Department of Electrical Engineerin I.K. Gujral Punjab Technical Univer-99urthala-144006

प्रभोषल कार्यालय: बोयना भवन कोयला नग, बीमोनीयल टाउनॉगर, प्रन्याद प्रारह्ण स्टब्स्ट्राठ, मंतन कोय 0.026-2236888: वेब्रगाट www.beckeeb.or Registered Office: Koyla Bhawan, Koyla Nagar, BCCL Township, Bhashad, Bharkhand-826903, India, t. IN-U101011H1972(GDDDRF) is

S. No. 7605/23 student of COPCH FACTORY KAP Kapurthala (Pb.) from 29.06/2023....to . 12.08/2023.... (...06....Weeks) Training COURGE I. K. G. PUNJAR TECHNICAL UNIVERSITY, KAPURTHALF 5th His/Her performance during the training was ... Outstanding... Gertificate 1100 I.K. Gujral Punjab Technical Univ Kosurthala-144006



No. HPSEBI/ESDS/E-2/2023-24- 18 56

Dated: 11-08-2023

CERTIFICATE

various systems substations, such as functioning of protection and control maintenance of battery systems, various type year roll No. 2224696) of Inder Kumar Gujral, Punjab Technical University, Kapurthala, Punjab has successfully completed industrial training/ project w.e.f. 03-07-2023 to 11-08-2023, during this period he was associated with of Earthing practices followed, maintenance of transformers, breaker, isolators, field visit of 132/66kV lines, Nitrogen This is to certify that Kuldeep, S/o Sh. Desh. Raj student of Electrical Engineer, (B. Tech 2nd Injection fire protection system of power transformer.

His overall performance and behavior during the training period was very good.

I wish every success and bright future for his life.

Electrical System Division, Sr. Executive Engineer, (Er. Puneet Kashyap)

(Er. Puneet Kashyap) Sr. Executive Engine Electrical System Di HPSEBL, Shimla-11.

Head Depart I K. Gujral Punjau Durthala=144006 Technical Univer.



Railway Govt. Contractor Mechanical, Electrical, Civil & General Order Supplier

GALI NO. 6, BABA DEEP SINGH NAGAR, VILL. DHUDIANWAL, RCF, KAPURTHALA-144 602 (PB.)

E-mail : ramgarhiaenterprises | 44@gmail.com

Ref. No.

Dared.....

M: 84370-35496

TO WHOM IT MAY CONCERNS

This is to certify that Mr. Mushtaque Ali S/O Dil Mohammad, Aadhar card 849850521799 was appointed in RAIL COACH FACTORY, KAPURTHALA, AC COACH INSTALLATION, L3T ECONOMY COACH ELECTRICAL PANNEL WIRING AND TESTING on JUNE 2023. During this period, his services were found to be satisfactory in carrying out of following duties:

Role duties and Responsibilities schedule wiring target, manage man power Ability to installation of wiring, lighting, switches, circuit breaker panel, relays.

He served the company from 29 JUNE 2023 to 12 AUGUST 2023, in the light of my Knowledge he is intellectual, hardworking and capable of working independently with self motivation we have no problem with him joining other company.

We wish him all the best in my future endeavors.

For RAMOARHI TERPRISES

PARINER Department of Electrical Engineerin K. Gujral Punjab Technical Univer-A Kaburthala=144006

Ref. No. Markadas	This Certificate of Training is Presented To <u>Nehn</u> S/o/ D/o <u>Urny Itumer</u> of <u>Tk Gurnal Rungah Technical Liniuenality</u> Main Gambus Kepueriti has Successfully completed his/her training on <u>PLC</u>	a hardworking. Training Incharge	 vprotechhead@gm wvw.vprotechdigita
		Head Department of Electrical Engine I IS Gujral Punjab Technical Uni Kerythala-144006	eerin Vers

Training were and they ...was under Training in "Technical Training Centre, Rail Coach Factory, student of Semester and year 3rd bearing roll no. 22.24.700 of .ELECTRI.CAL S. No. 7604/23 CORCH FACTORY KAPURY Kapurthala (Pb.) from .22/06/2023 to .12/08/2023 (...06. Weeks) College L.K.G. PUNJAB. TECHNICAL UNIVERSITY, KAPURTHALA of 544 His/Her performance during the training was Outstanding." Oentificate This is certified that Mr. Artiss PUSHPI. NDER RANA 1103 Engg/..... Head Department of Department of Electrical Engineerin I K. Gujral Punjab Technical Universion Opurthala-144006

has successfully completed Industrial Training Program from Rhiturui Sharma Baruah S/o Ratul Sharma Baruah This Certificate do hereby recognizes that Certificate 2 Innovation at every step... ISO 9901.2015 Certified Company Member Training Division ANZE Warned Departury Nor This hill of Technologies Par. Lid. Corporate Office S.C.F. 113. Phase XI, Nohe (Purgeb) PLC/SCADA 03rd July 2023 C THE WAY T'ELECTRONIC MALL MALL MALL 37723 11G Certified ANT N HONE STRAINS BOTS and bear STAL MAN THE OF ilb. 123357 A.445 ThinkNEXT Technologies Private nitea head Department of Electrical Engineerin ab Technical Univers LK Gujral Punjab Technical



Thunk NEXT

Ref. Ma TWT/C-23/11793 Scan and verify your Caribban Certificate Ibr143071

12th August 2023

Director

Turintita

for Thinkin DAT Technologies Pvt. Lie

Grade <u>1</u>

Obsertee

(a) Ounterruing (a) Excellent (c) Very Good (a) Gaod (c) Suithfactery

HIMACHAL PRADESH STATE ELECTRICITY BOARD LIMITED

(A State Govt. Undertaking) *Save Energy save Money*

- 1. Name of the Trainee: Mr. Saksham Sharma2. Roll No.: 22247033. Branch: Electrical Engineering
- 4. Period of Training : 26/06/2023 to 05/08/2023

5. Kindly fill in your assessment marks in the appropriate column.

S. No.	Evaluation Criteria	Total Marks	Marks Obtained
1.	Attendances Punctuality	10	10
2.	Job responsibility & Aptitude	10	8
3.	Project study & Data collection	10	9
4.	Behaviour & Attitude	10	9
5.	Feasibility of Project implementation	10	9
6.	Project Report/Presentation	10	10
	Grand Total	60	55

- 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 COMPETENT AUTHORITY

He

Department of Electrical Engineerin I.K. Gujral Punjab Technical Univer-Kaburtbala-144006

SEAL OF THE ORGANISATION

Assistant Engineer

Sub-Station Sub-Division



HIMACHAL PRADESH STATE ELECTRICITY BOARD LIMITED

(A State Government Undertaking)

TO WHOM IT MAY CONCERN

It is to certified that Mr. Saurav Sharma student of B-Tech./ Diploma/ITI/ Collage/ Electrical Engineer I.K. Gujral Punjab Technical University Kapurthala, Punjab under Roll No. 2224704 has undergone industrial training w.e.f. 28.06.2023 to 11.08.2023 at 33/11KV substation Khudla under Electrical Sub -Division HPSEBL, Baldwara, Distt. Mandi

