## **SUPPORTING DOCUMENT FOR 1.3.3**

Percentage of students undertaking project work/field work/ internships

# **INDEX**

S.No	Department	Page No.	
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Semester Industrial Training (During 8th Semester)



# Khalsa College of Engineering & Technology





Accredited By NAAC Grade "A"

## DEPARTMENT OF CIVIL ENGINEERING

# List of students who enrolled for Six months Industrial Training

S.No	Roll No.	Semester	Name of student	Company Name
1	2005508	8th	Ajay Singh	SICCES PVT LTD G-17-G20 Murlibhawan, 10A, Ashok marg near Sriram tower Hazratganj, Lucknow. 226001
2	2005510	8th	Atul Sharma	Training location: Water treatment plant (Vallaah) under ASCL Project
3	2005511	8th	Charanjit Singh	Satnam Construction
4	2005512	8th	Jaideep Singh	Satnam Construction
5	2005513	8th	Karan Bhagat	Training location: Water treatment plant (Vallaah) under ASCL Project
6	2005514	8th	Kiratjit Singh	Satnam Construction
7	2005515	8th	Parmindergurpal Singh	Satnam Construction
8	2005516	8th	Sukhmani Singh	National Highway Authority of India PIU NHAI Amritsar Project - Amritsar Bypass
9	2005517	8th	Tarundeep Singh	Satnam Construction

Er. Ravinder Kaur

**ATPO** 

Er. Sahil Sharma H.O.D (CE)



# Khalsa College of Engineering & Technology ਖ਼ਾਲਸਾ ਕਾਲਜ ਆਫ਼ ਇੰਜੀਨੀਅਰਿੰਗ ਐਂਡ ਟੈਕਨੋਲੋਜੀ Governed by Khasla College Charitable Society, Amritsar, Estd. 1892 Approved by AlCTE, New Delhi & Affiliated to IKG Punjab Technical University, Jalandhar (Govt. of Punjab)



Accredited By NAAC Grade "A"

# **DETAIL OF INDUSTRIAL TRAINING STUDENTS BATCH 2020-23**

S.No	Roll No.	Name of student	Sem	Branch	Name of the Company	Name of the employer	Mail ID of employer	Contact No. of Employer
1	2005508	Ajay Singh	8th	B.Tech CE	SICCES PVT LTD G-17-G20 Murlibhawan, 10A, Ashok marg near Sriram tower Hazratganj, Lucknow. 226001	Ranjeeta Jain	ranjeeta.jain@sicces.co.in	9919990601
2	2005510	Atul Sharma	8th	B.Tech CE	Training location: Water treatment plant (Vallaah) under ASCL Project	Prem	prem123@gmail.com	9988449490
3	2005511	Charanjit Singh	8th	B.Tech CE	Satnam Construction	Satnam Singh	satnamconstruction25@gmail.com	9988002167
4	2005512	Jaideep Singh	8th	B.Tech CE	Satnam Construction	Satnam Singh	satnamconstruction25@gmail.com	9988002167
5	2005513	Karan Bhagat	8th	B.Tech CE	Training location: Water treatment plant (Vallaah) under ASCL Project	Prem	prem123@gmail.com	9988449490
6	2005514	Kiratjit Singh	8th	B.Tech CE	Satnam Construction	Satnam Singh	satnamconstruction25@gmail.com	9988002167
7	2005515	Parmindergurpal Singh	8th	B.Tech CE	Satnam Construction	Satnam Singh	satnamconstruction25@gmail.com	9988002167
8	2005516	Sukhmani Singh	8th	B.Tech CE	National Highway Authority of India PIU NHAI Amritsar Project - Amritsar Bypass	Abdulla Khan	nhaipiuamritsar@gmail.com,ronhaich	9871848768
9	2005517	Tarundeep Singh	8th	B.Tech CE	Satnam Construction	Satnam Singh	satnamconstruction25@gmail.com	9988002167

Er. Ravinder Kaur

**ATPO** 

Er. Sahil Sharma H.O.D (CE)



# Certificate of Completion



N · AutoCAD for Civil & Architecture

AWARDED TO : AJAY SINGH DURATION: 60 Hours

AT CADD MANTRA, Hazratgani, Lucknow

DURING : 15th Jan,24 to 25th Feb,24 STUDENT ID: CM2401150951

MANAGING DIRECTOR



28th Feb,24

DATE OF ISSUE

## PLEASE SCAN THE QR CODE TO VERIFY THE CERTIFICATE.

The comprehensive and high-quality courses provided involve training participants in the latest technology by experienced and skilled instructors.

(Division of SICCES PVT. LTD.)



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**Corporate Office** 

SICCES PVT. LTD.

G-17 to G-20, Murli Bhawan, 10-A Ashok Marg, Lucknow - 226001

कार्यालय अधिशासी अभियन्ता, ग्रामीण अभियन्त्रण विभाग, प्रखण्ड- शाहजहाँपुर। पत्रांक १,५० /ग्रा०अ०वि०/प्रशिक्षण/2024-25 दिनांक :- २५-०८-२५

# प्रमाण-पत्र

प्रमाणित किया जाता है कि श्री अजय सिंह पुत्र श्री दिनेश कुमार रावत ने दिनांक 01.03.2024 से 22.05.2024 तक सिविल इंजीनिरिंग का प्रशिक्षण प्राप्त किया। इनके उज्जवल भविष्य की कामना करता हूँ।

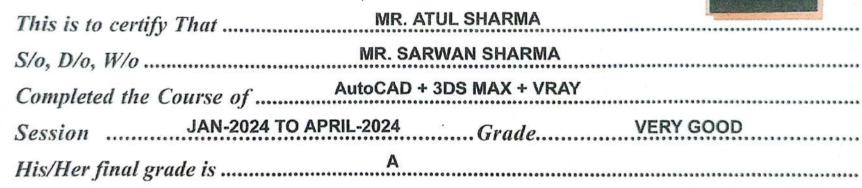
> अधिशासी अभियन्ता ग्रामीण अभियन्त्रण विभाग प्रखण्ड—शाहजहाँपुर।

# R PROFESSIONAL CAPP INSTITUTE (REGD.) (An Institute of CAD/CAM Technology)

AN ISO 9001:2015 Certified Institute

# Certificate

Registration No. ARPCI/1135/2024



Issue Date : . . . 19/04/2024

Place: Amritsar











## AMRITSAR SMART CITY LIMITED

(An initiative of Govt. of India, Govt. of Punjab & ULB)

Comm. Add.: Maharaja Ranjit Singh Panorama, Company Bagh,

Mall Road, Amritsar - 143001, Puniab, India.

Regd. Add. : Municipal Corporation Building, C-Block, Ranjit Avenue,

Amritsar - 143001, Punjab, India.

CIN: E-mall: U74999PB2016SGC045925 smartcity.asr@punjab.gov.in

Ref.: CEO/ASCL/2024/ 28



Date: 4/4/27

# TO WHOMSOEVER IT MAY CONCERN

This is to certify that ATUL SHARMA a graduate of KHALSA COLLEGE OF ENGINEERING & TECHNOLOGY has successfully completed Internship with Amritsar Smart City Limited from 02-01-2024 to 29-03-2024. During the period of Internship, worked and assisted the Amritsar Smart City Limited in rescarch/dcsign/fieldwork related to Civil with due diligence and commitment.

For Amritsar Smart City Limited, Amritsar

Amritsar Smart City Ltd.



# R PROFESSIONAL GADD INSTITUTE (REGD.)

(An Institute of CAD/CAM Technology)

AN ISO 9001:2015 Certified Institute



Registration No. ARPCIN13312024

This is to certify That

Session JAN-2024 TO APRIL-2024 Grade. VERY GOOD

His/Her final grade is ......

Issue Date: 19/04/2024

Place: Amritsar













# SATNAM CONSTRUCTIONS CO.

RESIDENTIAL AND COMMERCIAL PROJECT

Date: 23-04-2024

# Internship Training Certificate

This is to certify that Mr. Charanjit Singh s/o S. Raghubir Singh final year student of B-Tech Civil Engineering from Khalsa College of Engineering and Technology, Ranjit Avenue, Amritsar has successfully completed his training of three months in our various projects.

He completed his training on civil construction i.e. building work, piling work, structure work and also learns software Auto-Cad for making drawings. His performance has found to be good. He has good designing and planning capabilities. I appreciate his hard work, punctuality, honesty and integrity towards his work. His behaviour has found to be satisfactory.

I wish him all the best in his future endeavours.

For Satnam Construction Co.

For

Satnam construction co.





# SATNAM CONSTRUCTIONS CO.

RESIDENTIAL AND COMMERCIAL PROJECT

Date: 23-04-2024

# Internship Training Certificate

This is to certify that Mr. Jaideep Singh s/o S. Narinder Singh final year student of B-Tech Civil Engineering from Khalsa College of Engineering and Technology, Ranjit Avenue, Amritsar has successfully completed his training of three months in our various projects.

He completed his training on civil construction i.e. building work, piling work, structure work and also learns software Auto-Cad for making drawings. His performance has found to be good. He has good designing and planning capabilities. I appreciate his hard work, punctuality, honesty and integrity towards his work. His behaviour has found to be satisfactory.

I wish him all the best in his future endeavours.



For

Satnam construction co.

Raj Kumar Verma (Architect)

# **KUMAR ASSOCIATES**

ARCHITECTS & ENGINEERS

Building Designer, Estimator, Valuers.

Er. Aman Verma (Civil Engg.)
Er. Rahul Verma, B.Tech.(Civil Engg.)

(Member Council of Engineers & Valuers)

Membership No.CEV/SM/1111/CIVIL

Ref.no. 191 2: 24 27

Dated (7/05/2027

# CERTIFICATE OF TRAINING

This is to Certified That Mr. Jaideep Singh S/o Narinder Singh Having Roll No. 2005512, Final Year Student of B.tech Civil Engineering From Khalsa College of Engineering & Technology, Amritsar has Successfully Completed his Software Training from 18-03-2024 to 15-05-2024. He has learnt AutoCAD Software for making Drawings according to Client's requirement. His performance has found to be good. He has good designing and planning capabilities. I appreciate his hard Work, Honesty and integrity towards his work. His behavior has found to be satisfactory.

Regards



For Kumar Associates & donsultants

Off:- 4, Tehsil Complex Abohar (Punjab) Sitto Road, 8-Sunder Nagri, Abohar (Pb)

Mob. 9814598332, 9878903769

Email:- Kumar98332@gmail.com



## AMRITSAR SMART CITY LIMITED

(An initiative of Covt. of India, Govt. of Punjab & ULB)

Comm. Add.: Maharaja Ranjit Singh Panorama, Company Bagh,

Mall Road, Amritsar - 143001, Punjab, India.

Regd. Add. : Municipal Corporation Building, C-Block, Ranjit Avenue, Amritsar - 143001, Punjab, India.

CIN: U74999F

U74999PB2016SGC045925 smartcity.asr@punjab.gov.in

Ref.: CEO/ASCL/2024/ 2-7-



Date: 4/4/24

# TO WHOMSOEVER IT MAY CONCERN

This is to certify that KARAN BHAGAT a graduate of KHALSA COLLEGE OF ENGINEERING & TECHNOLOGY has successfully completed Internship with Amritsar Smart City Limited from 02-01-2024 to 04-04-2024. During the period of Internship, worked and assisted the Amritsar Smart City Limited in research/design/fieldwork related to Civil with due diligence and commitment.

For Amritsar Smart City Limited, Amritsar

Amritsar Smart City Ltd.



# A R PROFESSIONAL CADD INSTITUTE (REGD.)

(An Institute of CAD/CAM Technology)

AN ISO 9001:2015 Certified Institute

# Certificate

Registration No. ARPCH1137/2024



S/o, D/o, W/o ......MR. DESHRAJ

Completed the Course of ...... AutoCAD + 3DS MAX + VRAY

Session JAN-2024 TO APRIL-2024 \* VERY GOOD

Issue Date : ..... 19/04/2024

Place: Amritsar











# SATNAM CONSTRUCTIONS CO.

RESIDENTIAL AND COMMERCIAL PROJECT

Date: 23-04-2024

# Internship Training Certificate

This is to certify that Mr. Kiratjit Singh s/o S. Sarabjit Singh final year student of B-Tech Civil Engineering from Khalsa College of Engineering and Technology, Ranjit Avenue, Amritsar has successfully completed his training of three months in our various projects.

He completed his training on civil construction i.e. building work, piling work, structure work and also learns software Auto-Cad for making drawings. His performance has found to be good. He has good designing and planning capabilities. I appreciate his hard work, punctuality, honesty and integrity towards his work. His behaviour has found to be satisfactory.

I wish him all the best in his future endeavours.

For Satnam Construction Co.

Prop.

For

Satnam construction co.

Raj Kumar Verma (Architect)

# **KUMAR ASSOCIATES**

ARCHITECTS & ENGINEERS

Building Designer, Estimator, Valuers.

Er. Aman Verma (Civil Engg.)
Er. Rahul Verma, B.Tech.(Civil Engg.)
(Member Council of Engineers & Valuers)
Membership No.CEV/SM/1111/CIVIL

Ref.no. [ 1 20:37 28

Dated 17/03/2024

## **CERTIFICATE OF TRAINING**

This is to Certified That Mr. Kiratjit Singh S/o Sarabjit Singh Having Roll No. 2005514, Final Year Student of B.tech Civil Engineering From Khalsa College of Engineering & Technology, Amritsar has Successfully Completed his Software Training from 18-03-2024 to 15-05-2024. He has learnt AutoCAD Software for making Drawings according to Client's requirement. His performance has found to be good. He has good designing and planning capabilities. I appreciate his hard Work, Honesty and integrity towards his work. His behavior has found to be satisfactory.

Regards



For Kumar Associates & Consultants

Fryst Hotse

Off:- 4, Tehsil Complex Abohar (Punjab) Sitto Road, 8-Sunder Nagri, Abohar (Pb) Mob. 9814598332, 9878903769

Email:- Kumar98332@gmail.com







# SATNAM CONSTRUCTIONS CO.

RESIDENTIAL AND COMMERCIAL PROJECT

Date: 23-04-2024

# Internship Training Certificate

This is to certify that Mr. Parmindergurpal Singh s/o S. Ram Singh final year student of B-Tech Civil Engineering from Khalsa College of Engineering and Technology, Ranjit Avenue, Amritsar has successfully completed his training of three months in our various projects.

He completed his training on civil construction i.e. building work, piling work, structure work and also learns software Auto-Cad for making drawings. His performance has found to be good. He has good designing and planning capabilities. I appreciate his hard work, punctuality, honesty and integrity towards his work. His behaviour has found to be satisfactory.

I wish him all the best in his future endeavours.

For Satnam Construction Co.

Prop.

For

Satnam construction co.

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Www.satnamconstructions.com

+91-99880-02167, 62391-30727, 98142-31167

§ 2356/1, Main Bazar, Gurbax Nagar, Amritsar (Pun|ab)-143001

Subject to Amusteur Jurusdiction



# R R PROFESSIONAL CADD INSTITUTE (REGD.)

AN ISO 9001-2015 Certified Institute

# Certificate

Registration No. APPCH1342024



S/o, D/o, W/o	S. R	AM SINGH	
Completed the Course of	AUIOCAD	JUS MAX + VKA	
Session JAN-2024 TO	APRIL-2024	Grade	VERY GOOD
His/Her final grade is	Α		

Issue Date : .... 19/04/2024

Place: Amritsar













# भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

# NATIONAL HIGHWAYS AUTHORITY OF INDIA

सड़क परिवहन और राजमार्ग मंत्राालय, भारत सरकार

(Ministry of Road Transport and Highways, Govt. of India) क्षेत्रीय कार्यालय, चण्डीगढ- बेज़ नं 35-38, सेक्टर-4 पंचकुला ।

Regional Office, Chandigarh - Bays No.35-38, Sector -4, Panchkula. दूरभाष :-0172- 2583030, 2586818 फैक्स :-0172- 2573030

ई-मेल :- ronhaichd@gmail.com

NHAI/RO/CHD/11018/ADMN/ 3 200-488

7 May, 2024

## INTERNSHIP CERTIFICATE

# TO WHOM SO EVER IT MAY CONCERN

This is to certify that Mr. Sukhmani Singh, student of Civil Engineering 8<sup>th</sup> Semester of Khalsa College of Engineering & Technology, Amritsar (I. K. Gujral Punjab Technical University, Jalandhar) has successfully completed his three months internship from 01.01.2024 to 31.03.2024 in the office of National Highways Authority of India PIU-Amritsar.

I wish him all success for the future.

(Vipnesh Sharma)

Regional Officer.

1 yours

RO-Chandigarh

प्रधान कार्यालयः जी-5 एव 6, संक्टर-10 द्वारका, नई दिल्ली-110075 Head Office: G-5&6, Sector-10, Dwarka, New Delhi - 110075



ARCHITECTURE

INTERIOR

EXTERIOR

Ref. No. N.A. ) 20.24-002

Date 25 April 204

# **CERTIFICATE OF TRAINING**

This is to certified that Mr. Sukhmani Singh s/o Sh. Jiwan Singh having Roll no. 2005516, final year student of B. Tech Civil Engineering from Khalsa college of Engineering & Technology, Amritsar has successfully completed his software training from 5<sup>th</sup> March, 2024 to 20<sup>th</sup> April, 2024. He has learnt AutoCAD software for making drawings according to client's requirements. His performance has found to be good. He has good designing and planning capabilities. I appreciate his hard work, punctuality, honesty and integrity towards his work. His behaviour has found to be satisfactory.

Thanks & Regards

Project Director

NAGI ASSOCIATES
Er. GURINDER SINGH
GOVT. APP. MTP Lic. No. 638-A
Cymindia Sayl

Address- Near Bikaner Sweets, Batala Road, Verka, Amritsar Ph- 7340994577 Email- info.nagiassociates@gmail.com





of Mr. South Page



# SATNAM CONSTRUCTIONS CO.

RESIDENTIAL AND COMMERCIAL PROJECT

Date 23-04-2024

# Internship Training Certificate

This is to certify that Mr. Tarundeep Singh s/o S. Jagjit Singh final year student of B-Tech Civil Engineering from Khalsa College of Engineering and Technology, Ranjit Avenue, Amritsar has successfully completed his training of three months in our various projects.

He completed his training on civil construction i.e. building work, piling work, structure work and also learns software Auto-Cad for making drawings. His performance has found to be good. He has good designing and planning capabilities. I appreciate his hard work, punctuality, honesty and integrity towards his work. His behaviour has found to be satisfactory.

I wish him all the best in his future endeavours.