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

Er. Rajeev Shukla Assistant Engineer (E), Electrical Sub-Division, PSEBL, Baldwara

Head Department of Electrical Engineerin I.K. Gujral Punjab Technical Univer-Purthala-144006

RAIL COACH FACTORY KAPURTHAL S. No. 7606 23 Certificate This is certified that Mr. Miss ... SIMRANJIT student of College I.K.G. PUNJAB TECHNICAL UNIVERSITY, KAPURTHALA of 5th His/Her performance during the training was ... Quitstanding ?! Training Carbanitator

Department of Electrical Engineerin K. Gujral Punjab Technical Univer-Wurthala=144006

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

No of pages: 02

Dated: 27-03-2024

Subject: Mid semester evaluation of training of Batch 2020 B.Tech. EE-8th semester

The students of Batch 2020 B.Tech.-EE are informed that Ref. IKGPTU/EE/Cir/03 Dated: 04-01-2024, the training of all students had been started wef. i.e. 8th January 2024. Accordingly, the mid semester internal evaluation (by Institute) schedule is appended as follows:

Sr.No	Roll No.	Name of student	Date and timings of viva
1	2022631	Abhimanu Thakur	3 rd April 2024/ wef 9:00 am
2	2022633	Adarsh Kumar	3 rd April 2024
3	2022634	Amanpreet Singh Sidhu	3 rd April 2024
4	2022635	Anuj Shukla	3 rd April 2024
5	2022636	Aryan	3 rd April 2024
6	2022637	Aryan Raj	3 rd April 2024
7	2022638	Britender Singh	
8	2022639	Chandan Singh	3 rd April 2024
9	2022641	Deepak Gupta	3rd April 2024
10	2022642	Himanshu Raj	3rd April 2024/wef 3 pm
11	2022643	Jaskaran Singh	3 rd April 2024
12	2022647	Kartik	3rd April 2024
13	2022648	Krishan Kant	3rd April 2024
14	2022649	Manish Sahani	5 th April 2024/wef 9 am
15	2022650	Md Arif Hussain	5 th April 2024
16	2022652	Ranjan Kumar	5 th April 2024
17	2022653	Sachin Kumar	5 th April 2024
18	2022654	Sahil Sharma	5 th April 2024
19	2022655	Sarbodhan Singh	5 th April 2024
20	2022656	Shamim Ahmed	5 th April 2024
21	2022657	Shubham Bharti	10th April 2024/wef 9 am
22	2022659	Sohan Lal	10 th April 2024
23	2022660	Sukhbir Singh	10 th April 2024 10 th April 2024
24	2022661	Sunny Kumar	10 th April 2024
25	2022662	Vikasdeep Singh Sidhu	
26	2124536	Akhil Jamwal	10 th April 2024
27	2124537	Ankit Sharma	10 th April 2024
28	2124538		10 th April 2024
29	2124539	Anuraj Kumar	10 th April 2024
30	2124539	Chander Mohan Shah Ishant Sharma	10 th April 2024
31	2124541		11th April 2024/wef 9 am
32	2124541	Kartik Sharma	11 th April 2024
	2124342	Kawaljot Kaur	11 th April 2024

Head Curth Department 7703/2025 ngineerin IK Gujrai Punjab Technical Univers

Kapurthala-144006

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

Circular

Subject: Internal and external evaluation schedule of Batch 2020 B.Tech EE for one semester training (BTEE-721-18)

The students of Batch 2020 B.Tech.-EE are informed that final end-semester internal evaluation of the trainings (BTEE-721-18) of all students will take place on dated 19th June 2024-Wednesday. Students are to report for their internal evaluation by presenting a PPT of 5 to 7 minutes, each student. Training reports/project reports and daily diary will also be checked.

Venue: F-212 Academic block-2 (CB-2)

Timings: 9: 30 am onwards

It is important to note that industry awards (for final-semester, both trainings each of maximum 25 marks as per applicable scheme of your batch) must be deposited with Dr. Akhil Gupta, AP-EE, of your training organization. Certificate of completion of both training must also be submitted.

In addition, PI note that, you have to

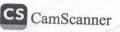
- Submit your 2 pass port size photographs with Mr Naveen Dogra TA-EE .
- Submit 2-xerox copies of training certificates (self-verified) with Mr Naveen . Dogra TA-EE
- Submit the filled feedback forms of B.Tech EE 8th semester to Mr Naveen Dogra and Mr Akashdeep Singh TA-EE
- · Registration forms 8th semester has already been forwarded by Ms Rita Rani SA-EE at your whatsapp number. Submit these filled forms to her on the day of internal evaluation, failing which internal and external examination of respective student shall not be conducted. Attach the semester fees receipt copy, with filled registration form. Hostel fees if pending, must be paid before evaluation. Admit cards of B. Tech EE 8th semester will be issued only for those 14 students who have cleared their all dues.
 - Admit cards can be obtained from Ms Rita Rani SA-HOD EE office. .
 - Students are advised to report one day advance to complete the abovementioned works at department.
 - External viva voce examination shall be conducted on 20th June 2024-Thursday.
 - Submit regular admit card of B. Tech EE 8th semester at the time of evaluation.

Head Head

Training and Placement Incharge

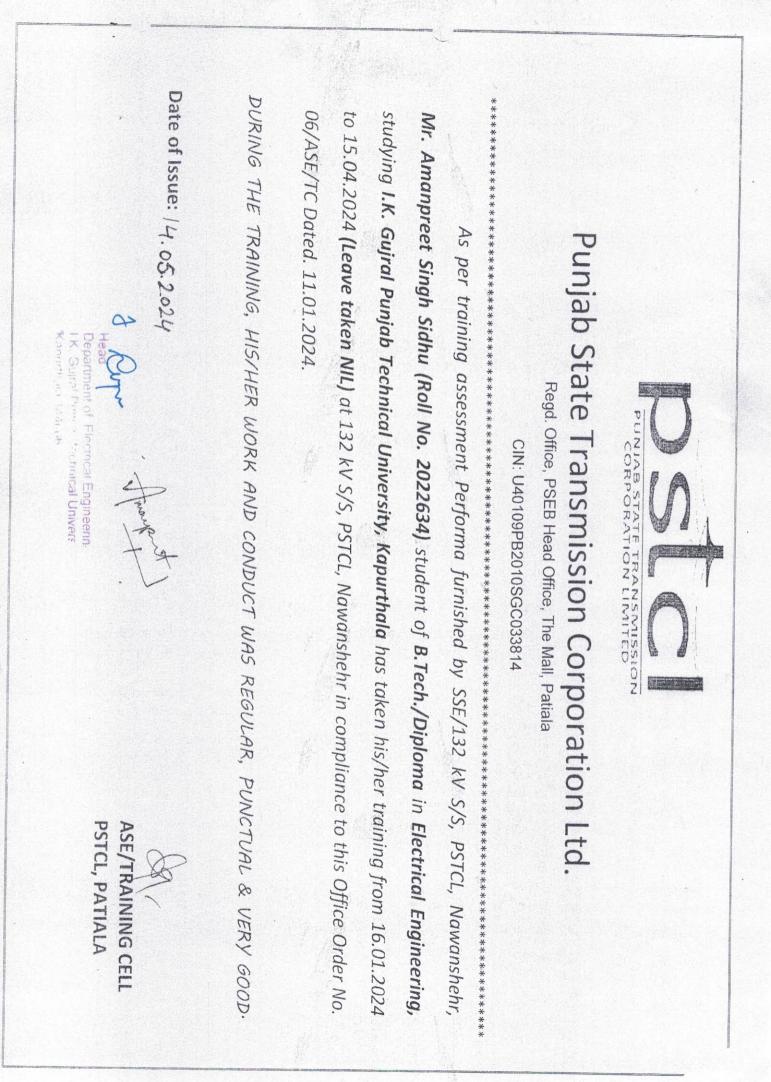
Dated: 13-06-2024

ment of Electrical Engineering I.K. Gujral Punjab Technical Univers Kapurthala-144006

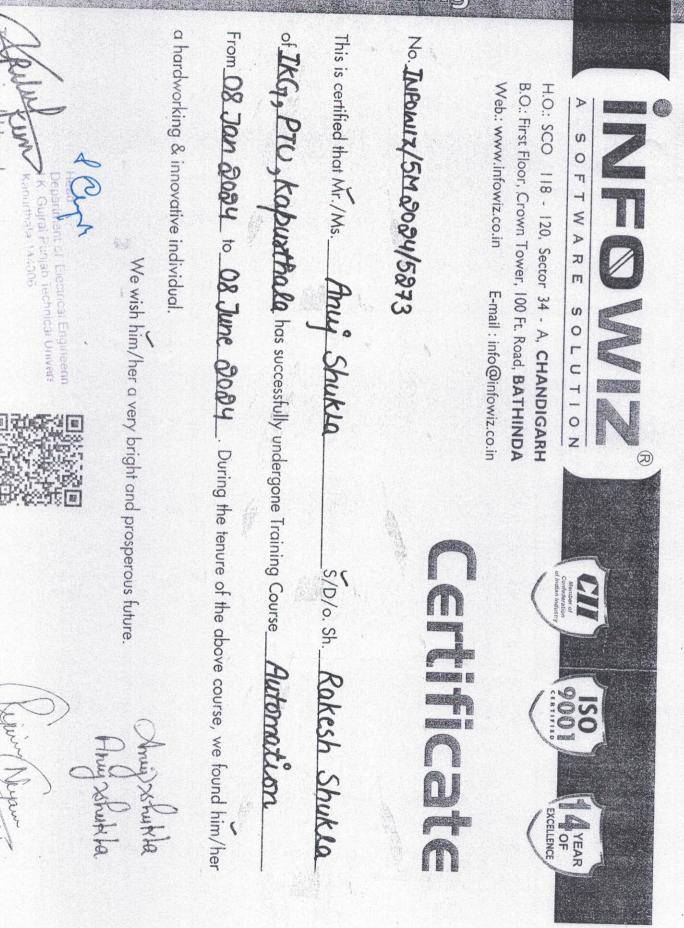


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ात्रीतित ate of aining Tr Chandigare : 0172 4567888, 98761 [3887, 9023] 00888 From 08 Jan 2024 to 08 June 2024. During the tenure of the above course, we found him/her a hardworking & innovative individual of Ika, PTU, Kapur Thale has successfully undergone Training Course Automation This is certified that Mr. / Ms. Abhimanyu Thakur S/D/o. sh. Ramesh Chand No. INFOWIX/5M 2024/4864 adulum a com Web.: www.infowiz.co.in B.O.: First Floor, Crown Towen, 100 Ft, Road, BATHINDA H.O .: SCO | 18 - 120, Sector 34 - A, CHANDIGARH 2 OFTWARE We wish him/her a very bright and prosperous future. E-mail : info@infowiz.co.in SOLU H - O N 8 Bathinda : 0164 5007088 90235 00888, 90236 00888 Managing Director HBYITHHAVEN 144KOK YEAR



Certificate Of Iraining



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Chandigarh ; 0172 4567888, 98761 13887, 90231 00888 Bathinda : 0164 5007089 90335 00888 90325 00889

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LUDHIANA DELHI Web: www.thekites.in Email: info@thekites.in	princal Engineerin Technical Universi Issued on	From Olst May' 2024 at (0605) Jalandhar	has successfully completed his/her training in <u>C++(so</u>	This is to certify that Aryan S/o Ashwini Kumar	HOMEDOE INFORMATION I FECHNOLOGY I EDUCATIONAL I SYSTEM	The	
	<u>024</u> m	to	vpleted his/her in <u>C++ (Softw</u>	tify that Kumar			
BILGA	Dírector	15th June' 2024	is/her C++ (Software Training)	0		Enrollment ID TKR20240581	
stupen	e Soor				· ·)



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HIMACHAL PRADESH STATE ELECTRICITY BOARD LIMITED

(A State Government Undertaking) "Save Energy for the betterment of Tomorrow" Registered Office: - Vidyut Bhawan, HPSEBL, Shimla-171004(H.P) Corporate Identity Number (CIN):- U40109HP2009SGC031255 Phone & Fax No. (ESD Tihra):- 01905-278014 Website: - www.hpseb.com, E-mail:- aeesdtihra17@gmail.com

TRAINING CERTIFICATE

It is to certify that Mr. Aryan S/o Sh. Ashwini Kumar (Roll No 2022636) Student of Principal Punjab Technical University Kapurthala has under gone attend the Industrial Training of 33/11KV Sub-Station, HPSEBL, Cholthara under this Sub Division w.e.f 01.01.2024 to 30.04.2024. He is present on the said period. His performance and conduct during the industrial training was very good. We wish him all the best for future Endeavour.

Training Coordinator Signature:- 244 Name of the training Coordinator:-Er. Ramesh Kumar Designation of the training Coordinator: - J.E Sub-Station Cholthara

> Signature of the Competent Authority (Seal of the organization)

Head (S) Department I K. Outral, Fungary, Tophnical University Kaourthala-144000

Date : 12/06/2024

Denamic Justifie of Automation & Controls

1.61/10.11

C-65, SECOND FLOOR , SEC-2 , NOID V. T.P. 201301

Ph No: 0120 4293137, 9953489987, E Mail: diacnoida a diac.co.in. www.diac.co.in

Controls, Noida branch starting from 05/01/2024 to 10/06/2024 AC MOTORS , AUTOCAD from , Dynamic Institute of Automation & PROGRAMMING, SCADA, VFD, HML RELAY LOGIC, PLC NETWORKING, This is to certify that ARYAN RAJ has undergome training on PLC







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EXCELLENCE

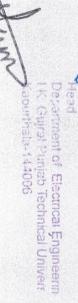
H.O.: SCO 118 - 120, Sector 34 - A, CHANDIGARH B.O.: First Floor, Crown Tower, 100 Ft. Road, BATHINDA Web.: www.infowiz.co.in E-mail : info@infowiz.co.in

No. INFOMIZ/2M 2024/4871

of Ikly, PTU, kapurthala has successfully undergone Training Course Automation From 01 March 2034 to 30 May 2024 . During the tenure of the above course, we found him/her This is certified that Mr./Ms. Builender Singh S/D/o. sh. Balder Singh

a hardworking & innovative individual.