\_\_\_\_ Sman & mgh

For

Satnam construction co

enquiry@satnamconstructions.com

www.satnamconstructions.com

491-99880-02167, 62391-30727, 98142-31167

9 2356/1, Main Bazar, Gurbax Nagar, Amritsar (Punjab)-143001

Subject to American According





# A R PROFESSIONAL CADD INSTITUTE (REGD.)

(An Institute of CAD/CAM Technology)

AN ISO 9001:2015 Certified Institute

Certificate

Registration No. ARPCH1362024



S. JAGJIT SINGH

Completed the Course of ...........AutoCAD + 3DS MAX + VRAY

Session JAN-2024 TO APRIL-2024 His Her final grade is ..... 24 VERY GOOD

Issue Date: 19/04/2024

Place: Amritsar









# Khalsa College of Engineering & Technology, Amritsar Department of Computer Science & Engineering

# 6 Months Industry Oriented Project Training Batch 2020-2024

Semester 8th						
S.No.	Uni Regd. no.	Name of Student	Name of Company			
1	2005519	Abhishek Kalia	Future Finders, Mohali			
2	2005521	Amritpal Singh	Future Finders, Mohali			
3	2005522	Ankush Syal	CRAW Cyber In Depth AdvancedNetworking			
4	2005523	Arshdeep Singh	ROCK IT Solutions, Amritsar			
_ 5	2005524	Arzoo	NSPL, Amritsar			
6	2005525	Diljot Singh	CRAW Cyber In Depth AdvancedNetworking			
. 7	2005526	Eakampreet Kaur	NSPL, Amritsar			
8	2005527	Gurbir Singh	CETPA			
9	2005528	Harpreet Singh	Future Finders, Mohali			
10	2005530	Hshudhy Malhotra	NIL			
11	2005531	Inderdeep Singh	NAME OF THE PARTY			
12	2005532	John	Future Finders, Mohali			
13	2005534	Prabhjot Singh	Future Finders, Mohali			
14	2005535	Randeep Singh	Future Finders, Mohali			
- 15	2005536	Sagaldeep Singh	ROCK IT Solutions, Amritsar			
16	2005537	Sahilpreet Singh Sandhu	Future Finders, Mohali  AOSC Technologies, Amritsar			
17	2005538	Savneet Kaur	Vibrantick			
18	2005540	Shubham Bhardwaj				
19	2005543	Swadhin raj Sharma	ROCK IT Solutions, Amritsar  Future Finders, Mohali			
20	2005544	Tanu				
21	2105421	Kiranjot Kaur	Systematic Computer Coaching center, Amritsar  Prema Software Solutions, Bhopal			
22	2105422	Mohd Uzair Mir	Future Finders, Mohali			
23	2134692	ImranNazir Dar	Future Finders, Mohali			

Dr. Supreet Kaur (Class Incharge)

Dr. Jasleen Kaur
HODICSE)
Head
Deptt. of Computer Science & Engg.
Khaise



Ref.No. FF/646

# TO WHOM IT MAY CONCERN

This is to certify that Abhishek Kalia S/O Mr. Rajesh Kumar is currently pursuing Internship Training in Future Finders organization beginning from January 2024 and will be Finished July 2024. He has worked on project "Bloodlink" using technologies: Full Stack.







Thanks & Regards

**Future Finders** 

**Authorized Signatory** 



+91-985 590 8009 🚾 info@futurefinders.in 😜 www.futurefinders.in

Plot No. F- 465, K&B Tower 2nd Floor, Phase 8B, Sector74, Mohali





Ref.No. FF/644

# TO WHOM IT MAY CONCERN

This is to certify that Amritpal Singh S/O Mr. Satnam Singh is currently pursuing Internship Training in Future Finders organization beginning from January 2024 and will be Finished July 2024. He has worked on project "School Management System" using technologies: Full Stack.



Thanks & Regards
Future Finders
Authorized Signatory





info@futurefinders.in

www.futurefinders.in

Plot No. F- 465, K&B Tower 2nd Floor, Phase 8B, Sector74, Mohali





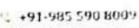
# TO WHOM IT MAY CONCERN

This is to certify that Swadhin Raj S/O Mr. Yograj is currently pursuing Industrial Training in Future Finders organization beginning from January 2024. He has worked on project "HMS (Hostel Management System)" using technology: Full Stack.



Thanks & Regards
Future Finders
Authorized Signatory





🕏 info@futurefinders.in 🧯 www.futurefinders.in

Plot No. 1 - 465, K&B Tower 2nd Floor, Phase 815, Sector 74, Mohali



# TO WHOM IT MAY CONCERN

This is to certify that John S/O Mr. Inderias is currently pursuing Industrial Training in Future Finders organization beginning from January 2024. He has worked on project "HMS (Hostel Management System)" using technology: Full Stack.



Thanks & Regards
Future Finders
Authorized Signatory





# TO WHOM IT MAY CONCERN

This is to certify that Inderdeep Singh S/O Mr. Jagandeep Singh is currently pursuing Industrial Training in Future Finders organization beginning from January 2024. He has worked on project "HMS (Hostel Management System)" using technology: Full Stack.



Thanks & Regards
Future Finders
Authorized Signatory



# **TO WHOM IT MAY CONCERN**

This is to certify that Harpreet Singh S/O Mr. Harpal Singh is currently pursuing Internship Training in Future Finders organization beginning from January 2024 and will be Finished July 2024. He has worked on project "Bloodlink" using technologies: Full Stack.







Thanks & Regards

**Future Finders** 

**Authorized Signatory** 



+91-985 590 8009

info@futurefinders.in

@ www.futurefinders.in

Plot No. F- 465, K&B Tower 2nd Floor, Phase 8B, Sector74, Mohali



# **TO WHOM IT MAY CONCERN**

This is to certify that Mohd Uzair Mir S/O Mr. Manzoor Ahmad Mir is currently pursuing Industrial Training in Future Finders organization beginning from January 2024. He has worked on project "Valley Mart" using technology: Full Stack.



Thanks & Regards

**Future Finders** 

**Authorized Signatory** 





info@futurefinders.in

www.futurefinders.in

Plot No. F- 465, K&B Tower 2nd Floor, Phase 8B, Sector 74, Mohali Ref.No. FF/642

# TO WHOM IT MAY CONCERN

This is to certify that Sagaldeep Singh S/O Mr. Satminder Singh is currently pursuing Internship Training in Future Finders organization beginning from January 2024 and will be Finished July 2024. He has worked on project "Bloodlink" using technologies: Full Stack.







Thanks & Regards
Future Finders
Authorized Signatory





Ref.No. FF/643

# **TO WHOM IT MAY CONCERN**

This is to certify that Prabhjot Singh S/O Mr. Lalkar Singh is currently pursuing Internship Training in Future Finders organization beginning from January 2024 and will be Finished July 2024. He has worked on project "School Management System" using technologies: Full Stack.



Thanks & Regards
Future Finders
Authorized Signatory





💌 info@futurefinders.in

🗬 www.futurefinders.ln

Plot No. F- 465, K&B Tower 2nd Floor, Phase 8B, Sector74, Mohali





# CERTIFICATE

OF COMPLETION

THIS IS TO CERTIFY

# SAVNEET KAUR

HAS SUCCESSFULLY COMPLETED
INDUSTRIAL TRAINING
AS A
DATA SCIENTIST

FROM JAN 01, 2024 TO MAY 20, 2024

WE FOUND HIM/HER PRETTY ACTIVE AND CONFIDENT IN ASSIGNED PROJECTS

CERTIFICATE ID - VIS2024 -1345-12

MAY 15, 2024 DATE



For Vibrantick Infotech Solutions

Auth. Signatory

FOUNDER & CEO



# SYSTEMATIC COMPUTER COACHING CENTRE

An ISO Certified 9001-2015

Ref No.2024231 -E

Date. 21/05/2024

# TO WHOM IT MAY CONCERN

This is to certify that Miss Tanu D/o Parveen Kumaris enrolled as a Six Months Industrial Trainingstudent of B-Tech (Computer Science and Engineering) Semester 8<sup>th</sup> Roll no 2005544 in KHALSA COLLEGE OF ENGINEERING & TECHNOLOGY, AMRITSAR. The above student has been enrolled since 01 January 2024 and is expected to complete hertrainingby 30 June 2024. During this tenure she has learned PHP with MYSQL Technology and Major project on Online Jewelry Shop.

During this tenure she was honest and hard work and we wish her all the success.

For Systematic Computer Coaching Centre





# PREMA SOFTWARE SOLUTIONS CAD/CAM CONSULTANTS

(A Division of Prema Computers)

Branch Office: 35-B. Behind New Indian Coffee House: Indrapuri, Bhopat - 462021 Phone: 0755 - 4234760,E-mail upmanyua@premasoftware.com,Website.www.premasoftware.com

16-May 24

# To Whom It May Concern,

Subject: Kiranjot Kaur completed Full Stack Internship

I am writing to bring to your attention the commendable achievement of students Kiranjot Kaur , who has recently completed a rigorous internship program in Full Stack development From 4-01-2024 to 16-05-2024.

Kiranjot Kaur has been a dedicated and diligent participant throughout the duration of their internship, demonstrating exceptional skills and commitment to mastering the intricacies of Full Stack development. Under the mentorship of our experienced professionals, she has not only enhanced her technical abilities but has also displayed commendable teamwork, problem solving skills, and adaptability in a real-world work environment.

The Full Stack internship program provided Kiranjot Kaur with a comprehensive understanding of various programming languages (Java), frameworks, and Android studio for developing dynamic web applications and apps. She has successfully completed projects that showcase her proficiency in both front-end and back-end development, along with database management and deployment strategies

Furthermore Kiranjot Kaur has received positive feedback from her supervisors and colleagues for her proactive approach, eagerness to learn, and ability to collaborate effectively within a team. Her contributions have been invaluable to the projects she was involved in during the internship period.

Thank you for your attention to this matter. Should you require any further information or clarification regarding Kiranjot Kaur 's internship experience, please do not hesitate to contact me.

Warm regards,

11 .

CEO

Prema software solution

+919826072634

Date 24-May-2024

# Certificate of Internship

To Whom It May Concern

This is to certify that Ms. Arzoo D/o Sh. Ashwani Kumar has completed 20 weeks Internship as Full Stack Web Developer in NSPL (Amritsar) from Jan 2024 to May 2024.

During tenure, her theoretical, practical knowledge and behavior with the management and colleagues has been quite excellent and exemplary. She is laborious, enthusiastic and hardworking. We wish Ms Arzoo success in her further endeavors.

For Nest Software Pvt. Ltd.

Nancy Khanna

Director Human Resources

#### Nest Software Private Limited



## Ref.No. FF/6M/912

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

This is to certify that Imran Nazir Dar S/O Mr. Nazir Ahmad Dar is currently pursuing Industrial Training in Future Finders organization beginning from January 2024. He has worked on project "ViewsVine" using technology: Full Stack.



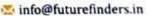
Thanks & Regards

**Future Finders** 

**Authorized Signatory** 















# **Training Completion Certificate**

This is to certify that

**GURBIR SINGH** 

has successfully completed Six Months Training on

"Data Analytics Using Power BI"

Mr. Anil Kumar Singh Director

Wednesday, February 14, 2024 Started From

Mr. Vikas Kalra Director





NO. SO







Date 24-May-2024

# Certificate of Internship

To Whom It May Concern

This is to certify that Ms. Eakampreet Kaur D/o S. Padam Vishavchetan Singh has completed 20 weeks Internship as Data Science Engineer in NSPL (Amritsar) from Jan 2024 to May 2024.

During tenure, her theoretical, practical knowledge and behavior with the management and colleagues has been quite excellent and exemplary. She is laborious, enthusiastic and hardworking. We wish Ms Eakampreet Kaur success in her further endeavors.

For Nest Software Pvt. Ltd.

VKlama

Nancy Khanna

**Director Human Resources** 

#### **Nest Software Private Limited**

AOSC Technologies India Pvt Ltd SCO 12-13, Level 4, B-Block, Ranjit Avenue, Amritsar, Punjab, India operations@aoscindia.com



Date: 24.05.2024

# To Whom It May Concern

This is to certify that Mr. Sahilpreet Singh Sandhu has been doing his 6-month Internship Training in Web Development

& Microsoft Power BI at AOSC India Pvt Ltd from 04<sup>th</sup> January 2024. The training will be finished by 28<sup>th</sup> Jun 2024.

His exposure has been excellent during his tenure with us. He handled major responsibilities and created a project on

"DEVHUB".

We have found him to be a motivated, duty-bound self-starter, and a highly committed team player with strong conceptual knowledge. During his tenure with us for the above period, we found his moral character good.

We wish him all the best in his future endeavors.

For AOSC India Pvt Ltd.

w how &

Authorized Signatory

# **ROCK IT SOLUTIONS**

(ROCK ITS)

Date: May 20th, 2024

Letter Refer No. 2024/05/001

Arshdeep Singh, S/o S Sukhjinder Singh, Roll No 2005523 - B Tech CSE, Khalsa College Of Engineering & Technology, Ranjit Avenue, Amritsar.

Arshdeep,

We are thrilled to formally offer you the position of Front End React Developer at Rock ITS, effective 15th May, 2024.

#### Job Description:

- Front end react development.
- Development and maintenance of real-world web applications.
- Collaborate with a diverse team of engineers and product managers.

Start Date: Your official start date is 15th May, 2024.

Best Regards,

Manpreet Singh Sidhu,

Proprietor ROCK ITS www.rockits.us 981-400-5727

GST No. 03BAWPS5039J1Z4

PAN NO: BAWPS5039J

33 Race Course Road, Amritsar 143001 India

Mobile: +91 981-400-5727 Office Phone +91-183-2560419

Email: info@rockims.com

**ROCK ITS** 

Proprietor

# ROCK IT SOLUTIONS

Date: May 15th, 2024

Letter Refer No. 2024/05/003

Shubham Bhardwaj, S/o Sh Varinder Kumar, Roll No 2005540 - B Tech CSE, Khalsa College Of Engineering & Technology, Ranjit Avenue, Amritsar.

Shubham,

We are thrilled to formally offer you the position of Front End React Developer at Rock ITS, effective 15th May, 2024.

#### Job Description:

- Front end react development.
- · Development and maintenance of real-world web applications.
- Collaborate with a diverse team of engineers and product managers.

Start Date: Your official start date is 15th May, 2024.

Best Regards,

Manpreet Singh Sidhu,

Proprietor ROCK ITS www.rockits.us 981-400-5727

GST No. 03BAWPS5039J1Z4

PAN NO: BAWPS5039J

33 Race Course Road, Amritsar 143001 India Mobile: +91 981-400-5727 Office Phone +91-183-2560419 Email, info@rockims.com

**ROCK ITS** 

Proprietor

# ROCK IT SOLUTIONS (ROCK ITS)

Date: May 15th, 2024

Letter Refer No. 2024/05/002

Randeep Singh, S/o S Gurwinder Singh, Roll No 2005535 - B Tech CSE, Khalsa College Of Engineering & Technology, Ranjit Avenue, Amritsar.

Randeep,

We are thrilled to formally offer you the position of Android Developer at Rock ITS, effective 15th May, 2024.

#### Job Description:

- Android Application development.
- Learn new methodologies relevant to our industry.
- Develop and maintain real-world android applications.
- Collaborate with a diverse team of engineers and product managers.

Start Date: Your official start date is 15th May, 2024.

Best Regards,

Manpreet Singh Sidhu,

ROCK ITS

Proprietor ROCK ITS www.rockits.us 981-400-5727

GST No. 03BAWPS5039J1Z4

PAN NO: BAWPS5039J

33 Race Course Road, Amritsar 143001 India Mobile: +91 981-400-5727 Office Phone +91-183-2560419 Email: info@rockims.com



# IN-DEPTH ADVANCED

NETWORKING CERTIFICATION

CRAWEN-68275196/LI

Certification Number

28th March 2024

Date

This certificate is awarded to

# DILJOT SINGH

for successfully completing all the requirements and criteria for said certification through examination administrated by Craw Security.

CYBER RESEARCH AND ANALYSIS WING

Mohit Yadav

Director

PARTNERS













# CYBER FORENSICS

INVESTIGATION CERTIFICATE

CRAWEN-68275198/L6

Certification Number

17th May 2024

Date

This certificate is awarded to

# ANKUSH SYAL

for successfully completing all the requirements and criteria for said certification through examination administrated by Craw Security.

CYBER RESEARCH AND ANALYSIS WING

PARTNERS











**Mohit Yaday** 

Director

## **Department of Electronics and Communication Engineering**

# List of students underwent Industrial training on 8<sup>th</sup> Sem

Sr. No.	Name of student	Roll Number	Company Name	Domain/Topic
1	Muskan	2005545	Future Finders	Automation
2	Rayees Ahmed Shah	2005546	Future Finders	IoT
3	Shivam Pal Sansi	2005547	ATS applied Solar technologies	Network operation Engineer
4	Shubham Raj	2005548	Effectual knowledge services pvt. Ltd.	Patent Associate
5	Simranjit Singh	2005549	Future Finders	Automation

#### **Attachments:**

- 1. Training reports
- 2. Certificates of completion

# SIX MONTHS INDUSTRIAL TRAINING REPORT ON

## **AUTOMATION**

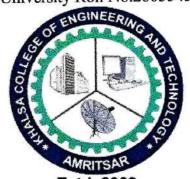
AT

FUTURE FINDER, MOHALI
SUBMITTED IN PARTIAL FULFILLMENT OF AWARD OF DEGREE FOR
BACHELOR OF TECHNOLOGY

## SUBMITTED BY

Muskan

University Roll No.2005545



Estd. 2009

DEPARTMENT OF
ELECTRONICS AND COMMUNICATION ENGINEERING

# KHALSA COLLEGE OF ENGINEERING AND TECHNOLOGY

**AMRITSAR** 

(JANUARY TO JULY 2024)

#### **DECLARATION**

I hereby declare that the work entitled AUTOMATION TRAINING is an authentic record of my work carried out at Automation, Mohali, as per the training requirements for the award of the degree of B. Tech (Electronics and Communication). This work was conducted under the guidance of Mrs. Harjit kaur Training Supervisor, during the training period from January 2024 to July 2024.

Musion Simranjit Singh

200554

Date:

Certified that the above statement made by the student is correct to the best of our knowledge and belief.

Signat

ure

Exami

ne by:

INTERNAL

2.INTERNAL

3. EXTERNAL

Head of Department

Deptt. of Electroncis & Communication 2009-Khaine College of Engg. & Technology

(Signature and seal)

by AICTE, New Delhi & Affiliated to BkC Dur.

# **ABSTRACT**

In today's industrial landscape, the integration of Programmable Logic Controllers (PLCs) and Supervisory Control and Data Acquisition (SCADA) systems has become a cornerstone for enhancing efficiency, reliability, and safety in manufacturing and process industries. This abstract explores the symbiotic relationship between PLCs and SCADA, emphasizing their collective impact on automation.

PLCs serve as the backbone of automation, executing control algorithms to manage various processes such as assembly lines, batch processing, and material handling. Their robustness, real-time processing capabilities, and ability to interface with diverse sensors and actuators make them indispensable in modern industrial automation.

SCADA systems, on the other hand, provide a holistic view of the entire industrial process by collecting, monitoring, and analyzing real-time data from PLCs and other field devices. Through intuitive graphical interfaces, operators can visualize process parameters, diagnose faults, and make informed decisions swiftly. SCADA's remote accessibility enables monitoring and control from centralized locations, facilitating efficient resource utilization and rapid response to anomalies.

ON

# NETWORK OPERATION ENGINEER **INTERNSHIP**

**COMPLETED AT** 

APPLIED SOLAR TECHNOLOGY, GURGAON

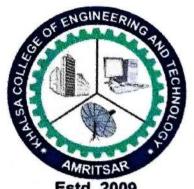
SUBMITTED IN PARTIAL FULFILLMENT OF AWARD OF DEGREE FOR

BACHELOR OF TECHNOLOGY

SUBMITTED BY

Shivam Pal Sansi

University Roll No.2005547



**DEPARTMENT OF** 

ELECTRONICS AND COMMUNICATION ENGINEERING

KHALSA COLLEGE OF ENGINEERING AND TECHNOLOGY **AMRITSAR** 

(JANUARY TO JULY 2024)

#### **DECLARATION**

I hereby declare that the work entitled "NETWORK OPERATION ENGINEER INTERNSHIP" is an authentic record of my work carried out at Applied Solar Technology, Gurgaon, as per the training requirements for the award of the degree of B. Tech (Electronics and Communication). This work was conducted under the guidance of Mr. Satyam Prabhat, Assistant General Manager and Training Supervisor, during the training period from January 2024 to July 2024.

Shivam Pal Sansi

2005547

Date:

Certified that the above statement made by the student is correct to the best of our knowledge and belief.

Signature

Examine by

1. INTER

2.INTERNAL

3. EXTERNAL

Head of Department

(Signature and seal)

#### **ABSTRACT**

Telecom power systems are designed to keep telecommunication services running during power fluctuations and interruptions. They are reliable, flexible, and can be used in both on-grid and off-grid environments. Telecom power systems are made up of batteries, rectifiers, and a power system controller. In direct current (DC) systems, a rectifier converts alternating current (AC) to DC to charge the batteries.

By installing monitoring systems into old telecom power plants represents a crucial step towards modernizing and optimizing the operational efficiency of aging infrastructure. This abstract explores the significance and benefits of implementing monitoring technology in such facilities. By providing real-time insights into operational parameters such as temperature, voltage, current, and equipment status, monitoring systems enable proactive maintenance, fault detection, and energy optimization. Additionally, the adoption of monitoring systems enhances safety protocols by facilitating early hazard detection and remote monitoring capabilities. Furthermore, the transition towards digitization and smart infrastructure ensures reliability, longevity, and future-proofing against emerging challenges in the telecommunications sector. Overall, the installation of monitoring systems in old telecom power plants not only improves operational efficiency but also enhances safety, reduces downtime, and fosters resilience in an ever-evolving technological landscape.

# INDUSTRIAL TRAINING & EXPERIENCE REPORT

OF

# **ASSOCIATE**

**COMPLETED AT** 

EFFECTUAL KNOWLEDGE SERVICES PVT LTD.

Submitted in the partial fulfilment of the requirements for the award of

**BACHELOR OF TECHNOLOGY** 

IN

**ELECTRONICS AND COMMUNICATION ENGINERRING** 



Submitted by

#### **SHUBHAM RAJ**

University Registration No. 2005548

Khalsa College of Engineering & Technology, Amritsar

Affiliated to

I. K. Gujral Punjab Technical University, Jalandhar

## STUDENT DECLARATION

I, Shubham Raj, a student of B. Tech (Electronics and Communication Engineering), Semester 8th, with Roll No. 2005548, have completed my internship at Effectual knowledge Services pvt ltd. as an Associate as a requirement of B.Tech (Electronics and communication Engineering) at Khalsa College of Engineering and Technology, This report is an authentic record of my work. This work has not been submitted to any other institution for the award of any degree. If any discrepancy is found regarding the originality of my report, I may be held responsible.

Shubham raj

Roll no. 2005548

B. Tech ECE(8th Sem)

J. Indermal

3. Earles

Head of the Department

Deptt. of Electronic Engg. & Technology

Kheles College of Engg. & Technology

And the

## **ABSTRACT**

This report provides a comprehensive overview of various aspects related to the patent and intellectual property rights (IPR) industry, focusing on key elements such as patent searches, prior art analysis, and different facets of IPR management.

Beginning with an introduction to the internship and pertinent entities like the United States Patent and Trademark Office (USPTO), World Intellectual Property Organization (WIPO), and other relevant stakeholders, the report delves into the specifics of the patent analysis process, detailing its scope, methodologies, and salient features.

Chapters on patent searches process and prior art analysis offer insights into the intricacies of identifying relevant prior art, covering recommendations, search strategies, and tools used to ensure comprehensive searches. Various types of patent searches such as novelty, validity, infringement, and freedom-to-operate (FTO) are meticulously outlined, along with their respective methodologies, documentation practices, and evaluation criteria.

This involves licensing, patent valuation, and enforcement mechanisms to protect against infringement and maximize the value of intellectual assets. The report also delves into the role of competitive intelligence in the IPR industry, providing strategic insights into monitoring competitors' patent activities and technological advancements.

In conclusion, this report underscores the importance of thorough patent searches, strategic patent drafting, and effective IPR management in fostering innovation and protecting intellectual property. It serves as a valuable resource for professionals, researchers, and policymakers involved in the patent and IPR industry, offering practical guidance and insights into the complexities of patent analysis and intellectual property protection.

# SIX MONTHS INDUSTRIAL TRAINING REPORT ON

# **AUTOMATION**

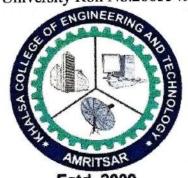
AT

FUTURE FINDER, MOHALI
SUBMITTED IN PARTIAL FULFILLMENT OF AWARD OF DEGREE FOR
BACHELOR OF TECHNOLOGY

## SUBMITTED BY

Simranjit Singh

University Roll No.2005549



DEPARTMENT OF

ELECTRONICS AND COMMUNICATION ENGINEERING

# KHALSA COLLEGE OF ENGINEERING AND TECHNOLOGY

**AMRITSAR** 

(JANUARY TO JULY 2024)

#### **DECLARATION**

I hereby declare that the work entitled AUTOMATION TRAINING is an authentic record of my work carried out at Automation, Mohali, as per the training requirements for the award of the degree of B. Tech (Electronics and Communication). This work was conducted under the guidance of Mrs. Harjit kaur Training Supervisor, during the training period from January 2024 to July 2024.

Simranjii Singh - Stream it Singh 2005549

Date:

Certified that the above statement made by the student is correct to the best of our knowledge and belief.

Signat

ure

Exami

ne by:

· INTERNAL

2.INTERNAL

3. EXTERNAL

Head of Department

(Signature and seal)

## **ABSTRACT**

In today's industrial landscape, the integration of Programmable Logic Controllers (PLCs) and Supervisory Control and Data Acquisition (SCADA) systems has become a cornerstone for enhancing efficiency, reliability, and safety in manufacturing and process industries. This abstract explores the symbiotic relationship between PLCs and SCADA, emphasizing their collective impact on automation.

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Through intuitive graphical interfaces, operators can visualize process parameters, diagnose faults, and make informed decisions swiftly. SCADA's remote accessibility enables monitoring and control from centralized locations, facilitating efficient resource utilization and rapid response to anomalies.

#### INDUSTRIAL TRAINING & EXPERIENCE

REPORT

OF

IOT

COMPLETED AT Future Finders PVT LTD.

Submitted in the partial fulfilment of the requirements for the award of

BACHELOR OF TECHNOLOGY IN

ELECTRONICS AND COMMUNICATION ENGINEERING



Submitted by

Rayees Ahmad Shah University Registration No. 2005546

Khalsa College of Engineering & Technology, Amritsar Affiliated to I.K. Gujral Punjab Technical University, Jalandhar

#### STUDENT DECLARATION

I, Rayees Ahmad Shah, a student of B. Tech (Electronics and Communication Engineering). Semester 8th, with Roll No. 2005546, have completed my internship at Future Finders pvt ltd. as an Associate as a requirement of B. Tech (Electronics and communication Engineering) at Khalsa College of Engineering and Technology. This report is an authentic record of my work. This work has not been submitted to any other institution for the award of any degree. If any discrepancy is found regarding the originality of my report, I may be held responsible.

Rayees Ahmad Shah Roll no. 2005546 B. Tech ECE (8th Sem)

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Head F

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Chalse College of Engg. & Technology

### **Abstract**

The Internet of Things (IoT) represents a transformative technology that connects a vast network of physical objects embedded with sensors, software, and other technologies. This interconnected network facilitates the exchange of data between devices and systems over the internet, encompassing everything from household items to complex industrial tools. In a technology-driven world, IoT is pivotal in enhancing connectivity through devices like laptops, smartphones, TVs, and smartwatches.

As the demand for IoT continues to rise, so does the need for skilled professionals in this field, accompanied by increasing salary levels. With over 7 billion IoT devices currently in use, projections estimate this number will grow to 10 billion by 2020 and 22 billion by 2025. Companies like Oracle are at the forefront, partnering with device manufacturers to expand the IoT landscape.

This project aims to delve into the principles and applications of IoT, exploring how it enables seamless connectivity and data exchange, ultimately enhancing our interaction with the world around us. By understanding the scope and potential of IoT, we can better appreciate its role in driving technological advancement and connectivity in our daily lives and industries.





Finding Future For Hen .

Ref. no FF/6M/2024

# CERTIFICATE OF TRAINING

#### PROUDLY PRESENTED TO

MUSKAN
S/O D/O Sh. RANJEET SINGH
of Khalsa cly of Eng & Tech Amridson has Successfully
Completed his/her training onAutomation
from Jan, 2024 to May, 2024 during the tenure
of the above training, we have found him/her a hardworking
Training Co-ordinator    Control   C
Grade - A A A B B B+ C

HR. Dept



⊠info@futurefinders.in

@www.futurefinders.in

Plot No. F - 465, K&B Tower, 2nd Floor, Phase 8B, Sector 74 Mohali

€ Mob.9855908009



Ref.No. FF/6M/481

## TO WHOM IT MAY CONCERN

This is to certify that Rayees Ahmad Shah S/O Mr. Javid Ahmad Shah is currently pursuing Industrial Training in Future Finders organization beginning from January 2024. He has worked on project "iotedge" using technology: IOT.



Thanks & Regards
Future Finders
Authorized Signatory





## **Internship Certificate**

To whom It May Concern

22-May-2024

This is to certify that **Shivam Pal Sansi**, a student of Electronics and communication has started his internship with us for our client Applied Solar Technologies India Pvt Ltd for 6 Months Internship program his Internship Tenure was from 29-Jan-2024 to 29-July-2024. He was working as NOC engineer.

During the span we found him punctual and hard working person. His learning powers are good.

Trianking you,

For Durga Shakti Security & Placement services Pvt. Ltd.

Marie Contract

(Authorized Signatory)

Registered Office:-PlotNo.145A, FirstFloor, Galiivo.23, VipinGarden Extn. 201301 UttamNagar, Delhi-110059 CorporateOffice:-A-31Sector-4, Noida, UnarPradesh-

CIN:U74999DL2016PTC309582,EmailID:durgashaktiplacement709@gmail.com



SDF A-05, NSEZ, Noida Phase-II, Noida-Dadri Road, Noida, Uttar Pradesh - 201 305 India

Ref. No.: EKS/APR24/597

May 05, 2024

To, Shubham Raj, Sarwan Kumar, House No. 1880, Gali Amar Medical Wali, Ram Nagar Colony, Amritsar-I, Amritsar, Punjab, 143009 Tel: +91- 6284696895

#### **Experience Letter**

This is to certify that Mr. Shubham Raj was employed with Effectual Knowledge Services Pvt. Ltd. and his employment particulars are as under: -

Full Name

Shubham Raj

Employee Code

ESEZ-603

Designation

Associate

Department/Division

Operations / Hi

tech Date of Joining

29-Jan-24

CTC

Rs. 3,00,000 Per Annum

During this tenure, we found your services to be good. As a standard procedure, we take this opportunity to remind you of your continuing obligation under and in terms of all the applicable provisions of the Non-Disclosure Agreement, IT Policy executed by you, which we are confident you shall duly respect.

We wish you all the best for your future endeavors. For Effectual Knowledge Services
Yours Sincerely,

Meetika

Aggarwal Director

Effectual Knowledge Services Private Ltd.

491 0120 4522210/11

CIN: U74999DL2010PTC209989

Registered Office: Plot No 94, 3rd Floor, Pocket 10, Sector 13, Day





Tending Julare For Hen

Ref no FF/6M/2024

# CERTIFICATE OF TRAINING

## PROUDLY PRESENTED TO

SIMRANJIT SINGH
STO D/O Sh. JASWINDER SINGH
of Khalba clg of Eng. or Tech Amnitson has Successfully
Completed his/her training on Automation
from JAN, 2024 to MAY, 2024 during the tenure
of the above training, we have found him/her a hardworking $\mathcal{L}_{h}$
Training Co-ordinator  South Cordinator  Training Co-ordinator  South Cordinator  So
Grade - A A + B B+ C C BREFIN



⊠info@futurefinders.in

⊕ www.futurefinders.in

Plot No. F - 465, K&B Tower, 2nd Floor, Phase 8B, Sector 74 Mohali

( Mob.9855908009



# MECHANICAL ENGINEERING DEPARTMENT

Subject Name: 6th Month Industrial/Software Training

Subject Code: BTME 801-18

Semester: 8th Sem

Sr No	Roll Number	Name of the Student	Software Training	Industrial training
1.	2005550	Deepak Kumar Kar	Future Finders, Sectoe- 14, Mohali.	Bhupindra machines (P) LTD. Amritsar.
2.	2005552	Gurleen Singh	Ashok Layland Limited, Alwar, Rajasthan.	Ashok Layland Limited, Alwar Rajasthan.
3.	2005553	Karanjeet Singh	Future Finders, Sector- 14, Mohali.	Sagar Engineering, Near Dabur Chowk, Manpur Baddi, HP.
4.	2005555	Mahipal Singh	Northern Railway Mechanical Workshop, Amritsar	Northern Railway Mechanical Workshop, Amritsar.
5.	2005556	Puneet Kumar	Future Finders, Sectoe- 14, Mohali.	Sagar Engineering, Near Dabur Chowk, Manpur baddi, HP.

HOD (Mechanical Engineering)

(Dr. Sandeep Devgan)

Head Mechanical Engg. Deptt. Khalsa College of Engg.& Tachneless/ Amricar







#### TO WHOM IT MAY CONCERN

This is to certify that MR. Deepak Kumar Kar S/O MR. Akshaya Kumar Kar and Student of Khalsa College of Engineering and Technology, University Roll no-2005550 of Mechanical Engineering branch has completed his 4 months industrial training (MAR-JUNE) 2024 at Bhupindra Machines Private Limited.

During his Training period he has worked in the field of various software like AutoCAD, Solid works, CNC programming as well as different machining processes. Duringthe training period he was able to handle all the given work efficiently.

During his training period we found him very efficient, hardworking, punctual, honest andwell-mannered candidate.

We wish him all the Success/Prosperity in his future life.

Auth Signatory

For Bhupindra Machines (P) Ltd.

Auth Signatory
Bhupindra Machines (P) Ltd.

Dated: 16.06.2024

Mfrs. & Exporters of : Stag Crusher Plant, Heavy Lifting Magnet, Magnetic Separator Machines, Stone Crushers, Ball Mill Drum, Conveyor Belt System, Vibrating Screen & Hydraulic Peel Grab Etc.

Repd. Office SLS Tower, 273-11st Floor, Opp. Jee Cee Motors 100 Feet Road, Amritsar - 143 006 (Pb.) India E-mail : slagcrusher@gmail.com Tel : +91-183-5004113, 2581102 Website : www.slagcrusher.com

Works:
Piot No. 8-5 & 6, Phase-III, New Focal Point
Mehta Road, Amritsar-143010 (Pb.) India
Tel:+91-183-5004113, 96782-46000
Fax:+91-183-5004113
Website: www.bhupindramachines.com

Jamshedpur Office 2nd Floor, Krishna Janki Complex, Near Hotel Sky Lark Station Road, Jugsial, Jamshedpur-831006. Ph. 0657-2293416 Mobile: 0942-278





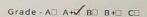
Finding Future For You ...

Ref. no FF 2H 574

# OF TRAINING

DEEPAK KUHAR KAR

of KHALSA COLLEGE OF ENG. & TECH., AHRITSAR has Successfully
Completed his/her training on AUTOCAD & SOCID WORK
from JAN, 9094 to MAR, 9094 during the tenure
of the above training, we have found him/her a hardworking



Training Co-ordinator



⊠info@futurefinders.in

www.futurefinders.in

O Plot No. F - 465, K&B Tower, 2nd Floor, Phase 8B, Sector 74 Mohali Mob.9855908009

S/O D/O Sh. AKSHAYA KUHAR KAR

Director



AL: TRG 1033

August 12, 2024

#### TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr. Gurleen Singh student of Khalsa College of Engineering & technology, Amritsar was an Industrial trainee in the Maintenance Department 13 February 2024, to 10 August 2024.

During the period, he has successfully completed a Project on "Electronic Stability Control (ESC)."

During the training period, his conduct was found good.

We wish him all success in his life.

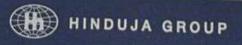
For Ashok Leyland Limited,

Gopinath A Head - HR Alwar

#### **Ashok Leyland Limited**

Plot No. SPL 298, Matsya Industrial Area, Alwar – 301030, Rajasthan | Tel.:+91 144 2881019

Registered Office: Ashok Leyland Limited, No. 1, Sardar Patel Road, Guindy, Chennai - 600032, Tel.: 91 44 2220 6000
E-mail: reachus@ashokleyland.com | Website: www.ashokleyland.com
CIN: L34101TN1948PLC000105









Ref.No.SE/4M/2024

# **Training Certificate**

This is to certify that Mr. Karanjeet Singh S/O/S. Harmesh Lal His Roll No. 2005553, a Student of Khalsa College of Engineering and Technology has undergone training from 01.03.2024 to 01.07.2024 in our organization. His performance and conduct during the above training was found good.

Thanks & Regards
Mr. Navdeep Gautam

Manager











70





Finding Future For You...

Ref. no **FF 2H 568** 

### CERTIFICATE OF TRAINING

### PROUDLY PRESENTED TO

	CARANJEET SINGH	
S/o D/o Sh	ARMESH LAL	
OFKHALSA COLLEGE O	F ENG. & TECH., AMRITS	AR has Successfully
Completed his/her tra	ining on AUTOCAD	
from JAN, 2024	to MAR, 2024	during the tenure
of the above training,	we have found him/her	a hardworking
Training Co-ordinator	POOL 2015	Director





⊠info@futurefinders.in

- mww.futurefinders.in
- Plot No. F 465, K&B Tower, 2nd Floor, Phase 8B, Sector 74 Mohali
- € Mob.9855908009

### NORTHERN RAILWAY MECHANICAL WORKSHOP, AMRITSAR

(An ISO 9001, ISO 14001, ISO 18001, ISO 50001, ISO 3834, 5'S & Green Co Certified Organization)



Certificate No. 23/Deg./Short Term Training/2024

### **PROVISIONAL CERTIFICATE**

This is to certify that <u>S. Mahipal Singh S/O S. Jatinder Pal Singh</u> Roll No. <u>2005555</u> a student of <u>Mechanical Engineering at Khalsa College of Engineering & Technology, Amritsar</u> has completed his short term unpaid Practical Training at <u>Northern Railway Mechanical Workshop</u>, <u>Amritsar</u>, (<u>Punjab</u>) 143001 from 07-02-2024 to 05-08-2024.

During his stay in the establishment his behavior and performance was **Good.** 

We wish him success in life.

Place: Amritsar

Date: 06-08-2024

Chief Instructor BTC
Northern Railway Mechanical
Workshop, American

Training Officer
Northern Railway Mechanical
Workshop, Amritsar







Ref.No.SE/4M/2024

### **Training Certificate**

This is to certify that Mr. Puneet Kumar S/O/S. Rakesh Kumar His Roll No. 2005556, a Student of Khalsa College of Engineering and Technology has undergone training from 01.03.2024 to 01.07.2024 in our organization. His performance and conduct during the above training was found good.

Thanks & Regards

Mr. Navdeep Gautam















Finding Future For You ...

Ref. no FF /2H /552.

### CERTIFICATE OF TRAINING

### PROUDLY PRESENTED TO

-	TUNEE	NUHHK	
S/o D/o Sh	RAKES	H KUHAR	
OF KHALSA COLLEGIE	OF ENDS &	TECH , AMRITSA	has Successfully
Completed his/her	training on _	AUTO CAD	
from JAN, 2024	to_H	AR, 2024	during the tenure
of the above training	ig, we have f	ound him/her a	hardworking
Training Co-ordinator	9001:2015	Ministry of MOME, David of India Reg. mc. < CHO10009429	Byl. Director
Grade - AD A+ BD E	3+0 C0		



Minfo@futurefinders.in

@www.futurefinders.in

O Plot No. F - 465, K&B Tower, 2nd Floor, Phase 8B, Sector 74 Mohali

**4-Weeks Industrial Training (After 4th Semester)** 

### DEPARTMENT OF CIVIL ENGINEERING LIST OF STUDENTS FOR TRAINING-II

4th Semester Batch: (2021-25)

S.NO	Uni Roll No.	Name of Student	Company Name
1	2105358	Aatif Mohi UD Din	JKPCC Ltd.
2	2105360	Jagroop Singh	TDI, Mohali
3	2105363	Paru bist	Nagi Associates & Engineers
4	2105365	Satnam singh	Nagi Associates & Engineers
5	2105367	Vishal	MC, Amritsar
6	2134696	Sukhraj Singh	Nagi Associates & Engineers
7	2205040	KRITAGHYA SOOD	CADD CENTRE
8	2205041	MANJIT SINGH	Nagi Associates & Engineers
9	2205042	SAHIL SHARMA	Nagi Associates & Engineers
10	2205043	TANVEER SINGH	Nagi Associates & Engineers

HOD (CE)

Head Deptt. of Civil Engg. Khalsa College of Engg. & Tech. Amritsar

Govt. of Jammu & Kashmir JAMMU & KASHMIR PROJECTS CONSTRUCTION CORPORATION LIMITED.