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



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Bathinda : 0164 5007088, 90235 00888, 90236 00888

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Certificate of Training

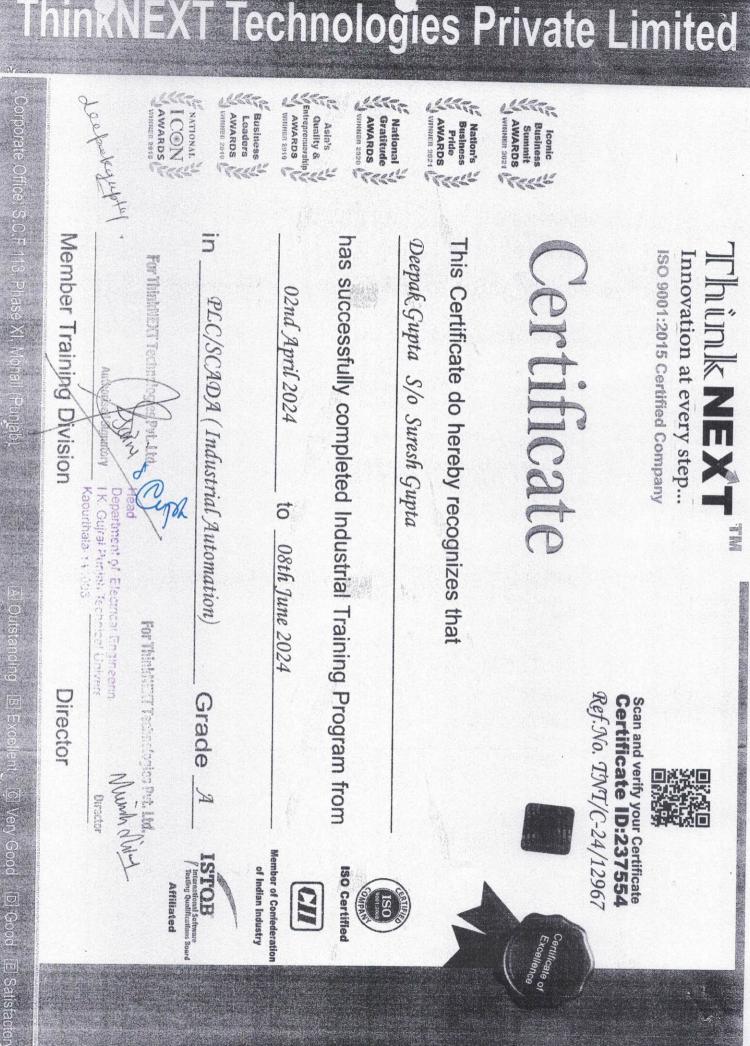


First Energy PVT. LTD.

M. 9814810025

rainee Inform			
lame	Chandan Singh	Date	14 th may 2024
ollege	I.K.G.P.T.U. Kapurthala		
epartement	Technical/Sales]	

Industrial Knowledge Uvork Quality Attendance/Punctuality Software Knowledge Communication				
& Burn	Electrical Engine	For Solar	First Energy P	rivate Limited



EXT Technologies Private Limited **A**



TO WHOM IT MAY CONCERNED

This is to certify that Mr. Deepak Gupta Roll No. 2022641 of B. Tech Electrical Engineering. He Has completed his industrial and Project training with our organization from 02.01.2024 to31.03.2024 (four Months). During his training period he took keen interest to understand the electrical drawings and production process of electrical panels and it's installation at site.

He have vast experience in the field of Installation, Testing and commissioning of 11KV VCB panels with breaker complete set

We wish him for his all success in future

Place: Delhi

Date: 01.04.2024

For: E Square switchgears Julawati Rd Authorize

deepekgupf,

1 Department of Electrical Engineerin K. Gujrat Punjab Technical Univers Kaourthala-144000

E Square Switchgears

RO: H-46, UPSIDC Phase – 1, Masoori Gulawthi Road, Industrial Area, Ghaziabad (U.P.) HO: A-2/202, Acharya Niketan Mayur Vihar Phase -1 Delhi – 110 091



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

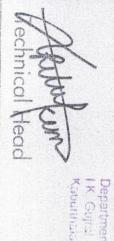


No. INFOMIZ/5M2024/5271

ining

Ira

a hardworking & innovative individual From 08 Jan 2024 to 08 June 2024 . During the tenure of the above course, we found him/her of IKG, PTU, Kapunthala has successfully undergone Training Course_ This is certified that Mr./Ms._ We wish him/her a very bright and prosperous future. Himanshy Ka S/D/o. sh. Anil Kuman Sah Automation Winnershur Rai



Certifi

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Mahaging Director Kuin (N)yam

Chandigarh :: 0172 4567888, 98761 13887, 90231 00888 Bathinda : 01'54 5007088, 90235 00888 90236 00888

Novem Controls

Plot No. 218, Ind. Area Phase-IX, Mohali-160062 Chandigarh (INDIA) Ph. : +91 172-5099200, +91 98153-58800 Fax : 0172-5099200 Email : novemcontrols@gmail.com Web : www.novemcontrols.com

PROVISIONAL CERTIFICATE

REF. NO: NCPL /2024/350

DATE: 15/05/2024

To The Director Training & Placement Officer

I.K. Gujral Punjab Technical University Jalandhar, Punjab 144603

Subject : Provisional Certificate for 6 Months Internship.

Dear Sir/Madam,

We, NOVEM CONTROLS (An ISO 9001:2008 Company) Confirm Internship of

Mr. Jaskaran Singh S/O Sh. Satpal Singh University Roll No. 2022643 of Electrical Engineering branch in our esteemed workstation and as per rule, we provide the Provisional Certificate for 6 Months Industrial Internship at our premises. His/her Internship have been started from January 2024 to June 2024.

Our endeavor will be to impart & enhance knowledge of the student.

Thanks & Regards

Pushkar Rawat (CEO)

NOVEM CONTROLS

Department of Electrical Engineerin I.K. Gujost Punjeh Technical Universi Kaourthala-144006

JasKaram Sty h



केन्द्रीय हस्त औजार संस्थान, जालन्धर CENTRAL INSTITUTE OF HAND TOOLS, JALANDHAR भारत सरकार की सोसायटी सूक्ष्म, लयु एवं मध्यम उद्यम मंत्रालय Government of India Society Ministry of Micro, Small & Medium Enterprises



CIHT/JAL/TRG/1819/24

Dated:10-06-2024

To Whom it may Concern

It is certified that Mr. KARTIK S/O SANJEEV KUMAR, having resident of B1 447, Gandhi Nagar, Jalandhar has doing his six month traning in course on "Master certificate course in Mechatronics" w.e.f. JAN/FEB to JUNE. The Certificate of the same will be awarded after

Course Co-ordinator CENTRAL INSTITUTE OF HAND FOR Government of Mora Society Ministry of Micro, Small & Medium Enterprises G.T. Road, Eve-Dee-Jelandhar-1 + 10 - Punjale.

CC: Mr. KARTIK S/O SANJEEV KUMAR

Departme int bit Electrics: Engineerin TK. Gujrot Punjou Technical Univers

Kaouthais-144006

G.T. Road Bye-Pass, Jalandhar-144 008 (Punjab) Phone : 0181-2290196, 2290225, 2290226, Telefax : 0181-2290457 E-mail : institute_jld@dataone.in Website : www.ciht.in





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



No. INFOMIX/5M 2024/5306

Training

This is certified that Mr./Ms. Kushna Kant

S/D/o. sh. Ramesh Sah

of IKG, PTU, Kaburthala has successfully undergone Training Course_ Hutomation

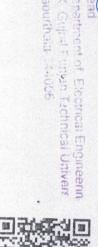
Of

From O& Jan 2024 to O& June 2024 . During the tenure of the above course, we found him/her

a hardworking & innovative individual

Certificate

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

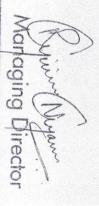


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Bathinda : 0164 5007088, 90235 00888, 90236 00888

Nectar Lifesciences Ltd.



CERTIFICATE

This is to certify that **Manish Sahani**, a student in final year of Bachelor of Technology from the department of Electrical Engineering, **I.K Gujral Punjab Technical University** completed his **5-month** (4^{th} of Jan – 10^{th} of June) Industrial and Software training from Nectar Lifesciences Ltd., Derabassi. Your dedication and hard work have been commendable. Throughout your internship, you consistently demonstrated exceptional skills, professionalism, and a strong work ethic. Your contributions to our organization have been invaluable.

We appreciate your efforts in successfully completing assigned projects and tasks. Your attention to detail, ability to meet deadlines, and high-quality work have been impressive. Thank you for your positive attitude and collaboration with the team. Your ability to work well with others and contribute to our success has been greatly appreciated,

We are confident that you have a bright future ahead. On behalf Nectar Lifesciences Ltd, we wish you every success in your future endeavors.

We wish him all the best for the future endeavors.

Kind regards, .

when the lang

Er. Nitish Kumar Pandey Manager (Engineering and Maintenance) Training Officer

Department of Electrical Engineerin K Gujrel Primjab Technical Univers Naburthala-144005







Date: - 24/05/2024

TO WHOM IT MAY CONCERN

This is to certify that Mr. MD Arif Hussain S/O Shri. Faiyaz Ali of IK Gujral Punjab Technical University, Kapurthala having University Roll No. 2022650 is undergoing 6 months Industrial Training in Web Development, C++ from our esteemed organization.

His starting date of Training was 12th January, 2024 and the same will continue till 12th July, 2024.

Our Endeavor will be to impart & enhance the knowledge of the student.

Thanks & Regards

Kamal Jot Kansa Director HS12D Sector 34-A, CHANDIGARH INFOWIZ SEATSEE DEED CORRECTORED

Department of Electrical Engineerin-UK Guiral Punjal Technical Universi Kabunnata-144008

Here the future begins



SCO 118-120, Basement, Sector - 34 A, C/ANDIGARH Phone : 0172-4567888 Mobile : 090234-00888 Web : www.infowiz.co.in Email : info@infowiz.co.in

19.06.24



HONDA

The Power of Dreams

CHETIWAL HONDA MOTORS

GANGAPUR ROAD, NADOTI, KARAULI (RAJ.)

Date : 10/06/2024

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr. RANJAN KUMAR,

a student of B.Tech. 4nd year Electrical Engineering of

I.K. Gujral Punjab Technical University-Kapurthala, Punjab

has done his internship in our organization

from 3TH March 2024 to 7th June 2024.

As a part of his curriculum training period of more then 90 days, he has worked with the Engineers Team as a Assistant Mechanic at the center and has contributed significantly in the various services provided to the customer. He was punctual and sincere as well as have a good personality to handle the customer.

We wish him the very best for all his future endeavors.

Lanjan

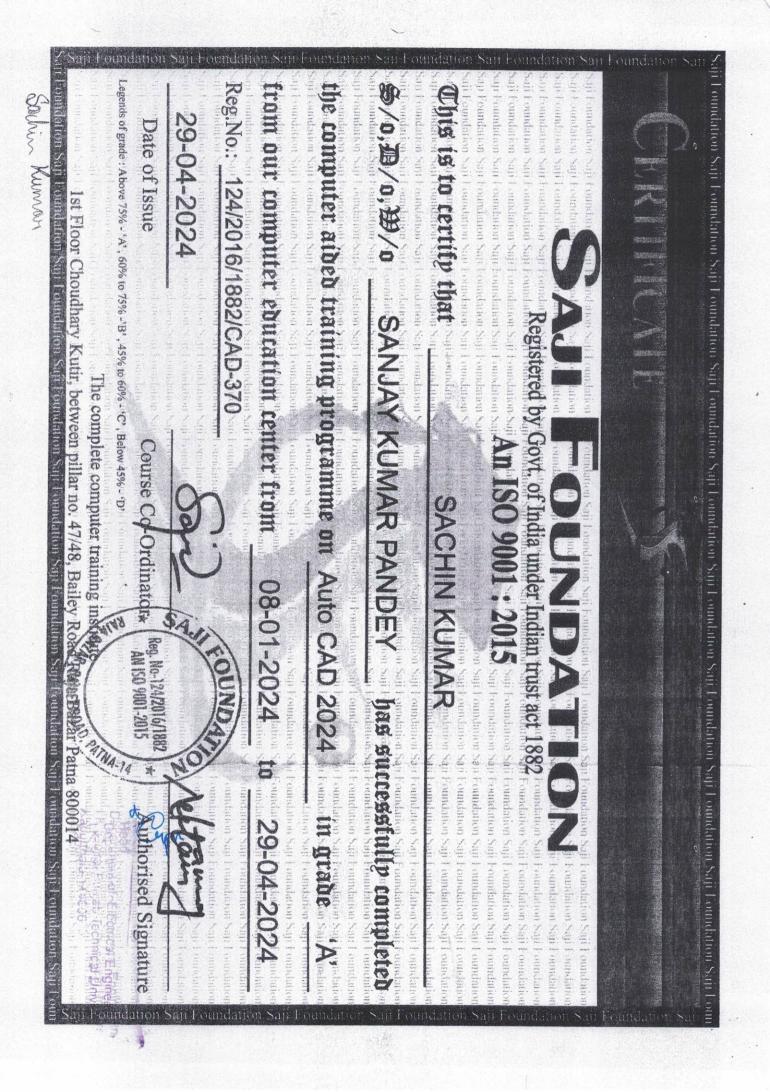
Department of Electrical Engineerin K. Guiral Puniab Technical Univers Kapurthala-144006

curical Engineerin echnical Univer: GANGAPUR ROAD, NADOTI, KARAULI (RAJ.) 322215 M +919783727052, +918058971236