OFFICE OF THE CONSTRUCTION CORPORATION LIMITED.

(J&K Government Undertaking)

OFFICE OF THE DY. GENERAL MANAGER JKPCC LTD. KUPWARA UNIT. E-mail ID: dgmkupwara@gmail.com

OFFICE ADDRESS. Near Masjid-Ul-Murshideen Kupwara.

No: DGM/Kup/ 2042

FAX NO: 01955-252438

Dated: 26-07-2023

### INTERNSHIP CERTIFICATE.

### Khalsa College,

of Engineering & Technology, JKG Punjab Technical University, Jalandhar. College Amratsar,

Sub: Industrial Training Certificate.

Ref: Your letter No: KCET/TP/594/07/2023 dated: 07/07/2023.

Sir,

With reference to letters referred above, it is intimated that ATIF MOHI UD DIN SHEIKH S/O: GHULAM MOHI U DIN SHEIKH R/O: REGIPORA KUPWARA student of your institution has undergone practical training w.e.f. 08/07/2023 to 30/07/2023 at GOVT. DEGREE COLLEGE KRALPORA KUPWARA under execution with this organization.

The student has gained good experience during execution of work and his character and dedication towards the job has remained satisfactory and we wish him all the best in future.

Manager I/C, Degree College Kralpora Kupwara,

Voiltd. Kupwara

1004 | Letter

**JKPCC** 

### **Training Certificate**

### TO WHOM IT MAY CONCERN

No:-MCA/PIU/PMSIP/2023-228
Reference Letter No. KCET/TPO/INTN.-Perm./

Date: - 28/08/23

Student Roll No.2105367/2023/593 Date: 21/06/23

Mr. Vishal having Roll no. 2105367 of 5th Semester student of B. Tech Civil Engineer branch of Khalsa College of Engineering and Technology has got successfully training completed from 10/07/2023 to 31/07/23 under AMRITSAR SURFACE WATER SUPPLY PROJECT in Municipal Corporation Amritsar during training period his work and conduct is found satisfactory.

Wishing him a great success in future.

TPO
Khalsa College Amritsar

Signature of Training
Officer of Industry
with seal

Signature of the Supervisor

### NAGI ASSOCIATES AND ENGINEERS



Er. Harkanwaljit Singh

### **B.Tech (Civil Engg.)**

Architect, Govt. Approved Valuers, Interior & Exterior Designer, Estimaters, Landscapers, Surveyor, Embassy Reports. GSTIN - 03POPS0599G1ZD

E-Mail: Nagi. Associates 20@gmail.com

Darshan Avenue, GT Road Bypass, Amritsar

N.A.E:- ASR/181

It is certified that Mr./Ms. Paru Bist	
Roll No. 2105363 Of B. tech Civil &	Engg.
Sem. 5th Of Khalsa College Of Engineering & Technolog	gy
Successfully Completed The Week/Weeks T	raining
From 10-07-2023 To 06-08-2023 In Our Organization. During	This
Period His/Her work & Conduct Was	
Signature Of Candidate  Signature Of Train  Er. HARKANWA  Civil Engineer ('A' Clast  GOVT. APPROVED  Interior Designer, Estimaters  222, Darshan Avenue, G	ALJIT SINGH ss) Lic. No. 603-A ARCHITECT



### TRAINING CERTIFICATE

### TO WHOM SO EVER IT MAY CONCERN

This is to confirm that "Mr. Jagroop Singh" is student of "B.Tech (Civil Engineering) "course having university" Enrollment No 2105360"at "KCET, Amritsar" has successfully completed his Six Weeks industrial training with our organization from 25/06/2023 to 02/08/2023.

For TDI Infratech Ltd.

Authorised Signatory

M:79868-05215

### NAGI ASSOCIATES AND ENGINEERS



Er. Harkanwaljit Singh

B.Tech (Civil Engg.)

Architect, Govt. Approved Valuers, Interior & Exterior Designer, Estimaters, Landscapers, Surveyor, Embassy Reports. GSTIN - 03POPS0599G1ZD

E-Mail: Nagi.Associates20@gmail.com
Darshan Avenue, GT Road
Bypass, Amritsar

N.A.E:- ASR/182

It is certified that Mr./MsSatnam	Srigh
Roll No. 2105365	V
Sem. 5 H Of Khalsa Colleg	(//
Successfully Completed TheFour	Week/Weeks Training
From 10-07-2023 To 06-08-2023	In Our Organization. During This
Period His/Her work & Conduct Was	Outstanding

**Training Certificate** 

Satnam Singh Signature Of Candidate

associates &

Ex. Hankanwal Jit Sivel Signature Of Training Officer

Er. HARKANWALJIT SINGH
Civil Engineer ('A' Class) Lic. No. 603-A
GOVT. APPROVED ARCHITECT
Interior Designer, Estimaters & Landscape, Surveyor
222, Darshan Avenue, G.T. Road, Amritsa

### NAGI ASSOCIATES AND ENGINEERS



Er. Harkanwaljit Singh

B.Tech (Civil Engg.)

Architect, Govt. Approved Valuers, Interior & Exterior Designer, Estimaters, Landscapers, Surveyor, Embassy Reports. GSTIN - 03POPS0599G1ZD

E-Mail: Nagi.Associates20@gmail.com

Darshan Avenue, GT Road Bypass, Amritsar

222, Darshan Avenue, G.T. Road Ameter

N.A.E:- ASR/185

It is certified that Mr./Ms	Tanveer	Singh	
Roll No. 2205043	Of	B.tech Civil	Engg.
		ineering & Techno	
Successfully Completed The	Foun	Week/Weeks	Training
From 10-07-2023 To 06-08			ng This
Period His/Her work & Conduct Was	Out	standing	
Tanveer Sangu. Signature Of Candidate  3550CIALE	is & er	Signature Of Tree. HARKANWA Civil Engineer ('A' Class GOVT. APPROVED	LJIT SING S) Lic. No. 603-A

M:79868-05215

### NAGI ASSOCIATES AND ENGINEERS



Er. Harkanwaljit Singh

**B.Tech (Civil Engg.)** 

Architect, Govt. Approved Valuers, Interior & Exterior Designer, Estimaters, Landscapers, Surveyor, Embassy Reports. GSTIN - 03POPS0599G1ZD

E-Mail: Nagi.Associates20@gmail.com

Darshan Avenue, GT Road

Bypass, Amritsar

N.A.E:- ASR/184

It is certified that Mr./Ms. Sukhraj Singh
Roll No. 2134696 Of R. tech Civil Fugg.
Sem. 5th Of Khalsa College Of Engineering & Technology
Successfully Completed TheWeek/Weeks Training
From 10-07-2023 To 06-08-2023 In Our Organization. During This
Period His/Her work & Conduct Was Outstanding
Signature Of Candidate  Signature Of Candidate  Signature Of Training Officer  Er. HARKANWALJIT SINGH  Civil Engineer ('A' Class) Lic. No. 603-A  GOVT. APPROVED: ARCHITECT  Interior Designer, Estimaters & Landscape, Surveyor  222, Darshan Avenue, G.T. Road A.
222, Darshan Avenue, G.T. Road, Amritsar

### NAGI ASSOCIATES AND ENGINEERS



Er. Harkanwaljit Singh

B.Tech (Civil Engg.)

Architect, Govt. Approved Valuers, Interior & Exterior Designer, Estimaters, Landscapers, Surveyor, Embassy Reports. GSTIN - 03POPS0599G1ZD

E-Mail: Nagi. Associates 20@gmail.com

Darshan Avenue, GT Road Bypass, Amritsar

N.A.E:- ASR/183

It is certified that Mr./Ms. Manjit Singh
Roll No. 2205041 Of B. tech Civil Engg.
Sem. 5th Of Khalsa College Of Engineering & Technology
Successfully Completed TheWeek/Weeks Training
From 10-07-2023 To 06-08-2023 In Our Organization. During This
Period His/Her work & Conduct Was Outs fanding
Signature Of Candidate  Signat

### NAGI ASSOCIATES AND ENGINEERS



Er. Harkanwaljit Singh

### B.Tech (Civil Engg.)

Architect, Govt. Approved Valuers, Interior & Exterior Designer, Estimaters, Landscapers, Surveyor, Embassy Reports. GSTIN - 03POPS0599G1ZD

E-Mail: Nagi. Associates 20@gmail.com
Darshan Avenue, GT Road

Bypass, Amritsar

N.A.E:- ASR/186

It is certified that Mr./Ms. Sahil Sharma
Roll No. 2205042 Of B. tech Civil Engg.
Sem 5th Of Khalsa College Of Engineering & Technology
Successfully Completed The Four Week/Weeks Training
From 10-07-2023 To 06-08-2023 In Our Organization. During This
Period His/Her work & Conduct Was Outstanding
Period His/Tier Work
ER HARKANWALLIT SINGH.
Signature Of Candidate  Civil Enginee of Training Officer Signature Of Candidate  Civil Enginee of Training Officer Signature of Training Officer
Interior Designer, Estimaters & Landscape, Surveyor 222, Darshan Avenue, G.T. Road, Amritsar



Mahavastu Associates

NH-88, Dharamshala Road Kangra, Ist Floor, Patanjali Chikitsalaya, (Near Govt. Poly), Kangra-176001 Phone: 01892-293468 Email: hp.kangra@caddcentre.com

Dated: 04-08-2023

### TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr. Kritaghya Sood S/O Sh. Rajnesh Sood having Roll No:- 2205040 of the Khalsa College of Engineering & Technology Amritsar Punjab has undergone the industrial training with us on Drafting and Designing of various buildings like Residential & Commercial from 10<sup>th</sup> July 2023 to 23<sup>rd</sup> July 2023. During this period he is very sincere and hardworking & completed the given assignments on time.

We wish him all the success in his future Endeavour.

For

Mahavastu Associates

Cadd Centre Kangra



CIN: U72300TN1998TC041242 | PAN: AABCC1473B | IE CODE: 0405007329 | GST: 29AABCC1473B2Z1

CADD Centre Training Services Private Limited
REDMI 12 5G

**Corporate Office:** 

No. 25, 1st Floor, Dr. Radhakrishnan Salai, Mylapore, Chennai-600 004, Tamil Nadu, India. Phone: 4591300 / 0 1 / 2 0 2 4 1 0 : 0 8

www.caddcentre.com



### Khalsa College of Engineering & Technology ਖ਼ਾਲਸਾ ਕਾਲਜ ਆਫ਼ ਇੰਜੀਨੀਅਰਿੰਗ ਐਂਡ ਟੈਕਨੋਲੋਜੀ



Accredited by NAAC Grade "A"

Department: Computer Science & Engineering

Batch: 2021-2025 Course: B.Tech. (CSE)

**6 Week Industrial Training Details** 

S.No	Uni. Roll No.	Name of Student	Name of Organization
1	2105369	Amit Kumar	Future Finders, Chandigarh
2	2105372	Anmolpreet Kaur	Future Finders, Chandigarh
3	2105373	Anupreet Kaur	Future Finders, Chandigarh
4	2105375	Bharti .	Future Finders, Chandigarh
5	2105376	Gurchetan Kumar	Future Finders, Chandigarh
6	2105378	Gurpreet Kaur	Future Finders, Chandigarh
7	2105380	Gursimran Singh	Future Finders, Chandigarh
8	2105382	Harshpreet Singh	Future Finders, Chandigarh
9	2105383	Harvinder Singh	Future Finders, Chandigarh
10	2105385	Inteshab Ahmad Dar	Future Finders, Chandigarh
11	2105388	Jaspinder Kaur	Future Finders, Chandigarh
12	2105389	Jatin Vig	Solitaire Infosys Pvt. Ltd.
13	2105390	Jhanvi Naidu	Future Finders, Chandigarh
14	2105392	Keshav Lakhesar	Future Finders, Chandigarh
15	2105393	Kuber Arora	Future Finders, Chandigarh
16	2105394	Mahesh Raina	IIT Jmmu
17	2105395	Maninder Singh	Future Finders, Chandigarh
18	2105396	Manjeet Kour	Google
19	2105398	Namhaydeep Singh	Future Finders, Chandigarh
20	2105400	Prabhmeet Singh	Future Finders, Chandigarh
21	2105401	Prakash Kumar	Future Finders, Chandigarh
22	2105402	Rajan	Future Finders, Chandigarh
23	2105403	Rishikesh Kumar Yadav	Future Finders, Chandigarh
24	2105404	Riya	Future Finders, Chandigarh
25	2105405	Riya	Future Finders, Chandigarh
26	2105407	Sahil Dutta	Future Finders, Chandigarh
27	2105408	Siya Gill	Future Finders, Chandigarh
28	2105409	Sonali Barki	Future Finders, Chandigarh
29	2105410	Sukhmanpreet Singh Virk	Future Finders, Chandigarh
30	2105411	Suneha Saini	Future Finders, Chandigarh
31	2105412	Tanpreet Singh	Solitaire Infosys Pvt. Ltd.
32	2105413	TwinkleSharma	Future Finders, Chandigarh
33	2205044	Adesh Mishra	Rock ITS Solutions
34	2205045	Prabhnoor Singh	Future Finders, Chandigarh
35	2205046	Preet Kanwal Singh	Future Finders, Chandigarh
36	2205048	Priyesh Kumar	CETPA

Blee Dr Supreet Kaur

(Industrial Training Incharge)

Dr Jaleen Kaur HOD (CSE Dept.)

Deptt. of Computer Science & Engg. Khalsa College of Engy. & Technology Amnisar





Finding Future For You.

Ref. no FF/SW/192

### CERTIFICATE OF TRAINING

### PROUDLY PRESENTED TO

a ,	PRABHMEET SIN	N64H
s/o D/o Sh	GURPAL SINGE	1
ofKCET	(AMRITSAR)	has Successfully
Completed his/her tra	aining onF	ULL-STACK
from JULY , 202.	3 to Au67.	2023 during the tenure
of the above training,	we have found him	her a hardworking
Training Co-ordinator	ISO  Ministry of MSME. Gov. Reg. no. CM0100	
Grade AD AM BD BH		



⊠info@futurefinders.in

- ⊕www.futurefinders.in
- Q Plot No. F 465, K&B Tower, 2nd Floor, Phase 8B, Sector 74 Mohali Mob.9855908009



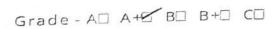


Winding Future For You .

Ref. no FF/6W/578

### CERTIFICATE OF TRAINING PROUDLY PRESENTED TO

AMIT KUMAR
S/O D/O Sh. RAJINDER KUMAR
of KHALSA COLLEGE OF ENGGLITECH, AMRITSAR has Successfull
Completed his/her training on
from
of the above training, we have found him/her a hardworking
Training Co-ordinator  9001:2015    Inapped   Inapped





⊠info@futurefinders.in

⊕ www.futurefinders.in

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Lending Frete

Ref no F f/6 W/5 67

### CERTIFICATE OF TRAINING

### PROUDLY PRESENTED TO

PRABHNOOR SINGH
S/O D/O Sh. SUKH PREET SINGH
of KHALSA COLLEGE OF ENGG & TECH, AMRIDARhas Successfully
Completed his/her training onPYTHON
from July, 2023 to AUGUST, 2023 during the tenure
of the above training, we have found him/her a hardworking
Training Co-ordinator  9001:2015    Control   Control

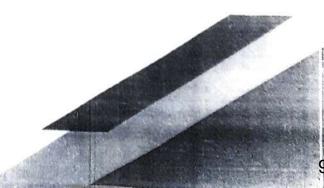
Grade - A A A B B B+ C



⊠info@futurefinders.in

@www.futurefinders.in

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Lending Latin Je Men

1111 m FF/6W/579

### CERTIFICATE OF TRAINING

### PROUDLY PRESENTED TO

GURCHETAN KUMAR
S/O D/O Sh. LEKHRAJ
of KHALSA COLLEGE OF ENGG & TECH, AMRITSARhas Successfully
Completed his/her training on
A
from July, 2023 to August, 2023 during the tenure
of the above training, we have found him/her a hardworking
Horritton Birgh
Training Co-ordinator  Training Co-ordinator  9001:2015  Director  Reg. no CH010009429





⊠info@futurefinders.in

- ⊕ www.futurefinders.in
- Q Plot No. F 465, K&B Tower, 2nd Floor, Phase 8B, Sector 74 Mohali





1101 m FF/6W/565

### OF TRAINING PROUDLY PRESENTED

HARSHPREET SINGH

HAROMPRET SINGH
S/O D/O Sh. JATINDER SINGH
of KHALSA COLLEGE OF ENGG & TECH, AMRITSAR _ has Succession
Completed his/her training on PYTHON
from July, 2023 to AUGUST, 2023 during the tenure
of the above training, we have found him/her a hardworking
Training Co-ordinator  Training Co-ordinator  Training Co-ordinator  Training Co-ordinator

Grade - A A A B B B+ C



⊠info@futurefinders.In

@www.futurefinders.in

Plot No. F - 465, K&B Tower, 2nd Floor, Phase 8B, Sector 74 Mohali

9001:2015

# CERTIFICATE OF COMPLETION



Tinding Talum 5

Ref. 10 EF | 64

### PROUDLY PRESENTED TO

TWINKLE SHARMA

RAMESH SHARMA S/o D/o Sh.

OF KHALSA COLLEGE OF ENGG. & TECHNOLOGY

Completed his/her One hundred twenty hours (120 Hrs.) ISO Certificate Cour:

PYTHON

From JULY, 2023

10 AUGUST, 2023

during the t

of the above Course, we have found him/her a hardworking

Standardization



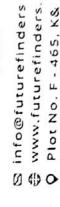












Plot No. F - 465, K& 2nd Floor, Sector 7. SB, Mohall

Mob.9855908009

## CERTIFICATE OF COMPLETION



Finding Fulune For

Ref. no *FF/60*2)

### PROUDLY PRESENTED TO

BHARTI

SMARAN SINGH S/o D/o Sh.\_

COLLEGE OF ENGG. & TECHNOLOGY Has Successful OF KHALSA

Completed his/her One hundred twenty hours (120 Hrs.) ISO Certificate Course

PYTHON

AUCUST. 2013 8 From JULY, 2013

during the tent

of the above Course, we have found have than a hardworking

dstandardization





CQ-QMS-035













Mob.9855908009



Date: 05/09/2023

To Whom It May Concern

This is to certify that Mr. Mahesh Raina (B.Tech-Computer Science and Engineering), a student of Khalsa College of Engineering and Technology, Amritsar, has successfully completed his internship at the CSE department, IIT Jammu, under my supervision. The internship took place from 4th July - 31st August 2023.

During the internship, Mahesh worked diligently on Natural Language Processing based problems; Name Entity Recognition(NER) task in Hindi using the Hiner dataset...

He demonstrated exceptional skills and dedication throughout the internship. He actively contributed to data collection, preprocessing, model training, and evaluation processes, consistently delivering high-quality results. His performance exceeded our expectations, and he completed the project within the designated time frame.

His ability to grasp complex concepts and apply them effectively impressed me. He exhibited a strong work ethic, a passion for learning, and a proactive attitude toward problem-solving. His contributions significantly contributed to the progress and success of the project.