Registered Auto Agency : Prakash Motors Kumer Gate, Circular Rd, Bharatpur, Rajasthan 321001

MAN TRANSP We wish him every success. 02.03.2024. During the training period his performance was good. has attended practical training on SCADA/EMS under this office during 02.01.2024 to TECHNICAL UNIVERSITY, PUNJAB Branch ELECTRICAL ENGINEERING Certified that Mr. RANJAN KUMAR IN year student of IKG PUNJAB No. RVPN/SE (SSDA-SLDC)/XEn-1 (SSDA-SLDC)/F. /D. 598 **RAJASTHAN RAJYA VIDYUT PRASARAN NIGAM LIMITED OFFICE OF THE SUPERINTENDING ENGINEER (SSDA-SLDC)** Department of Electrical Engineerin I.K. Gujrał Punjab Technical Univers Kaourthala-14/006 State Load Despatch Centre, Ajmer Road, Heerapura, JAIPUR -302 024 To whomsoever it may concern Regd. Off.: Vidyut Bhawan, Jyoti Nagar, Jaipur-302 005 Phone: P&T(141)2251290 Fax: (141)2251278 (An ISO 9001-2015 Certified Company) EXECUTIVE ENGINEER -1(SSDA-SLDC) Executive Engineer-1 (SSDA-SLDC) Dated: 18 03 24

RVPN, HEERAPURA, JAIPUR



A S O F TWARE SOLUTION R

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

No. Tofomia / SN2024/4868

EXCELLENCE YEAR

This is certified that Mr./Ms. Sahil Sharmo

S/D/o. Sh. Sanjeev Kumar

of TKG. PTV. Debuythale has successfully undergone Training Course Automation (Handware) From 8 Jan, 2024 to 8 June 2024 . During the tenure of the above course, we found him/her (Software)

a hardworking & innovative individual.



Department of Electrical Engineerin

Technical Univers

Head

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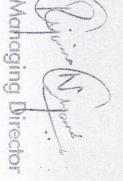
We wish him/her a very bright and prosperous tuture.

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Kaburthala-144008

K. Gujrat Punjab



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Certificate Of Traimi ng



GSTIN : 03AATCS6726M1ZP SOLAR FIRST ENERGY PRIVATE LIMITED

Deals in : Solar Power Equipments, Electrical Goods, Batteries etc.

SCF-45, Phase-1 Market, Urban Estate, Jalandhar - 144 022 (Punjab) India e-mail : solarfirstenergy@gmail.com Web : www.solarfirst.in

TO WHOM SO EVER IT MAY CONCERN

Date: -14th May - 2024

sharnin Armed

This is Certified that Mr. Shamim Ahmed, S/o Shri. Jamil Ahmed, University Roll No.-2022656- B.Tech- EE, Student of IKG PUNJAB TECHNICAL UNIVERSITY (MAIN CAMPUS), KAPURTHALA, PUNJAB has done Industrial Training at Solar First Energy Private Limited from 01st January-2024 to 11th March – 2024.

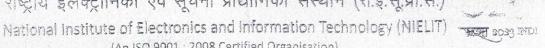
Regards,

For Solar First Energy Private Limited.

no. Sciar First Energy Private Limited aw un. Signatory

(Authorized Signatory)

0 Department of Electrical Engineerin 1 K. Gujral Punjab Technical Univers Kaourthaia 144006



Digter inch

(An Autonomous Scientific Society under Ministry of Electronics and Information Technology (* arty), Government of india: पटना केन्द्र / Patna Centre

राष्ट्राय इलक्ट्रानिका एव सूचना प्राचागका संस्थान (स.इ.सू.प्रा.स.)

(An ISO 9001 : 2008 Certified Organisation) (इलेक्ट्रॉनिकी एवं सूचना प्रौद्योगिकी मंत्रालय, भारत सरकार की एक खायल वैज्ञानिक संस्था)

Date-14/06/2024

CERTIFICATE

This is to certify that Shubham Bharti, a student in the final year of Bachelor of Technology from the department of Electrical Engineering, I.K.G.P.T.U., Jalandhar is doing an internship at NIELIT Patna from 7th March 2024. During his term as an intern, he learned about IoT, AI/ML and it's implementation. He is working on "Smart battery management system for electric vehicle" and he has been sincere for his work since beginning.

On behalf of NIELIT Patna we wish him all the best for his future career.

Ankit Kumar HoD. Electronics NIFLIT Patna

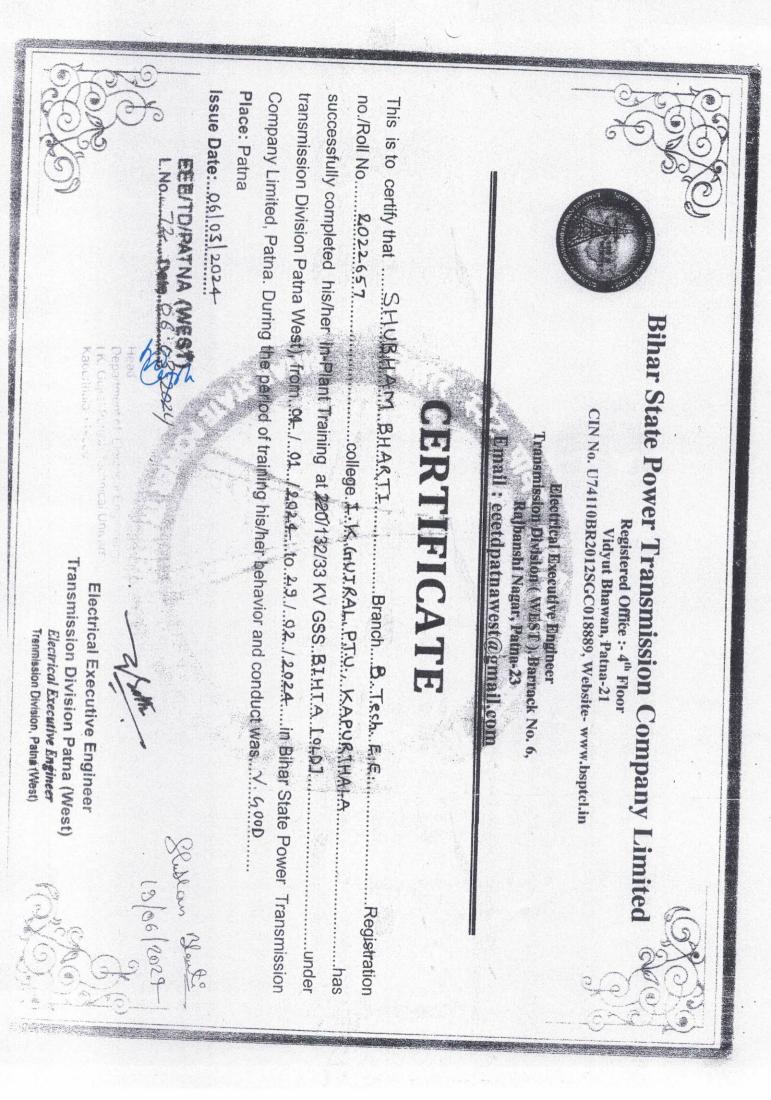
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Department of Electrical Engineerin 1 K. Guiral Funjati Technical Univers Kaourthalb-144006