I wish him all the best in his future endeavors.

If you need any additional information, please feel free to reach out to me.

Dr. Yamuna Prasad Assistant Professor

Department of Computer Science and Engineering

Indian Institute of Technology Jammu

Jagti, PO Nagrota, NH-44, Jammu, J&K, India, 181221

Email: yamuna prasad@iitjammu ac in

Mobile: +91-9354941189



Tinding Future For You.

Ref. no FF/6 W/552

### PROUDLY PRESENTED TO

ANUPREET KAUR

JASPAL

Has Succesfully OF KHALSA COLLEGE OF ENGG. & TECHNOLOGY Completed his/her One hundred twenty hours (120 Hrs.) ISO Certificate Course in

### PYTHON

during the tenure to AUGUST, 2013 JULY, 2023

of the above Course, we have found him/her a hardworking





















- Plot No. F 465, K&B Tower 2nd Floor, Sector 74 Phase 8B, Mohali
  - Mob.9855908009





Lending Letters For You

Ref no FF/600/558

### CERTIFICATE OF TRAINING

PROUDLY PRESENTED TO

RIVA
S/O D/O Sh. VINOD KUMAR
of KHALSA COLLEGE OF ENGY. & TECHNOLOGY has Successfully
Completed his/her training on PYTHON
from JULY , 2023 to AUGUST, 2023 during the tenure
of the above training, we have found him/her a hardworking
^

Training Co-ordinator



Ministry of MSME, Govt. of India Reg. no. - CH010009429

Director

Grade - A□ A+ B□ B+□ C□



⊠info@futurefinders.In

- ⊕www.futurefinders.in
- Plot No. F 465, K&B Tower, 2nd Floor, Phase 8B, Sector 74 Mohali
- € Mob.9855908009



Tinding Juture For You...

Ref. no FF/6w /559

### PROUDLY PRESENTED TO

RIYA

S/o D/o Sh. KARORPAT RAL

of KHALSA COLLEGE OF ENGG. & TECHNOLOGY Has Successfully

Completed his/her One hundred twenty hours (120 Hrs.) ISO Certificate Course in

PYTHON

to AUGUST, 2013 JULY, 2023

during the tenure

of the above Course, we have found him. 'her a hardworking

Standardization

organization for organi



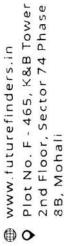












Mob.9855908009

### ROCK IT Solutions)

Date: October 24, 2023

Letter Refer No. 2023/10/024

### **Training Completion Certificate**

This is to certify that Mr. Adesh Mishra, has successfully completed two month Training in "Android Development"in our office from 30<sup>th</sup> June 2023 to 1<sup>st</sup> September 2023.

If you have any questions related to his training you can reach me +91-981-400-5727 or email me at <a href="mailto:info@rockims.com">info@rockims.com</a>.

**ROCK ITS** 

Proprietor

Regards,

Mangreet Singh Sidhu,

Proprietor ROCK ITS www.rockits.us

981-400-5727

GST No. 03BAWPS5039J1Z4

PAN NO: BAWPS5039J





TRAINING | DEVELOPMENT | PLACEMENT www.cetpainfotech.com

# Training Completion Certificate

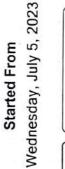
This is to certify that

### Priyesh Kumar

has successfully completed Six Weeks Training on

"Core Java"













/**Microsoft** Partner

SSIGN

ERICSSON Google Partner

Verify this Certificate by Registration Number ETCore5720236W863895 at http://www.cetpainfotech.com





Leading Poties For You

1101 m FF/60/577

### CERTIFICATE OF TRAINING

### PROUDLY PRESENTED TO

	MANIHI	DER SIMOH	
S/O D/O Sh. SUNHDE	ep SIT	tan	
of KHALSA COLLEGE (	OF ENGL	S. L. TECH, AMRIT	SAR has Successfully
Completed his/her train	ning on _	FULL STAC	71
from July, 2023	to	AUGUST, 2023	during the tenure
of the above training, w	re kan -	metricing in the second	nardworking
Training Co-ordinator	001:2015	Plant Grant Constant	Director

Grade - A A+VB B+ C



⊠info@futurefinders.in

€ www.futurefinders.in

- Q Plot No. F 465, K&B Tower, 2nd Floor, Phase 8B, Sector 74 Mohali
- ( Mob.9855908009





Tending Julian Les Men

Ref. no FF/600/564

### CERTIFICATE OF TRAINING

### PROUDLY PRESENTED TO

RAJAN
S/o D/o Sh. GUDDU SINGH
of KHALSA COLLEGE OF ENGG. & TECHNOLOGY has Successfully
Completed his/her training on PYTHON
from JULY, 2013 to AUGUST, 2023 during the tenure
of the above training, we have found him/her a hardworking
Training Co-ordinator  Training Co-ordinator  Training Co-ordinator

Grade - A□ A+ B□ B+□ C□



⊠info@futurefinders.in

- mww.futurefinders.in
- Plot No. F 465, K&B Tower, 2nd Floor, Phase 8B, Sector 74 Mohali

9001:2015





Finding Fature For Hen ..

Ref. no FF/6W/560

### CERTIFICATE

### PROUDLY PRESENTED TO

	SUNEHA	SAIN	
S/o D/o Sh.	JOGINDERPAL	SAINI	
of KHALSA	COLLEGE OF	ENGG. & TECHNO	Logy has Successfully
Completed h	nis/her training o	on PYTHON	
a stable			
from JULY	1, 2023 t	o AUGUST, 2023	during the tenure
of the above	e training, we ha	ve found him/her a	hardworking
Parfit &	dinator EIS	Ministry of MSME, Got, of India	Director
Training Co-ord	9001:20	Reg. no CH010009429	

Grade - AD A+ BD B+D CD



⊠info@futurefinders.in

@www.futurefinders.in

○ Plot No. F - 465, K&B Tower, 2nd Floor, Phase 8B, Sector 74 Mohali

( Mob.9855908009

COURSE

CERTIFICATE

Aug 5, 2023

### manjeet kour

has successfully completed

### Crash Course on Python

an online non-credit course authorized by Google and offered through Coursers

coursera

Coursera has confirmed the identity of this incluisual and their participation in the course. https://coursera.org/verify/A5NZBA2N4AN





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FE TO FF/6W/706

### CERTIFICATE OF TRAINING

### PROUDLY PRESENTED TO

KESHAV LAKHESAR
S/O D/O Sh. RAKESH KUMAR
of KHALSA COLLEGE OF ENGIG & TECH, AMRITSARhas Successfully
Completed his/her training on
from July, 2023 to August, 2023 during the tenure
of the above training, we have found him/her a hardworking
Training Co-ordinator  Training Co-ordinator  Training Co-ordinator  Training Co-ordinator

Grade - A A A B B+ B+ C



Minfo@futurefinders.in

@www.futurefinders.in

Plot No. F - 465, K&B Tower, 2nd Floor, Phase 8B, Sector 74 Mohall





Lending Luture Ter You

Rot. no FF/6W/7/4

### CERTIFICATE OF TRAINING

### PROUDLY PRESENTED TO

KUBER ARORA
S/O D/O Sh. GAURAV KUMAR
of KHALSA COLLEGE OF ENGIG & TECH, AMRITSARhas Successfully
Completed his/her training onFVIL STACK
from July, 2023 to August, 2023 during the tenure
of the above training, we have found him/her a hardworking
Training Co-ordinator  Training Co-ordinator  Training Co-ordinator  Training Co-ordinator

Grade - A A A B B B+ C



Øinfo@futurefinders.in

@www.futurefinders.in

Plot No. F - 465, K&B Tower, 2nd Floor, Phase 8B, Sector 74 Mohali Mob.9855908009



S.No. 348653

### Certificate of Training

This certificate has been awarded to Mr Jatin Vig from Khalsa college of engineering and technology who has undertaken an internship program of 6 Weeks from 03/07/2023 to 16/08/2023 in Python Department from Solitaire Infosys Pvt. Ltd.

During the tenure of this internship with us, we found the candidate self-starter and hardworking. Also he had worked sincerely on the assignments and his performance was satisfactory to be part of the team.

We wish the Candidate success for all the future endeavors.

For Solitaire Infosys Pvt. Ltd.

Gagar Samling

### **Human Resources Department**

Note: To check the authentication of certificate, please visit www.sllnfy.com







Lending Julian For You.

Ref. no FF/6W/8/0

### CERTIFICATE OF TRAINING

### PROUDLY PRESENTED TO

GURSIMRAN SINGH
S/O D/O Sh. BALWINDER SINGH
of KHALSA COLLEGE OF ENGIG & TECH, AMRITSARhas Successfully
Completed his/her training onFVIL STACK
from July, 2023 to August, 2023 during the tenure
of the above training, we have found him/her a hardworking
Training Co-ordinator  Training Co-ordinator

Grade - A□ A+ B□ B+□ C□



⊠info@futurefinders.in
⊕ www.futurefinders.in
Q Plot No. F - 465, K&B Tower, 2nd
Floor, Phase 8B, Sector 74 Mohali
Mob.9855908009



Finding Future For You ...

Ref. no <u>FF/6W/568</u>

### OF TRAINING

### PROUDLY PRESENTED TO

GURPREET KAUR
S/o D/o Sh. SATNAM SINGH
of KHALSA COLLEGE OF ENGG. & TECHNOLOGY has Successfully
Completed his/her training onPYTHON
from JULY, 2023 to AUGUST, 2023 during the tenure
of the above training, we have found him/her a hardworking
Training Co-ordinator  9001:2015  Director

Grade - A A A+S B B+ C



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- Plot No. F 465, K&B Tower, 2nd Floor, Phase 8B, Sector 74 Mohali Mob.9855908009





Finding Future For You...

Ref. no FF/6W/196

### CERTIFICATE OF TRAINING

### PROUDLY PRESENTED TO

INTISHAB AH. DAR
S/O D/O Sh. JAVAID AH DAR
of KHALSA COLLEGE OF ENGG. & TECHNOLOGY has Successfully
Completed his/her training onFULL STACK
from 1 July, 2023 to 16 August, 2023 during the tenure
of the above training, we have found him/her a hardworking
Training Co-ordinator  Training Co-ordinator  Training Co-ordinator  Training Co-ordinator  Training Co-ordinator
Training Co-ordinator  Ministry of MSME, Govt. of India Reg. no CH010009429  Director

Grade - A A + B B B+ C

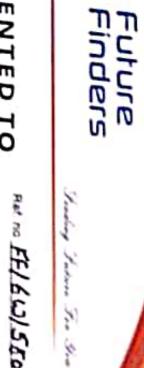


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- O Plot No. F 465, K&B Tower, 2nd Floor, Phase 8B, Sector 74 Mohali
- € Mob.9855908009

# OF COMPLETION





### PROUDLY PRESENTED TO

Flat no FE/642/550

OF KHALSA COLLEGE OF ENGG L TECHNOLOGY  Completed his/her one hundred twenty hours [120 Hrs.) ISO Certificate Course II  TOLY, 2023  DAVA  From TULY, 2023  DAVA  AUGUST, 2023
--



of the above Course, we have found him/her a hardworking

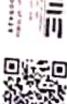
AUGUST, 2023

during the tenure











- O Plot No. F 465, K&B T Plot No. F . 465, K&B Tower BB. Mohali 2nd Floor, Sector 74 Phase

Mob.9855908009





Finding Future For You...

Ref. no **FF/60/595** 

### CERTIFICATE OF TRAINING

### PROUDLY PRESENTED TO

NAMHAY DEEP SINGH KANG			
S/O D/O Sh. JAGDEEP SINGH KANG			
of KHALSA COLLEGE OF ENGG. & TECHNOLOGY, AMRITSARnas Successfully			
Completed his/her training on			
from <u>July, 2023</u> to <u>AVG, 2023</u> during the tenure			
of the above training, we have found him/her a hardworking			
Training Co-ordinator    Complete   Complete			



⊠info@futurefinders.in

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Grade - A A+B B B+ C

- Plot No. F 465, K&B Tower, 2nd Floor, Phase 8B, Sector 74 Mohali
- **L** Mob.9855908009





Finding Future For You ...

Ref. no FF/6W/ 197

### CERTIFICATE OF TRAINING

### PROUDLY PRESENTED TO

PRABASH KUMAR THA			
S/O D/O Sh. PURAN KUMAR THA			
ofhas Successfully			
Completed his/her training onFULL-STACK			
from July, 2023 to Aug, 2023 during the tenure			
of the above training, we have found him/her a hardworking			
Training Co-ordinator  Training Co-ordinator  9001:2015			

Grade - A□ A+Ø B□ B+□ C□



⊠info@futurefinders.in

⊕ www.futurefinders.in

Plot No. F - 465, K&B Tower, 2nd Floor, Phase 8B, Sector 74 Mohali Mob.9855908009

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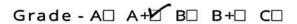
Finding Future For You ...

Ref. no *FF/60/191* 

### CERTIFICATE OF TRAINING

### PROUDLY PRESENTED TO

RISHIKESH KUMAR YADAV
S/o D/o ShRAMPRASAD YADAV
of has Successfully
Completed his/her training onFULL - STAK
from July- 2023 to Aug. 2023 during the tenure
of the above training, we have found him/her a hardworking
Training Co-ordinator    Constitution   Constitutio





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- Plot No. F 465, K&B Tower, 2nd Floor, Phase 8B, Sector 74 Mohali

**\** Mob.9855908009





Finding Future For You...

Ref. no FF/6w/564

### CERTIFICATE OF TRAINING

### PROUDLY PRESENTED TO

* * * *	RAJ	AN	
S20			
S/o D/o Sh	GUDDU SII	NGH	
of KHALSA	COLLEGE OF EN	44. & TECHNOLO	44_ has Successfully
E 1			
Completed hi	is/her training on _	PYTHON	
fromJULY	, <u>2013</u> to_	AUGUST, 2023	_during the tenure
of the above	training h		
or the above	training, we have t	found him/her a h	nardworking
Training Co-ord	inator 9001:2015	INC. SMALL & METABLE THE PROPERTY OF THE PROPE	Director
Grade - A□ A-	+ <b>☑</b> B□ B+□ C□		



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Q Plot No. F - 465, K&B Tower, 2nd Floor, Phase 8B, Sector 74 Mohali

**€** Mob.9855908009

# CERTIFICATE OF COMPLETION



Finding Future For Jou...

### PROUDLY PRESENTED TO

Ref. no K 6 6 6 566

### SAHIC DUTTA

S/o D/o Sh. RAJESH DUTTA

or KHALSA COLLEGE OF ENGG & TECHT. AMRITIAR Has Successfully

Completed his/her One hundred twenty hours (120 Hrs.) ISO Certificate Course in

### PYTHON

tenure From JULY, 2023 to AUGUST, 2023 during the

of the above Course, we have found him/her a hardworking

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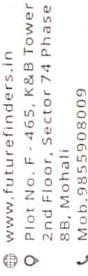












⊠ info@futurefinders.In



### Finders

Finding Future For You.

Ref No. FI=16.01566

## CERTIFICATE

OF PERSONALITY DEVELOPMENT

PROUDLY PRESENTED TO

Has Successfully Completed Personality Development Course.

to AUGUST, 2023









Ministry of MSME, Govt. of India Reg. no.- CH010009429

X www.futurefinders.in info@futurefinders.in

2nd Floor, Sector 74, Phase 8B, Mohali Plot No. F-465, K&B Tower

Mob. 9855908009



### Finding Future For You...

Ref. No.: FF/6W/2023/	Dated: I	uly 1023
Ref. No.: 1170 W.2020		
Tó	,	
The Director, Training & Placement Officer, Khalsa college of Engineering and Technology		
Sub: Confirmation (NOC) for 6 LLCcks Industrial Training	in <u>lightor</u>	·
Dear Sir/Madam		
We feel pleasure to acquaint with our company Future Finders, a pioneer in the field of Software Development &Industrial Internship Software Development, Web Designing, Industria! Training in Pro-Unit, On-siteTraining Corporate Training, Consulting and Promot various companies. We have substantial experience in Analyzing, Designing and Supporting Projects.	duction and Ma	nufacturing Products of
We Future Finders confirm training of Mr./Ms. Sahil Duil	ta	
University Roll No. 2105407 Of Of CSF  organization and as per the rule we are provide the No Object  Greeks Industrial Training in our premises. His/her  from Tuly 2023	ion Certificate	(1.00)
Our endeavor will be to impart and enhance knowledge of the student.		
Thanks & Regards  FUTURE FINDERS  Plot No. F-465, K&B Tower  (MR. BONISH SINTEL FINDERS  (MR. BONISH SINTEL FINDERS  FUTURE FINDERS  Plot No. F-465, K&B Tower  (MR. BONISH SINTEL FINDERS		



**491-985 590 8009** 

🖾 info@futurefinders.in

@ www.futurefinders.in

 Plot No. F- 465, K&B Tower 2nd Floor, Phase 8B, Sector 74, Mohali

DIRECTOR- FUTURE FINDER Mob. No.: +91-98559-08009





Finding Future For You ...

Ref. no FF/6U/566

### CERTIFICATE OF TRAINING

### PROUDLY PRESENTED TO

SAHIL DUTTA			
S/O D/O Sh. RAJESH DUTTA			
of KHALSA COLLEGE OF ENGG 4 TECH, AMRITSAR has Successfully			
Completed his/her training onPYTHON			
from July, 2023 to AUGUST, 2023 during the tenure			
of the above training, we have found him/her a hardworking			
Training Co-ordinator  150  9001;2015    Interest   Int			
Training Co-ordinator  Training Co-ordinator  Training Co-ordinator  Training Co-ordinator			

Grade - A□ A+ B□ B+□ C□



⊠info@futurefinders.in

- @www.futurefinders.in
- Q Plot No. F 465, K&B Tower, 2nd Floor, Phase 8B, Sector 74 Mohall

€ Mob.9855908009





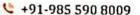
Ref. No .:- FF/Gw 566

### TO WHOM MAY IT CONCERN

This is to certify that SAHIL DUT	TA S/O D/O RATE	SH DOTTA	
has undergoing training in our form	Future Finders From _	JULY 2023	
to AUCUST, 2023 in		•	
During the training his/her conduct was found to be EXCELLENT.			

**Managing Director** 





info@futurefinders.in





Ref. No .:- FF/6 w | 566

### TO WHOM MAY IT CONCERN

This is to certify that SAHIL	DUT	TA S/O D/O RAT	ESH DUTTA
has undergoing training in our			
to AUGUST, 2013	_ in _	PYTHON	·
During the training his/her conduct was found to be EXCELLENT.			

FUTLOW TINDERS
Plot Ndby 16 , K&B Tower
2nd Flor , Phase-8B, Mohali

**Managing Director** 



# OF COMPLETION OF COMPLETION



Ref. no FF/6w/ 453

Finding Future For You...

### PROUDLY PRESENTED TO

	Complete	of KHA	S/o D/o Sh.	
JAVA	hundred twenty hour	or KHALSA COLLEGE OF ENGG. OF TECHNOLOGY	S/OD/OSh. HARDEEP SINGH	SONALE
	hundred twenty hours (120 Hrs.) ISO Certificate Course in	TECHNOLOGY Has Successfully		



nternational

of the above Course, we have found him/her a hardworking

Tuky, 2023

AUGUST, 2023

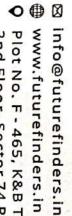
during the tenure











Plot No. F - 465, K&B Tower 8B, Mohali 2nd Floor, Sector 74 Phase

Mob.9855908009



S.No. 348664

### Certificate of Training

This certificate has been awarded to Mr Tanpreet singh from khalsa college of engineering and technology who has undertaken an internship program of 6 Weeks from 03/07/2023 to 16/08/2023 in Python Department from Solitaire Infosys Pvt. Ltd.