Sustan Backi 13/06/2027

मुख्यालय भुदेह : दूरभाष/Phone: +91-11:25308300 with 29	नाइलिंट भवन, प्लॉट नंद-3, पी.एस.पी. पॉकंट, इंस्टीटयूशनल एरिया, संक्टर-8, द्वारका, नई विल्ली-11007 NIELIT Shawan, Plot No3, PSP Pocket, Institutional area, Sector-8, Dwarka, New Delhi - 110077 Lines कैक्स/Fax: +91-11-24363335	7 वेबसाइट/Website- http://www.nielit.gov.in	
दूरभाष/Phone: +91-6115-235318	वेवसाइट/Webaka- http://www.nielit.gov.in/patna	ईमेल/E-mail-patna@nielit.gov.in	
पता Address :	नाइलिट पटना केन्द्र आई. आई. टी., पटना के समीप, अमहारा, बिहटा, पटना–801106 (बिहार) NIELIT Patna Centre , Near IIT Patna, Amhara, Bihta, Patna–801106 (Bihar)		

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केन्द्रीय हस्त औज़ार संस्थान, जालन्धर CENTRAL INSTITUTE OF HAND TOOLS, JALANDHAR भारत सरकार की सोसायटी सुक्ष्म, लघु एवं मध्यम उद्यम मंत्रालय Government of India Society Ministry of Micro, Small & Medium Enterprises



CIHT/JAL/TRG/1819/24/

Dated:10-06-2024

To Whom it may Concern

It is certified that Mr. Sohan Lal S/o Sh. Mukesh Kumar, having resident of HN 26, ishawar Nagar Distt. Jalandhar has doing his six month training in course on "Master certificate course in Mechatronics" w.e.f.JAN/FEB to JUNE. The Certificate of the same will be awarded after completion of course.

Course Co-ordinator

CENTRAL (M'rg) Government of Action Charles Ministry of Micro Charles G.T. Road, Eye-Sens Jelandhar-146000 (Punjab)

CC: Mr. Sohan Lal S/o Sh. Mukesh Kumar

Department of Electrical Engineerin LK Guiral Publiab Technical Univers Kaourmala-134006

Sohan lal

G.T. Road Bye-Pass, Jalandhar-144 008 (Punjab) Phone : 0181-2290196, 2290225, 2290226, Telefax : 0181-2290457 E-mail : institute_jld@dataone.in Website : www.ciht.in

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Certificate of Training

Authorised Signatory of IKG, PTU, Kapus Inala has successfully done more than One Hundred and Twenty Hours (120 hrs.) This is to certify that Mr. / Ms. Vikasdeep Singh Sidhu S/D/o. Sh. Kuldup Singh Sidhu During the tenure of the above course, we found him/her a hardworking & innovative individual. on _ Rubukum Automation We wish him/her a very bright and prosperous future. I KeGujral Penjap Technied Wilkestin Kabunhdia-144000 - sonnical Univers Department of Electrical El Kaounnaia- i Anusb いたが、「たちちちちん」というので、 ISO Certification from 08 Jan 2024 Nutesouphy L Audur to 08 June 2024 No INFOMIX/SM2024/5 **Managing Director** OF EXCELLENCE

Chandi of **Tk6**. **21 U Kabuuthala** has successfully undergone Training Course_ a hardworking & innovative individual From 09 Abril and to 08 June and During the tenure of the above course, we found him/her This is certified that Mr./Ms._ No. Inforda / BH down / 4887 Web.: www.infowiz.co.in B.O.: First Floor, Crown Tower, 100 Ft. Road, BATHINDA H.O.: SCO 118 - 120, Sector 34 - A, CHANDIGARH h: 0172 4567888, 98761 13887, 90231 00888 2 S 0 Π -W A Arril Jamual 2 Asimo We wish him/her a very bright and prosperous future. m E-mail : info@infowiz.co.in Akher Jamwal 5 OLU -- 0 Z 3 Bathinda : 0164 5007088, 90235 00888, 90236 00888 S/D/o. Sh. Kam Suyh Jamual Kaourthala-144005 I.K. Gujral Punjsb Technical Univers Department of Electrical Engineerin read Thomation (000) SO Managing Director EXCELLENCE YEAR OF

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ef No. SE-INIT-2024-032

Dated 11/06/2014

TO WHOM SO EVER IT MAY CONCERN

his is to certify that Chander Mohan Shah, student of B. Tech (Electrical Eng.) oll No. 2124539 in B.Tech Electrical Engineering from I. K. Gujral Punjab echnical University, Kapurthala (Punjab) has successfully completed the dustrial & Software training at **Shiv Electrical Works** on wef 10/01/2024 to D/06/2024 in partial fulfillment of requirement of B. Tech in Electrical ngineering.

We wish him success in all future endeavours.

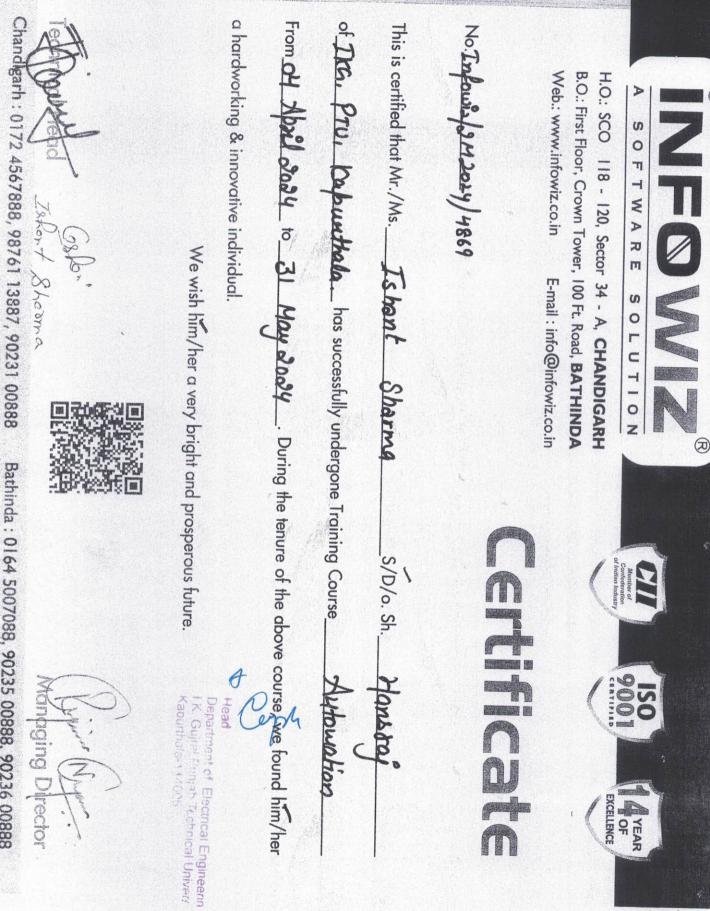
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Department of Electrical Engineerin T.K. Gujral Punjat Technical Univers Kaourthala-114005





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a hardworking & innovative individual of Tran. Ptu. Cabusthala. has successfully undergone Training Course. From 02 April 2024 to 31 May 2024 . During the tenure of the above course, we found him/her This is certified that Mr./Ms._ No. Trylown Jon 2024 4865 Web.: www.infowiz.co.in B.O.: First Floor, Crown Tower, 100 Ft. Road, BATHINDA H.O.: SCO 118 - 120, Sector 34 - A, CHANDIGARH 2 S 0 וד TWARE Department of Electrical Engineering Caounthala-144000 K. Gujrat Punjab Technical Univer We wish him/her a very bright and prosperous tuture. E-mail : info@infowiz.co.in SOLUTION Kayfik Sharma R 2.10 S/D/o. Sh. Kales CERTIFEE OSI Nutowation Nor EXCELLENCE YEAR OF donatits Kadik Shann

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Certificate Of Training a hardworking & innovative individual From O2 Jon Lovy to Of June Jody . During the tenure of the above course, we found him/her of Ich , PTU, Cabuudhala. has successfully undergone Training Course Automation This is certified that Mr./Ms._ No Inford SH2024/4970 B.O.: First Floor, Crown Tower, 100 Ft. Road, BATHINDA Web.: www.infowiz.co.in H.O.: SCO 118 - 120, Sector 34 - A, CHANDIGARH S 0 4567888, 98761 13887, 90231 00888 TWA R We wish him/her a very bright and prosperous future. Navinder kraun E-mail : info@infowiz.co.in S OLUTION (7) Bathinda : 0164 5007088, 90235 00888, 90236 00888 72 _S/D/o. Sh. Hardial Skyd 1K. Gujial Purjeb rechnical Univer Department of Electrical Engineer-Naourhala-144006 Head Managing Director Softwar Handwa Nauinder

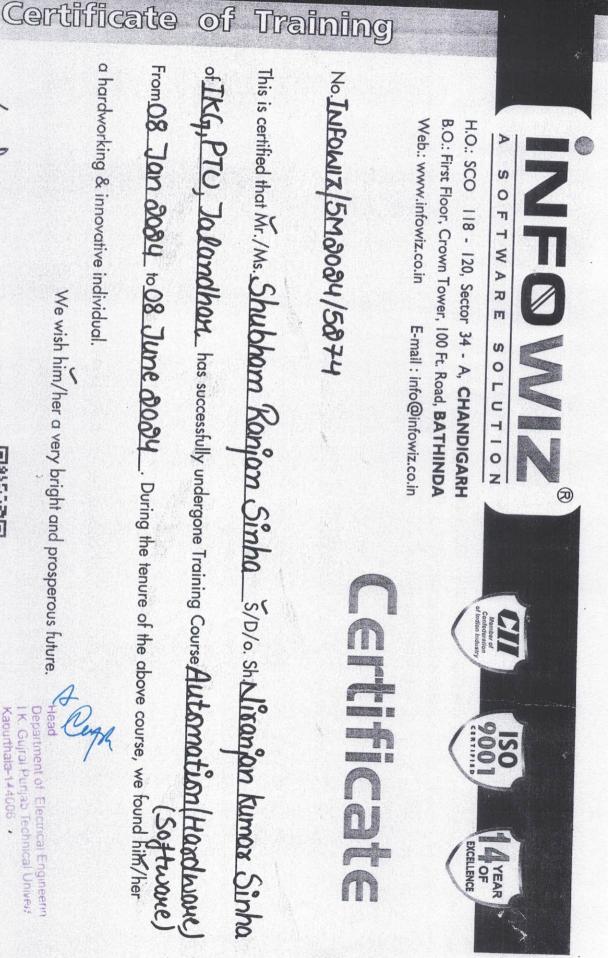
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of TKG, PTU, Cobuuthala. has successfully undergone Training Course_ Chandigarh : 0172 4567888, 98761 13887, 90231 00888 a hardworking & innovative individual. From 02 Jane 2024 to 31 May 2024. During the tenure of the above course, we found him/her This is certified that Mr./Ms._ No Jafow? + Jon 1024/4873 Web.: www.infowiz.co.in B.O.: First Floor, Crown Tower, 100 Ft. Road, BATHINDA H.O.: SCO 118 - 120, Sector 34 - A, CHANDIGARH 2 SOFTWARE 1000 We wish him/her a very bright and prosperious tuture. Noppil Sharma E-mail : info@infowiz.co.in SOLUTION Bathinda : 0164 5007088, 90235 00888, 90236 00888 Department of Electrical Engineerin 1 K. Guirst Purster Technical Univers. Kapurthals-1440 S/D/o. Sh. Jara Managing Director Auto mation. chand When the shares EXCELLENCE VEAR

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Chandigarh : 0172 4567888, 98761 13887, 90231 00888 a hardworking & innovative individual. of JKG. PTV. Kapunthala has successfully undergone Training Course Automation (Handman) From & Jan. 2024 to & June Dody . During the tenure of the above course, we found him/her This is certified that Mr./Ms._ No. Infaniz/5H2024/4872 A Head Web.: www.infowiz.co.in B.O.: First Floor, Crown Tower, 100 Ft. Road, BATHINDA H.O.: SCO 118 - 120, Sector 34 - A, CHANDIGARH SOFTWARE Department of Electrical Engineer-TK. Gujral Punjsb Technical Univert Head Kaourthaia-144000 We wish him/her a very bright and prosperous tuture. E-mail : info@infowiz.co.in SOLUTION Traffwal Singh R Bathinda : 0164 5007088, 90235 00888, 90236 00888 S/D/o. sh. Dalut lathanig anaging Ditector MANNE (Soffware TVOS SWAL SINGH EXCELLENCE YEAR





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