During the tenure of this internship with us, we found the candidate self-starter and hardworking. Also he had worked sincerely on the assignments and his performance was satisfactory to be part of the team.

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We wish the Candidate success for all the future endeavors.

For Solitaire Infosys Pvt. Ltd.

Sagar Suchry

### Human Resources Department in a slinity slinity slinity

Note: To check the authentication of certificate, please visit www.slinfy.com



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### MECHANICAL ENGINEERING DEPARTMENT

Subject Name: 4 Week Industrial Training

Subject Code: BTME 409-18

Semester: 5th Sem

Sr. No.	Roll Number	Name Of Student	Name of Company/ Institute
1.	2105415	Harish Kumar '	Central Institute of Petrochemicals Engineering & Technology (CIPET), Amritsar
2.	2105417	Princepal Singh	Central Institute of Petrochemicals Engineering & Technology (CIPET), Amritsar
3.	2105418	Ritik Singh	Central Institute of Petrochemicals Engineering & Technology (CIPET), Amritsar
4.	2105419	Sanjot Singh	Central Institute of Petrochemicals Engineering & Technology (CIPET), Amritsar
5.	2205050	Gurpreet Singh	Central Institute of Petrochemicals Engineering & Technology (CIPET), Amritsar

(Dr. Sandeep Devgan)

HOD (Mechanical Engineering)

Head Mechanical Engg. Deptt. Khalsa College of Engg. & Technology Amritsar

Ranjit Avenue, C Block, Amritsar, Punjab (India)-143001

रसायन एवं पेट्रो-रसायन विभाग रसायन एवं उर्वरक मंत्रालय, भारत सरकार पोस्ट-रेयन एण्ड सिल्क मिल्स, अमृतसर-143 104

दूरभाष : 0183-2256602, 2258938, फैक्स : 0183-2258671

ई-मेल : amritsar@cipet.gov.in वेबसाईट : www.cipet.gov.in

मुख्यालय : सिपेट, गिण्डी, चेन्नै - 600 032





### CIPET: CENTRE FOR SKILLING AND TECHNICAL SUPPORT (CSTS)

Deptt. of Chemicals & Petrochemicals Ministry of Chemicals & Fertilizers, Govt. of India P.O. RAYON & SILK MILLS, AMRITSAR - 143 104 Ph.: 0183-2256602, 2258938

Fax: 0183-2258671 E-mail: amritsar@cipet.gov.in

website : www.cipet.gov.in Head Office : CIPET, GUINDY, CHENNAI - 600 032

CIPET/ASR/CAD/2023-24/123

05, September, 2023

Training & Placement Officer Khalsa College Of engineering and technology

Subject: Software Training Of Two Month

Dear Sir,

This is to inform you that Mr. Harish Kumar S/o Mr. Manoj Kumar, Roll No. 2105415 Student (3<sup>rd</sup> year) of your college takes admission in Software Training in our institute from July 20, 2023. During his training period he will learn his software in CAD Centre.

With regards

अहमदाबाद, अमृतसर, औरंगाबाद, अगरतला, वदी, बालासोर, बेंगलुरू, घोपाल, भुवनेश्वर, चन्त्रपुर, घेन्नै, गुरुग्राम, गुवाहाटी, ग्वालियर, हैदराबाद, हाजीपुर, हिन्दया, इम्फाल, जयपुर, कोच्चि, लखनउ, मदुरै, मुरचल, मैसूरू, रायपुर, राँची, वलसाड एवं विजयवाड़ा

Centres : Ahmedabad, Amritsar, Aurangabad, Agartala, Baddi, Balasore, Bengaluru, Bhopal, Bhubaneswar, Chandrapur, Chennai, Gurugram, Guwahati, Gwalior, Hyderabad, Hajipur, Haldia, Imphai, Jaipur, Kochi, Lucknow, Maduurai, Murthal, Mysuru, Raipur, Ranchi, Valsad & Vijayawada



CENTRE HEAD from 26.07.2023 to 09.10.2023 Certificate No.: A 168005 🖎 CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY (CIPET has successfully completed the training programme titled (Department of Chemicals & Petrochemicals, Ministry of Chemicals & Fertilizers, Govt. of India) (Auto CAD + Solidworks + Master CAM + CATIA) TRAINING//C - VTC HEAD OFFICE: GUINDY, CHENNAI - 600 032. (Formerly Central Institute of Plastics Engineering & Technology) CERTIFICATE This is to certify that CAD Superior Sla / Dla / Wla .... MANOJ.KUMAR ..... COURSE COORDINATOR Shu | Sut. | Mis. HARISH KUMAR CENTRE AMRITSAR 10.11.2023 CIPET 闭中 C Date:

रसायन एवं पेट्रो-रसायन विभाग रसायन एवं उर्वरक मंत्रालय, भारत सरकार पोस्ट-रेयन एण्ड सिल्क मिल्स, अमृतसर-143 104

दूरभाष: 0183-2256602, 2258938, फैक्स: 0183-2258671

ई-मेल : amritsar@cipet.gov.in वेबसाईट : www.cipet.gov.in

मुख्यालय : सिपेट, गिण्डी, चेन्नै - 600 032





CIPET: CENTRE FOR SKILLING AND TECHNICAL SUPPORT (CSTS)

Deptt. of Chemicals & Petrochemicals Ministry of Chemicals & Fertilizers, Govt. of India P.O. RAYON & SILK MILLS, AMRITSAR - 143 104 Ph.: 0183-2256602, 2258938

Fax: 0183-2258671

E-mail: amritsar@cipet.gov.in

website; www.cipet.gov.in

Head Office: CIPET, GUINDY, CHENNAI - 600 032

CIPET/CAD/2023-24/92

Khalsa College of Engineering & Technology Ranjit Avenue, C Block, Amritsar

July18, 2023

Subject: Software Training

Dear Sir,

This is to inform you that Mr. Princepal Singh S/o S. Gurbax Singh, University Roll No. 2105417 student of B.Tech Mechanical of your college has undergoing Software Training in our institute from July 06, 2023 to Aug 03, 2023. During his training period, he will learn AutoCAD software's in CAD Centre.

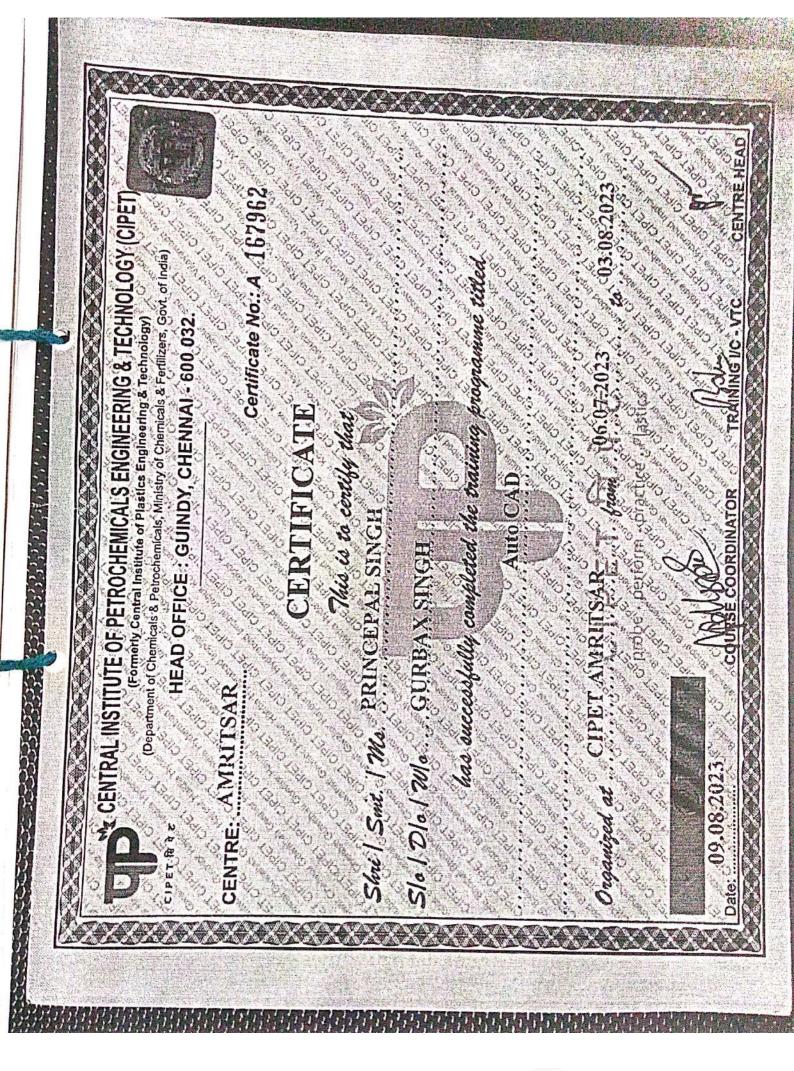
With regards



अहमदाबाद, अमृतसर, औरंगाबाद, अगरतला, बदी, बालासोर, बेंगलुरू, भोपाल, भुवनेश्वर, चन्द्रपुर, चेन्नै, गुरूग्राम, गुवाहाटी, ग्वालियर, हैदराबाद, हाजीपुर,

हल्दिया, इम्फाल, जयपुर, कोच्चि, लखनउ, मदुरै, मुरथल, मैसूरू, रायपुर, राँची, वलसाड एवं विजयवाड़ा Centres : Ahmedabad, Amritsar, Aurangabad, Agartala, Baddi, Balasore, Bengaluru, Bhopal, Bhubaneswar, Chandrapur, Chennai, Gurugram, Guwahati,

Gwalior, Hyderabad, Hajipur, Haldia, Imphal, Jaipur, Kochi, Lucknow, Maduurai, Murthal, Mysuru, Raipur, Ranchi, Valsad & Vijayawada



रसायन एवं पेट्रो-रसायन विभाग रसायन एवं उर्वरक मंत्रालय, भारत सरकार पोस्ट-रेयन एण्ड सिल्क मिल्स, अमृतसर-143 104

दूरभाष : 0183-2256602, 2258938, फैक्स : 0183-2258671 ई-मेल : amritsar@cipet.gov.in

वेवसाईट : www.cipet.gov.in मुख्यालय : सिपेट, गिण्डी, चेन्नै - 600 032



CIPET: CENTRE FOR SKILLING AND TECHNICAL SUPPORT (CSTS)

Deptt. of Chemicals & Petrochemicals Ministry of Chemicals & Fertilizers, Govt. of India P.O. RAYON & SILK MILLS, AMRITSAR - 143 104 Ph.: 0183-2256602, 2258938

Fax: 0183-2258671

E-mail: amritsar@cipet.gov.in website: www.cipet.gov.in

Head Office : CIPET, GUINDY, CHENNAI - 600 032

CIPET/CAD/2023-24/90

Khalsa College of Engineering & Technology Ranjit Avenue, C Block, Amritsar July18, 2023

Subject: Software Training

Dear Sir,

This is to inform you that Mr. Ritik Singh S/o S. Baldev Singh, University Roll No. 2105418 student of B.Tech Mechanical of your college has undergoing <u>Software Training</u> in our institute from July 06, 2023 to Aug 03, 2023. During his training period, he will learn AutoCAD software's in CAD Centre.

With regards

Course Co-ordinator

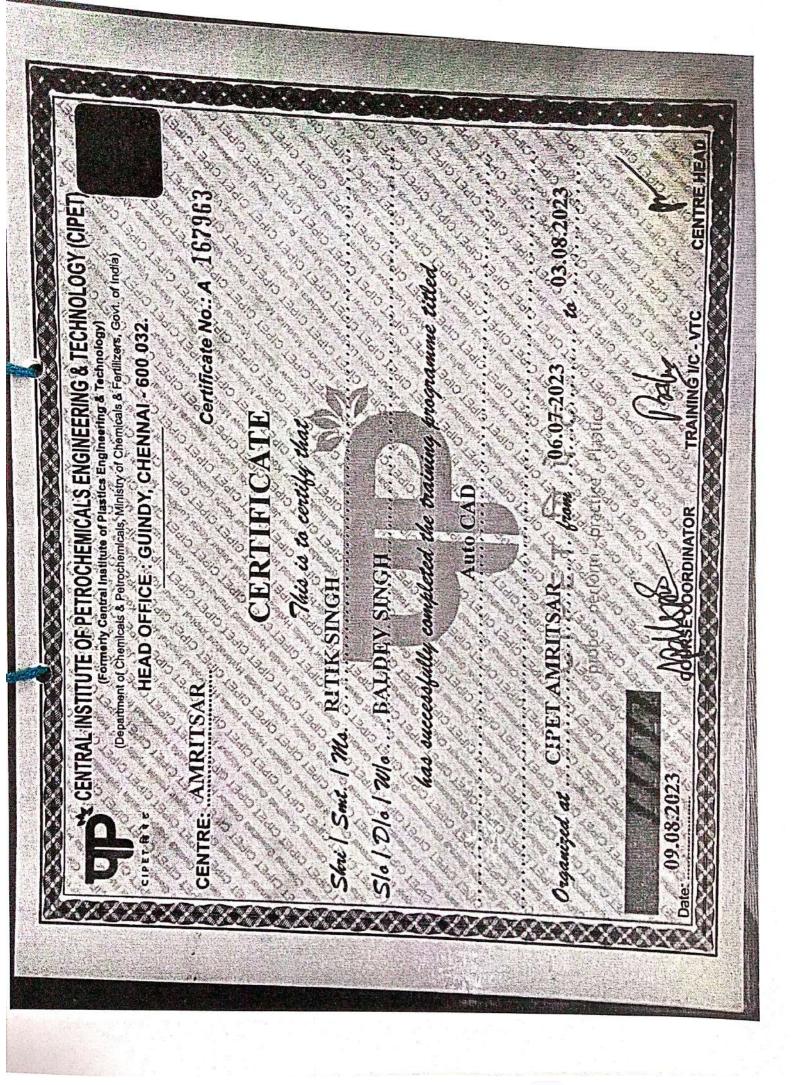
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हिल्दिया, इम्फाल, जयपुर, कोच्चि, लखनउ, मदुरै, मुरयल, मैसूरू, रायपुर, राँची, वलसाड एवं विजयवाड़ा Centres : Ahmedabad, Amritsar, Aurangabad, Agartala, Baddi, Balasore, Bengaluru, Bhopal, Bhubaneswar, Chandrapur, Chennai, Gurugram, Guwahati, Gwalior, Hyderabad, Hajipur, Haldia, Imphal, Jaipur, Kochi, Lucknow, Maduurai, Murthal, Mysuru, Raipur, Ranchi, Valsad & Vijayawada



रसायन एवं पेट्रो-रसायन विभाग रसायन एवं उर्वरक मंत्रालय, भारत सरकार पोस्ट-रेयन एण्ड सिल्क मिल्स, अमृतसर-143 104

दूरभाष : 0183-2256602, 2258938, फैक्स : 0183-2258671

ई-मेल : amritsar@cipet.gov.in वेबसाईट : www.cipet.gov.in

मुख्यालय : सिपेट, गिण्डी, चेन्नै - 600 032



### CIPET: CENTRE FOR SKILLING AND TECHNICAL SUPPORT (CSTS)

Deptt. of Chemicals & Petrochemicals Ministry of Chemicals & Fertilizers, Govt. of India P.O. RAYON & SILK MILLS, AMRITSAR - 143 104

Ph.: 0183-2256602, 2258938 Fax: 0183-2258671

E-mail: amritsar@cipet.gov.in

website: www.cipet.gov.in

Head Office : CIPET, GUINDY, CHENNAI - 600 032

CIPET/CAD/2023-24/89

Khalsa College of Engineering & Technology Ranjit Avenue, C Block, Amritsar

July18, 2023

Subject: Software Training

Dear Sir,

This is to inform you that Mr. Sanjot Singh S/o S. Gurmeet Singh, University Roll No. 2105419 student of B.Tech Mechanical of your college has undergoing Software Training in our institute from July 06, 20<mark>23</mark> to Aug 03, 2023. During his training period, he will learn AutoCAD

With regards

irse Co-ordinator



अहमदाबाद, अमृतसर, औरंगाबाद, अगरतला, बद्दी, बालासोर, बेंगलुरू, भोपाल, भुवनेश्वर, चन्द्रपुर, चेन्नै, गुरुग्राम, गुवाहाटी, ग्वालियर, हैदराबाद, हाजीपुर, हिल्दिया, इम्फाल, जयपुर, कोच्चि, लखनउ, मदुरै, मुरथल, मैसूरू, रायपुर, राँची, वलसाड एवं विजयवाड़ा Centres : Ahmedabad, Amritsar, Aurangabad, Agartala, Baddi, Balasore, Bengaluru, Bhopal, Bhubaneswar, Chandrapur, Chennai, Gurugram, Guwahati,

Gwalior, Hyderabad, Hajipur, Haldia, Imphal, Jaipur, Kochi, Lucknow, Maduurai, Murthal, Mysuru, Raipur, Ranchi, Valsad & Vijayawada

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Fax: 0183-2258671 E-mail: amritsar@cipet.gov.in

website: www.cipet.gov.in

Head Office: CIPET, GUINDY, CHENNAI - 600 032

July18, 2023

CIPET/CAD/2023-24/9/

Khalsa College of Engineering & Technology Ranjit Avenue, C Block, Amritsar

Subject: Software Training

Dear Sir,

This is to inform you that Mr. Gurpreet Singh S/o S. Joga Singh, University Roll No. 2205050 student of B.Tech Mechanical of your college has undergoing Software Training in our institute from July 06, 2023 to Aug 03, 2023. During his training period, he will learn AutoCAD software's in CAD Centre.

With regards

ordinator



केन्द्र : अहमदाबाद, अमृतसर, औरंगाबाद, अगरतला, बद्दी, बालासोर, बेंगलुरू, भोपाल, भुवनेश्वर, चन्द्रपुर, चेन्नै, गुरुग्राम, गुवाहाटी, ग्वालियर, हैदराबाद, हाजीपुर, हल्दिया, इम्फाल, जयपुर, कोच्चि, लखनउ, मदुरै, मुरथल, मैसूरु, रायपुर, राँची, वलसाड एवं विजयवाड़ा

Centres : Ahmedabad, Amritsar, Aurangabad, Agartala, Baddi, Balasore, Bengaluru, Bhopal, Bhubaneswar, Chandrapur, Chennai, Gurugram, Guwahati, Gwalior, Hyderabad, Hajipur, Haldia, Imphal, Jaipur, Kochi, Lucknow, Maduurai, Murthal, Mysuru, Raipur, Ranchi, Valsad & Vijayawada

CIPET सि पे ट

CENTIAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY (CIPET)
(Formerly Central Institute of Plastics Engineering & Technology)

(Department of Chemicals & Petrochemicals, Ministry of Chemicals & Fertilizers, Govt. of India)

HEAD OFFICE: GUINDY, CHENNAI - 600 032.



CENTRE: AMRITSAR	Certificate No.: A 167965
	CERTIFICATE
	This is to certify that
Shri   Smt.   Ms. GUR	
Sla / Dla / Wla JOG.	
has successfo	ully completed the training programme titled
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09.08.2023	QOURSE COORDINATOR TRAINING I/C - VTC CENTRE HEAD

**Institutional Summer Training (After 2nd Semester)** 



### Khalsa College of Engineering & Technology ਖ਼ਾਲਸਾ ਕਾਲਜ ਆਫ਼ ਇੰਜੀਨੀਅਰਿੰਗ ਐਂਡ ਟੈਕਨੋਲੋਜੀ (Governed by Khalsa College Charitable Society, Amritsar, Imparting Affordable and Quality Education Since 1982) (Approved by AICTE, New Delhi & Affiliated to IKG Punjab Technical University, Jalandhar (Govt. of Punjab))





Accredited by NAAC Grade "A"

### DEPARTMENT OF CIVIL ENGINEEREING

### List of Students

### Training-I (BTCE-332-18)

S.No	Uni Roll No	Name
1	2204917	CHANDRASHEKHAR KUMAR
2	2204918	DHAMENDRA KUMAR
3	2204921	JAMES BENADICTORS
4	2204923	MD FAISHAL
5	2204924	NAVEEN KUMAR
6	2204925	Phul Babu Yadav
7	2204926	PINTU KUMAR THAKUR
8	2204928	PRAVEEN KUMAR

Er. Sameeksha Joshi **Fraining Co-ordinator** 

Deptt. of Civil Engg. Khalsa College of Engg. & Tech. Amritsar

	KHALSA COLLEGE OF ENGIN	t Of Civil Eng	ineering
	Timetable For Institutional Sum	mer Trainin	g (Academic Year 2022-2023)
	WEEK-I (19	TH JULY TO 22	(ND (ULY)
	9.00am - 12.45pm		1.15 pm - 5.00 pm
Mon	Module-1 & 2 (Institutional Training)		Module-3, 4, 5 (Field and Market Study)
Tues	Module-1 & 2 (Institutional Training)		Module-3, 4, 5 (Field and Market Study)
Wed	Module-1 & 2 (Institutional Training)	Break	Module-3 4.5 (Field and Market Study)
Thu	Module-1 & 2 (Institutional Training)		Module-3, 4, 5 (Field and Market Study)
Fri	Module-1 & 2 (Institutional Training)		Module-3, 4, 5 (Field and Market Study)
-		TH JULY TO 2	9TH IIII.Y)
Mon	Module-1 & 2 (Institutional Training)		Module-3, 4, 5 (Field and Market Study)
Tues	Module-1 & 2 (Institutional Training)		Module-3, 4, 5 (Field and Market Study)
Wed	Module-1 & 2 (Institutional Training)	Break	Module-3, 4, 5 (Field and Market Study)
Thu	Module-1 & 2 (Institutional Training)		Module-3, 4, 5 (Field and Market Study)
Fri	Module-1 & 2 (Institutional Training)		Module-3, 4, 5 (Field and Market Study)
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Tues	Medule-1 & 2 (Institutional Training)		Module-3, 4, 5 (Field and Market Study)
Wed	Module-1 & 2 (Institutional Training)	Break	Module-3, 4, 5 (Field and Market Study)
Thu	Module-1 & 2 (Institutional Training)		Module-3, 4, 5 (Field and Market Study)
Fri	Module-1 & 2 (Institutional Training)		Module-3, 4, 5 (Field and Market Study)

Course	Code .	Faculty		
Professional	president and	Er. Narinder Sharma	Module 3,4,5	1. Total Training Hour as per schedule = 140
Skill	BTCE	Er. Ravinder Kaur	Module 1,2,3,4,5	2. Training hours conducted by faculty = 105
Enhancement	332-18	Er. Vishal	Module 1&2	3. Guest Lectures
Training-I		Er. Akarshan Uppal	Module 1,2,3,4,5	4. Industrial Visit
Troning.	10000	Er. Sameeksha Joshi	Module 3,4,5	

for Don TT Incharge H. P.

Dean Academics

Director







### Ranjit Avenue, C-Block, Amritsar **Attendance Cum Academic Performance Record**

Name of	Faculty Es Sameel	Olai Osill
Class	3rd Sem (CE)	Subject Enhancement Tearing -
Session	June - July 2023	_Batch 2022 - 2026

### KHALSA COLLEGE OF NGINEERING & TECHNOLOGY



### Ranjit Avenue, C-Block, Amritsar Attendance Cum Academic Performance Record

Name of Faculty	EL	Sameeksha	Josh	· '		100
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Session <u>2022 - 2026</u>						
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### **Students Attendance Record**

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### IK Gujral Punjab Technical University Jalandhar

### Institutional Summer Vacation Training (Batch 2018 and onwards)

Four (04) weeks Institutional Summer Vacation Training after 2<sup>nd</sup> semester for B. Tech. programme. B. Tech. (Civil Engineering)

Objective: The training is compulsory and is for the orientation of the students of the Civil Engineering so that they are aware of/can identify the industrial, departmental, environmental, societal and other issues that are a challenge in the society and develop the ability to find solutions. The training in the concerned discipline will be provided in College/Department Labs/Workshops

#### Content to be covered:

Modulo

Module I, II Hands on training/ practical knowledge on any three/four of the given contents Module III, IV & V: Compulsory

Module	Content	Remarks
	<ul> <li>Hands on training of MS word office.</li> <li>PPT and graphs in Excel.</li> <li>Report writing skills.</li> <li>The needs of Building and safety requirements.</li> <li>Classification of Buildings/ roads/water resources structures.</li> </ul>	30 hours
11	<ul> <li>Measurements of an area of existing Building</li> <li>Making Building Layout Plans with measurements.</li> <li>Introduction to the AutoCAD.</li> <li>Study of Various civil software's in Industry</li> <li>Introduction to construction tools and equipment.</li> </ul>	30 hours
Ш	<ul> <li>Making Building Plan using CAD.</li> <li>Illustration of components in layout Plan: rooms, kitchen, bathroom.</li> <li>Walls thickness, Doors and windows etc.</li> </ul>	30 hours
IV	<ul> <li>Importance of Civil Engineering Infrastructure.</li> <li>Visit to Construction Site/Dam/ RMC Plant related to discipline/branch (The faculty and students to identify small issues and propose requisite solutions/ remedies/ innovative solutions based on engineering)</li> <li>Invited talk by Industry Expert</li> </ul>	25 hours

Make an inventory of construction and finishing materials being used.
Student shall do Market Survey for availability and rates of materials in

Environmental/Traffic congestion/ Water related issues and identify a

Visit to local NGO/village/city to identify socio-economic/

problem and prepare a "Problem formulation report"

Expert talk on recent technologies

the already prepared inventory



Remarks

25 hours

### IK Gujral Punjab Technical University Jalandhar

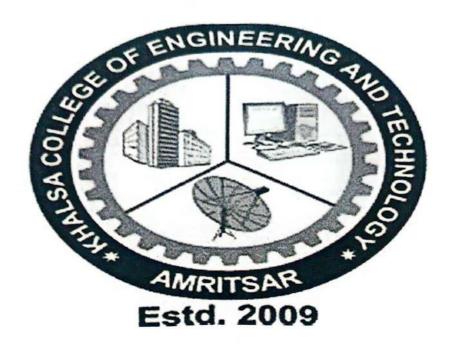
#### Institutional Summer Vacation Training (Batch 2018 and onwards)

Module	Content	Remarks
	<ul> <li>To have a group discussion on the issues identified with faculty and to propose requisite solutions/remedies/innovative solutions based on Engineering.</li> </ul>	
Total Tim	e	140 hours

#### **Evaluation Criterion:**

- i) Four (04) weeks Institutional Summer Vacation Training after 2<sup>nd</sup> semester is a compulsory having One Credit course.
- ii) The students are required to maintain a daily dairy and submit it along with the "Problem formulation report".
- iii) Student falling short of 75% attendance criterion is required to repeat the training with next batch.
- iv) Continuous evaluation to be done and proper record to be maintained.

The students need to submit a summary report of the institutional training of Module I-V. A detailed report/scrapbook of inventory and market survey done in Module V. The viva exam for the subject will be conducted along with the practical exams of the End-Semester Examination of Third Semester



Subject Name: Professional Skill Enhancement Training -1

Subject Code: - BTCE-332-18

Session- June-July 2023

SUBMITTED BY-CHANDRASHEKAR KUMAR B. TECH (CE)-3<sup>RD</sup> SEM ROLL NO- 2204917

SUBMITTED TO

DEPARTMENT OF CIVIL ENGINEERING



Subject Name: Professional Skill Enhancement Training -1
Subject Code: - BTCE-332-18

Session- June-July 2023

SUBMITTED BY-DHAMENDRA KUMAR B. TECH(CE)-3<sup>RD</sup> SEM ROLL NO- 2204918

SUBMITTED TO

DEPARTMENT OF CIVIL ENGINEERING



SUBJECT NAME:-INSTITUTIONAL SUMMER VACATION TRAINING
SUBJECT CODE:- BTCE-332-18
SESSION- June-July 2023

SUBMITTED BY:

James Benadictors Chinguwo

DEPARTMENT OF CIVIL ENGINEERING



Subject Name: Professional Skill Enhancement Training -1

Subject Code: - BTCE-332-18

Session-June-July 2023

SUBMITTED BY-MD FAISHAL B. TECH (CE)-3<sup>RD</sup> SEM ROLL NO- 2204923

SUBMITTED TO

DEPARTMENT OF CIVIL ENGINEERING



Subject Name: Professional Skill Enhancement Training -1

Subject Code: - BTCE-332-18

Session-June-July 2023

SUBMITTED BY-NAVEEN KUMAR B. TECH (CE)-3<sup>RD</sup> SEM ROLL NO- 2204924

SUBMITTED TO

DEPARTMENT OF CIVIL ENGINEERING



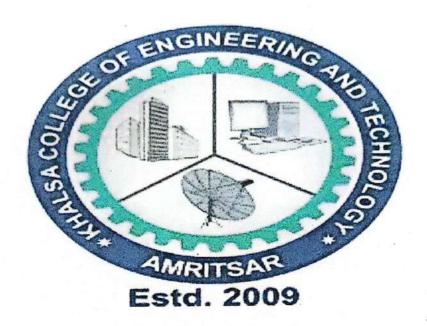
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Subject Name: Professional Skill Enhancement Training -1
Subject Code: - BTCE-332-18
Session- June-July 2023

SUBMITTED BY-PHUL BABU YADAV B. TECH (CE)-3<sup>RD</sup> SEM ROLL NO- 2204925

SUBMITTED TO

DEPARTMENT OF CIVIL ENGINEERING



Subject Name: Professional Skill Enhancement Training -1

Subject Code: - BTCE-332-18

Session-June-July 2023

SUBMITTED BY-PRAVEEN KUMAR B. TECH (CE)-3<sup>RD</sup> SEM ROLL NO- 2204928

SUBMITTED TO

DEPARTMENT OF CIVIL ENGINEERING



Subject Name: Professional Skill Enhancement Training -1

Subject Code: - BTCE-332-18

Session-June-July 2023

SUBMITTED BY-PINTU KUMAR THAKUR B. TECH(CE)-3<sup>RD</sup> SEM ROLL NO- 2204926

SUBMITTED TO

DEPARTMENT OF CIVIL ENGINEERING



Finding Future For You

Ref. No. 11 6W

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The Director.
Training & Placement Offices.
Khalsa, Callete, Erry &

Sub: Confirmation (NOC) for 6WEEK Industrial Training in PITHON

Dear Sir Madam

We feel pleasure to acquaint with our company Future Finders, an ISO Certified Company, as pioneer in the field of Software Development &Industrial Internship. Our Company involves in Software Development, Web Designing, Industrial Training in Production and Manufacturing Unit, On-site Training Corporate Training. Consulting and Promoting Outstanding Products of various companies. We have substantial experience in Analyzing, Designing, Developing. Testing. Implementing and Supporting Projects.

We Future Finders confirm training of Mr./Ms. ADITYA KUHAR

University Roll No. 2014943 of CSE branch in our esteemed organization and as per the rule we are provide the No Objection Certificate (NOC) for 6 WEEK Industrial Training in our premises. His/her training will be starting from Juwy 2024.

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

Thanks & Regards

HARJIT KAUR
BRANCH MANAGER- FOLURE FINDERS

Mob. No.: +91-6280457705



+91-985 590 8009

👺 into@tuturefinders.in

. www.futurefinders in

 Plot No. 1 - 465, K&B Tower 2nd Floor, Phase SB Sector 4, Mohale





Ref. No.: FF/6W/

Dated: Stuulzozy

To

The Director, Training & Placement Officer, Khata lallige Rigs

Sub: Confirmation (NOC) for 6 WEEK Industrial Training in SYTHOW

Dear Sir/Madam

We feel pleasure to acquaint with our company Future Finders, an ISO Certified Company, as pioneer in the field of Software Development &Industrial Internship. Our Company involves in Software Development, Web Designing, Industrial Training in Production and Manufacturing Unit, On-siteTraining Corporate Training, Consulting and Promoting Outstanding Products of various companies. We have substantial experience in Analyzing, Designing, Developing, Testing, Implementing and Supporting Projects.

We Future Finders confirm training of Mr./Ms. Sawahh Kuman branch in our esteemed University Roll No. 2204986 Of CSE organization and as per the rule we are provide the No Objection Certificate (NOC) for Industrial Training in our premises. His/her training will be starting from June 2084.

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

Thanks & Regards

HARJIT KAUR BRANCH MANAGER- FUTURE FINDER

Mob. No.: +91-6280457705



C +91-985 590 8009

info@futurefinders.in

www.futurefinders.in

Plot No. F- 465, K&B Tower 2nd Floor, Phase 8B.Sector74, Mohali

## Solitaire

To

Training & Placement Officer

Khalsa College of Engineering & Technology,

Amritsar.

Subject: CONFIRMATION OF 6 WEEKS INTERNSHIP PROGRAMME

Dear Sir/Madam,

It is our pleasure to confirm you that, Ms. Jahanvi Rana D/O Mr. Kamaljit Singh Rana student of your college is enrolled for 6 weeks internship with us under the session Jun 2024 – Jul 2024.

The management will view the performance of the candidate during this period of Internship.

Regards

Gagandeep Sawhney

General Manager

M: +91-9876697771

## Solitaire Infosys Pvt. Ltd

Simple Creative innovative

INDIA (Head Office): - Plot No: C-110, Industrial Area, Phase-7 Mohali (Pb.) | Ph: 0172 5090856

INDIA (Branch Office): - SCO 81-82, W-Tower, Above Yes Bank, Leela Bhawan, Patiala (Pb.) | Ph: 0175 5014469

CANADA (Branch Office): - SUITE 208, 3474-93 STREET NW EDMONTON ALBERTA-T6E 6A4, CANADA | 917)-829-3700

US (Corporate Office): - 24981, 'OWENS LAKE CIR, LAKE FOREST CA 92630-2522

#### Solitaire Infosys

To

Training & Placement Officer

5/27/24 11 ne A.

Khalsa College of Engineering & Technology,

Amritsar.

Subject: CONFIRMATION OF 6 WEEKS INTERNSHIP PROGRAMME

Dear Sir/Madam,

It is our pleasure to confirm you that, Ms. Mehakdeep Kaur D/O Mr. Lakhwinderjit Singh student of your college is enrolled for 6 weeks internship with us under the session Jun 2024 – Jul 2024.

The management will view the performance of the candidate during this period of Internship.

Regards

Gagandeep Sawhney

General Manager

M: +91-9876697771

## Solitaire Infosys Pvt. Ltd

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US (Corporate Office): - 24981, OWENS LAKE CIR, LAKE FOREST CA 92630-2522



To

Training & Placement Officer

Khalsa College of Engineering & Technology,

Amritsar.

Subject: CONFIRMATION OF 4-6 WEEKS INTERNSHIP PROGRAMME

Dear Sir/Madam,

It is our pleasure to confirm you that, Mr. Prince Kumar S/O Mr. Rajesh Kumar Jaiswal student of your college is enrolled for 4-6 weeks internship with us under the session Jun 2024 – Jul 2024.

The management will view the performance of the candidate during this period of Internship.

Regards

Gagandeep Sawhney

General Manager

M: +91-9876697771

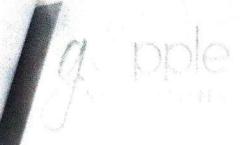
# Solitaire Infosys Pvt. Ltd Simple Creating innovations of the Creating innovation of the Creating inno

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US (Corporate Office): - 24981, OWENS LAKE CIR, LAKE FOREST CA 92630-2522





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Dr. Jasteen Kaur. 110D, Computer Science and Engineering. Khalsa College of Engineering and Technology, Amritsat

Subject: Confirmation of B.Tech CSE 4th Sem Students' Training at Green Apple Media Solutions

Dear Mam.

I hope you well. I am writing on behalf of Green Apple. Amritsar, with regards to the tracing program for B.Tech CSE 4th Semester students from Khalsa College of Engineering & Technology.

We are pleased to inform you that the following student have successfully enrolled in our 45-day training program focused on Web Development:

1. Priya Kumari (Roll no. 2204981)

Our training program is designed to provide comprehensive knowledge and hands-on experience in the field of Web Development. We believe that this experience will significantly contribute to their academic and professional growth.

Throughout the training period, our experienced trainers will ensure that the students receive practical exposure to industry-relevant tools and technologies, equipping them with the necessary skills to excel in this domain.

We are committed to providing a conducive learning environment and look forward to a fruitful collaboration with Khalsa College of Engineering & Technology.

If you have any further questions or require additional information, please feel free to reach out to me.

Thank you for your cooperation. Warm regards.

GREEN APPLE MEDIA SOLUTIONS A HUB OF ONLINE MEDIA

**Green Apple Media Solutions** 



CETPA INFOTECH PVT.LTD.

D-58, Sector-2, Near harm

Gmail

Gmail - Fixel Congretishment You have been eeeligned Problem Statement for Intel Unnet Industrial Training Program 2024

Alok Kumar <alokkumaregl@gmail.com>

Fwd: Congratulations! You have been assigned Problem Statement for Intel Unnati Industrial Training Program 2024

Thus Jun 20, 2024 at 3:38 PM

TETRASE PROPERTY AND LA

vidhi Vidhi <vidh:4671@amali.com>

alokkumarsgi@gmail.com

From Intel® Unnati Industrial Training Program 2024 <support@unnatiindustrialtraining2024 com>

Subject Congratulations' You have been assigned Problem Statement for Intel Unnati Industrial Training Program 2024

To evidhiv671@Domail.com



Dear Student

Thank you for submitting your application for the Intel® Unnati Industrial Training Program 2024. We have reviewed your application, and are happy to let you know that your application has been accepted for participation in the program this year.

Based on your preference of Problem Statements, we would like to confirm that you have been assigned "GPS Toll-based System Simulation using Python".

An Intel Executive will be hosting an Online Training Session for your assigned Problem Statement at 10:00 AM to 12:00 PM IST on 20 May 2024. This session is designed to help you clearly understand the requirements pertaining to your project, and get an idea of how to approach working on the same. As such, we encourage you to attend this session without fail.

You can join the session by clicking this link.

Please make sure that you join the session using the email id that you used while registering for the program. Also, if you are

Program Flow

20 May - 30 June, 2024 | Online Trainings

Intel Experts to conduct 2 series of Program Statement focused Online Trainings, followed by 2 rounds of Q&A sessions with Industry Experts.

■ 10 July, 2024 | Project Submission Deadline

Deadline for participating students/learns to submit completed Projects, Reports and Completion Forms via the Program Portal,

01 August, 2024 | Results Announcement

Deadline for intel to announce the results of the Industrial Training Program, and share E-Cartificates with all qualified participants via Email.

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Intel® Unnati Industrial Training Program 2024 team

This email was sent to vidhiv671@gmail.com why did I get this? unsubscribe from this list update subscription preferences Beahead Private Limited 103/104 Rh - Purva Riviera, Marathahalli - Bangalore, Kamataka 560037 - India

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+91 9031341222

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info@digitaldicttechnology.com www.digitaldicttechnology.com

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Ghosrama, Piar, Muzaffarpur, Bihar Jindia (843115)

Date: 1 June 2024

TO,

The Head of Department,

Department of Computer Science And Technology Khalsa College of Engineering and Technology, Amritsar, Punjab

ADDIOS NEDE AND

Subject: Internship Confirmation for Prerna Sinha

I am writing to confirm that Ms. Prerna Sinha, a 3rd-year student of BTECH CSE (Roll No.: 2204978) from your esteemed institution, has been selected for an internship at Digitaldict Technology Pvt Ltd.

#### Internship Details:

· Position: Intern

· Specification: Frontend Web Development

· Duration: 45 days

Start Date: June 1, 2024
 End Date: July 20, 2024

Ms. Sinha will be engaged in tasks focused on frontend web development, including crafting and maintaining interactive user interfaces, ensuring seamless user experiences, and collaborating closely with our design and development teams. This internship aims to provide her with practical industry experience and refine her skills in line with her academic background.

Upon successful completion, she will receive a **Certificate of Internship** from our company.

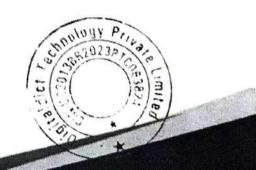
We are delighted to have **Ms. Prerna Sinha** join our team and are confident that this experience will be mutually beneficial.

Thank you for your cooperation.

Shubham Kumar

Bullan

(Founder and CEO)





0

+91 9031341222

V5738011



info@digitaldicttechnology.com www.digitaldicttechnology.com



Ghosrama, Piar, Muzaffarpur, Bihar ,India (843115)

Date: 1 June 2024

TO.

The Head of Department,

Department of Computer Science And Technology Khalsa College of Engineering and Technology, Amritsar, Punjab

Subject: Internship Confirmation for Ishita Kumari

I am writing to confirm that Ms. Ishita Kumari, a 3rd-year student of BTECH CSE (Roll No.: 2204958) from your esteemed institution, has been selected for an internship at Digitaldict Technology Pvt Ltd.

#### Internship Details:

· Position: Intern

· Specification: Frontend Web Development

· Duration: 45 days

Start Date: June 1, 2024End Date: July 20, 2024

Ms. Ishita will be engaged in tasks focused on frontend web development, including crafting and maintaining interactive user interfaces, ensuring seamless user experiences, and collaborating closely with our design and development teams. This internship aims to provide her with practical industry experience and refine her skills in line with her academic background.

Upon successful completion, she will receive a **Certificate of Internship** from our company. We are delighted to have **Ms. Ishita Kumari** join our team and are confident that this experience will be mutually beneficial.

Thank you for your cooperation.

Shubham Kumar

(Founder and CEO)





#### CETPA INFOTECH PVT.LTD.

D-58, Sector-2, Near Red FM. Noida -201301, Uttar Pradesh

#### GSTIN 09AACCC7355F1ZM

#### RECEIPT VOUCHER

DETAILS OF RECEIVER

Voucher No.: 7756230

Name : Anmol Raj

Voucher Date :5/27/2024

Address:

Training Location : NOIDA

Sarsaula khurd , Sheohar , Bihar (843329)

State: UttarPradesh

GST No. :\*\*\*\*\*

State Code:09

State:

Reverse Charge:\*\*\*\*

RegNo: ETCore3620246W5738011

BatchDate: :6/3/2024

SN Description of Product			Taxable	CGST		SGST		IGST		Advance Amount
		HSN Code	Amount ₹	Rate	Amount ₹	Rate	Amount ₹	Rate	Amount ₹	₹
1	Core Java 6 Weeks	SAC	847.00	9 %	76.50	9 %	76.50			
O	ified that the	portiouls	are diven a	hove	Total Ta	xable A	mount ₹			847.00
are	true and corre	ect.	ars giverio	10010	Total GS	ST ₹				153.00
For	Cetpa Infote	ch Pvt.	Ltd.		Invoice	Total ₹				1000.00
Auth	norised Signa	tory			GST Pa	ayble of	Reverse	Charge	₹	****
	OE)					KA GAIROL				

Note: Amount once paid is non refundable and non transferable in any circumstances.



Finding Future For You.

Dated Stow 2004

Ref. No.: 11/6W/

To

The Director, Training & Placement Officer, Maky Callye ags Tak duvalsale.

Sub: Confirmation (NOC) for 6 WEEK. Industrial Training in WIHOW

Dear Sir/Madam

We feel pleasure to acquaint with our company Future Finders, an ISO Certified Company, as pioneer in the field of Software Development &Industrial Internship. Our Company involves in Software Development, Web Designing, Industrial Training in Production and Manufacturing Unit, On-siteTraining Corporate Training, Consulting and Promoting Outstanding Products of various companies. We have substantial experience in Analyzing, Designing, Developing, Testing, Implementing and Supporting Projects.

We Future Finders confirm training of Mr./Ms. ABHINAV ANAND University Roll No. 8804937 Of CSE branch in our esteemed organization and as per the rule we are provide the No Objection Certificate (NOC) for 6 WEEK Industrial Training in our premises. His/her training will be starting from JUNG, 2024.

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

Thanks & Regards

HARJIT KAUR BRANCH MANAGER-FUTURE FINDER

Mob. No.: +91-6280457705



+91-985 590 8009

🗷 info@futurefinders.in

www.futurefinders.in

O Plot No. F. 465, K&B Tower 2nd Floor, Phase 8B, Sector 74, Mohali



Finding Juture For You.

Ref. No : FF/6W/

Dated: 3 Jun 2024

To

The Director,
Training & Placement Officer,
Kinha Pallige Lugg
Tal., Auvilan.

Sub: Confirmation (NOC) for 6WEEK Industrial Training in PYTHON

Dear Sir/Madam

We feel pleasure to acquaint with our company Future Finders, an ISO Certified Company, as pioneer in the field of Software Development &Industrial Internship. Our Company involves in Software Development, Web Designing, Industrial Training in Production and Manufacturing Unit, On-siteTraining Corporate Training, Consulting and Promoting Outstanding Products of various companies. We have substantial experience in Analyzing, Designing, Developing, Testing, Implementing and Supporting Projects.

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

Thanks & Regards

HARJIT KAUR
BRANCH MANAGER- FUTURE FINDER
Mob. No.: +91-6280457705



C +91-985 590 8009

info@futurefinders.in

www.futurefinders.in

Plot No. F- 465, K&B Tower 2nd Floor, Phase 8B,Sector74, Mohali



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Dated & and Song

The Director.
Training & Placement Officer.
Khalsa Callege er 99 4
Lectuology - News 1844

Sub: Confirmation (NOC) for GWEEK Industrial Training in PYTHON

Dear Sir/Madam

We feel pleasure to acquaint with our company Future Finders, an ISO Certified Company, as pioneer in the field of Software Development &Industrial Internship. Our Company involves in Software Development, Web Designing, Industrial Training in Production and Manufacturing Unit, On-siteTraining Corporate Training. Consulting and Promoting Outstanding Products of various companies. We have substantial experience in Analyzing, Designing, Developing, Testing, Implementing and Supporting Projects.

We Future Finders confirm training of Mr./Ms. AYUSH RAJ

University Roll No. 2204948 Of CSE branch in our esteemed organization and as per the rule we are provide the No Objection Certificate (NOC) for 6 WEET Industrial Training in our premises. His/her training will be starting from JUNE, 2024.

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

Thanks & Regards

HARJIT KAUR
BRANCH MANAGER- FUTURE FINDER

Mob. No.: +91-6280457705

ISO9001



C +91-985 590 8009

info@futurefinders.in

www.futurefinders.in

Plot No. 1: 463, K&B Tower 2nd Floor, Phase 8D, Sector 74, Mohali





Novem Controls

Ptot 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

Dated - 11/01/2024

Ref. No - NCPL/2023-24/003

To.

The Director

**Training & Placement Office** 

Khalsa College Of Engineering And Technology Amritsar, Punjab

Subject: CONFIRMATION OF 45 DAYS INTERNSHIP PROGRAM.

Dear Sir/Madam,

We are pleased to inform you that Anmolpreet Kour, D/O Sh. Ajaipal Singh, have roll number 2304228 of Branch Computer Science Engineering Department, has been successfully enrolled in our Six-Week industrial Internship program from ( June to July ) in our esteemed organization.

During the training, the student will have the opportunity to work on various projects and gain hands-on experience in their chosen field. Our team is eager to mentor and support students throughout the internship, and we encourage the students to actively participate in our daily activities.

The management will assess the candidate's performance throughout this period. We look forward to a productive and enriching 6 Week ahead with the candidate.

Best regards,

Yours faithfully,

For NOVEM CONTROLS





Finding Future For You.

Dated: 3 Jun 2024

Ref No. PERW

Tir

The Director, Training & Placement Officer, Maka Bligg Rigs

Sub: Confirmation (NOC) for 6NESK Industrial Training in NTHON

Dear Sir/Madam

We feel pleasure to acquaint with our company Future Finders, an ISO Certified Company, as pioneer in the field of Software Development &Industrial Internship. Our Company involves in Software Development, Web Designing, Industrial Training in Production and Manufacturing Unit, On-siteTraining Corporate Training, Consulting and Promoting Outstanding Products of various companies. We have substantial experience in Analyzing, Designing, Developing, Testing, Implementing and Supporting Projects.

We Future Finders confirm training of Mr./Ms. SHAH 2ALD HUNSER University Roll No. 236 4988 Of CSE branch in our esteemed organization and as per the rule we are provide the No Objection Certificate (NOC) for BUSSE Industrial Training in our premises. His/her training will be starting June 2024.

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

Thanks & Regards

HARJIT KAUR BRANCH MANAGER- FUTURE FINDER

Mob. No.: +91-6280457705

+91-985 590 8009

info@futurefinders.in

www.futurefinders.in

O Plot No. F- 465, K&B Tower 2nd Floor, Phase 8B, Sector74, Mohali



To

Training & Placement Officer

Khalsa College of Engineering and Technology,

Amritsar

Subject: CONFIRMATION OF 4-6 WEEKS INTERNSHIP PROGRAMME

Dear Sir/Madam,

It is our pleasure to confirm you that, Mr. Dhiraj Kumar S/O Mr. Jai Prakash Choudhary student of your college is enrolled for 4-6 weeks internship with us under the session Jun 2024 – Jul 2024.

The management will view the performance of the candidate during this period of Internship.

Regards

Gagandeep Sawhney

General Manager

M: +91-9876697771

## Solitaire Infosys Pvt. Ltd

Simple Creative innovative

INDIA (Head Office): Plot No: C-110, Industrial Area, Phase-7 Mohali (Pb.) | Ph: 0172 5090856
INDIA (Branch Office): SCO 81-82, W-Tower, Above Yes Bank, Leela Bhawan, Patiala (Pb.) | Ph: 0175 5014469
CANADA (Branch Office): SUITE 208, 3474-93 STREET NW EDMONTON ALBERTA-T6E 6A4, CANADA | (917)-829-3700
US (Corporate Office): 24981, OWENS LAKE CIR, LAKE FOREST CA 92630-2522



### 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

Dated - 15/05/2024

Ref. No - NCPL/2023-24/045

To,

The Director

**Training & Placement Office** 

Khalsa College Of Engineering And Technology Amritsar, Punjab

Subject: CONFIRMATION OF 45 DAYS INTERNSHIP PROGRAM.

Dear Sir/Madam,

We are pleased to inform you that Bikash Kumar Das, S/O Sh. Ramekbal Das, Having Roll No. 2204950 of Branch Computer Science Engineering in Course of Python has been successfully enrolled in our Six-Week industrial Internship program from (June to July) in our esteemed organization.

During the training, the student will have the opportunity to work on various projects and gain hands-on experience in their chosen field. Our team is eager to mentor and support students throughout the internship, and we encourage the students to actively participate in our daily activities.

The management will assess the candidate's performance throughout this period. We look forward to a productive and enriching 6 Week ahead with the candidate.

Best regards,

Yours faithfully,

For NOVEM CONTROLS





### 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

Dated - 15/05/2024

Ref. No - NCPL/2023-24/046

To,

The Director

**Training & Placement Office** 

Khalsa College Of Engineering And Technology Amritsar, Punjab

Subject: CONFIRMATION OF 45 DAYS INTERNSHIP PROGRAM.

Dear Sir/Madam,

We are pleased to inform you that Aalok Kumar Sah, S/O Sh. Satrudhan Sah, Having Roll No. 2204934 of Branch Computer Science Engineering in Course of Python has been successfully enrolled in our Six-Week industrial Internship program from (June to July) in our esteemed organization.

During the training, the student will have the opportunity to work on various projects and gain hands-on experience in their chosen field. Our team is eager to mentor and support students throughout the internship, and we encourage the students to actively participate in our daily activities.

The management will assess the candidate's performance throughout this period. We look forward to a productive and enriching 6 Week ahead with the candidate.

Best regards,

Yours faithfully,

For NOVEM CONTROLS



To

Training & Placement Officer

Khalsa College of Engineering and Technology,

Amritsar.

Subject: CONFIRMATION OF 4-6 WEEKS INTERNSHIP PROGRAMME

It is our pleasure to confirm you that, Mr. Sunil Kumar Ray S/O Mr. Vakil Ray student of your college is enrolled for 4-6 weeks internship with us under the session Jun 2024 – Jul 2024.

The management will view the performance of the candidate during this period of Internship.

Regards

Gagandeep Sawhney

Gagan Ganhuy

General Manager

M: +91-9876697771

# Solitaire Infosys Pvt. Ltd Creative innovative

INDIA (Head Office) :- Plot No : C-110, Industrial Area, Phase-7 Mohali (Pb.) | Ph : 0172 5090856 INDIA (Branch Office) :- SCO 81-82, W-Tower, Above Yes Bank, Leela Bhawan, Patiala (Pb.) | Ph : 0175 5014469 CANADA (Branch Office): - SUITE 208, 3474-93 STREET NW EDMONTON ALBERTA-T6E 6A4, CANADA | (917)-829-3700 US (Corporate Office) :- 24981, OWENS LAKE CIR, LAKE FOREST CA 92630-2522



## **Veenus Software Solutions**

### An ISO 9001:2015 Certified Organization

Ref No. 2k24-3180

Dated: 30 April 2024

Head

Department of Computer Science & Engineering

xhalsa College of Engineering & Technology

Amritsar

Subject: Six Weeks Training of Mr. Valbhav

Sir.

We are pleased to certify that Mr. Vaibhav S/o Sh. Kulwinder Kumar student of B. Tech (CSE) KCET has enrolled for his Six Weeks Industrial Training in Java Standard Edition in our organization.

Thanking You

**Veenus Software Solutions** 

Shallnder p



+91-183-3510099

+91-98554 47487

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Emell

vasasr@gmail.com



Address

Plot No. 8 Queen's Road Near Hotel Veenus Amritser , Punjab, India -143001

Call 92165-12165

### **Training Confirmation Letter**

This is to confirm that Divyansh Mahajan, Roll No. 2204953, B-TECH (C.S.E), Khalsa College of Engineering & Technology, Amritsar will be provided Training under Industrial Training Program by NSPL.

#### **Training Details**

Training Details			Designation
Period	Duration	Training ID	Designation
	,, , , , , , , , , , , , , ,	1710	Trainee Python with AI
June 2024-Jul 2024	6 Weeks	NSPL-11-1/19	Training 1 /
June 2024-Jul 2024	6 Weeks	NSPL-IT-1719	Trainee rython man

#### **Platform**

Python

#### Certification

On successful completion of the training, NSPL will provide ISO 9001:2015 Certified industrial training certification to the candidate.

**HR Department** 

**NSPL** 

**Nest Software Private Limited** 

NSPL Complex, 288 Tilak Nagar, Amritsar - 143001, Punjab (India) www.nspirtc.com



### 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

Dated - 11/01/2024

Ref. No - NCPL/2023-24/002

To.

The Director

**Training & Placement Office** 

Khalsa College Of Engineering And Technology Amritsar, Punjab

Subject: CONFIRMATION OF 45 DAYS INTERNSHIP PROGRAM.

Dear Sir/Madam,

We are pleased to inform you that Gaurav Gupta, S/O Sh. Late Mohan Gupta, have roll number 2204954 of Branch Computer Science Engineering Department, has been successfully enrolled in our Six-Week industrial Internship program from ( June to July ) in our esteemed organization.

During the training, the student will have the opportunity to work on various projects and gain hands-on experience in their chosen field. Our team is eager to mentor and support students throughout the internship, and we encourage the students to actively participate in our daily activities.

The management will assess the candidate's performance throughout this period. We look forward to a productive and enriching 6 Week ahead with the candidate.

Best regards,

Yours faithfully,

For NOVEM CONTROLS





To

Training & Placement Officer

Khalsa College of Engineering & Technology.

Amritsar.

Subject: CONFIRMATION OF 4-6 WEEKS INTERNSHIP PROGRAMME

Dear Sir/Madam,

It is our pleasure to confirm you that, Mr. Jayant Kumar Gupta S/O Mr. Ashok Kumar Shah student of your college is enrolled for 4-6 weeks internship with us under the session Jun 2024 - Jul 2024.

The management will view the performance of the candidate during this period of Internship.

Regards

Gagandeep Sawhney

General Manager

M: +91-9876697771

## Solitaire Infosys Pvt. Ltd Creative innovative

INDIA (Head Office): - Plot No: C-110, Industrial Area, Phase-7 Mohali (Pb.) | Ph: 0172 5090856 INDIA (Branch Office) :- SCO 81-82, W-Tower, Above Yes Bank, Leela Bhawan, Patiala (Pb.) | Ph : 0175 5014469 CANADA (Branch Office):- SUITE 208, 3474-93 STREET NW EDMONTON ALBERTA-T6E 6A4, CANADA | [917]-829-3700 US (Corporate Office) :- 24981, OWENS LAKE CIR, LAKE FOREST CA 92630-2522

To

Training & Placement Officer

Khalsa College Of Engineering and Technology,

Amritsar.

Subject: CONFIRMATION OF 4/6 WEEKS INTERNSHIP PROGRAMME

Dear Sir/Madam,

It is our pleasure to confirm you that, Ms. Khushi Kumari D/O Mr. Mukesh Upadhyay student of your college is enrolled for 4/6 weeks internship with us under the session Jun 2024 - Jul 2024.

The management will view the performance of the candidate during this period of Internship.

Regards

Gagandeep Sawhney

General Manager

M: +91-9876697771

# Solitaire Infosys Pvt. Ltd | Simple Creative innovative

INDIA (Head Office): Plot No: C-110, Industrial Area, Phase-7 Mohali (Pb.) | Ph: 0172 5090856 INDIA (Branch Office): - SCO 81-82, W-Tower, Above Yes Bank, Leela Bhawan, Patiala (Pb.) | Ph : 0175 5014469 CANADA (Branch Office):- SUITE 208, 3474-93 STREET NW EDMONTON ALBERTA-T6E 6A4, CANADA | [917]-829-3700 US (Corporate Office) :- 24981, OWENS LAKE CIR, LAKE FOREST CA 92630-2522





Ref No 11/687

parent of June 15034

10

The Director.
Training & Placement Officer.
Khalia & Clase Eigg 9
Tale, Mural Sale

Sub: Confirmation (NOC) for 6 WESK Industrial Training in PYTHON

Dear Sir/Madam

We feel pleasure to acquaint with our company Future Finders, an ISO Certified Company, as pioneer in the field of Software Development &Industrial Internship. Our Company involves in Software Development, Web Designing, Industrial Training in Production and Manufacturing Unit, On-siteTraining Corporate Training, Consulting and Promoting Outstanding Products of various companies. We have substantial experience in Analyzing, Designing, Developing, Testing, Implementing and Supporting Projects.

We Future Finders confirm training of Mr./Ms. RISHNA HAHATO

University Roll No. 830 4964 of CSE branch in our esteemed organization and as per the rule we are provide the No Objection Certificate (NOC) for 6 W88 Industrial Training in our premises. His/her training will be starting from JUNE, 9084.

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

Thanks & Regards

HARJIT KAUR BRANCH MANAGER- FUTURE FINDER

Mob. No.: +91-6280457705



·91-985 590 8009

🖾 info@futurefinders.in

www.futurefinders.in

Plot No. 1 - 465, K&H Tower 2nd Hoor, Phase 8B, Sector74, Mohali

1509001

To

Training & Placement Officer

Khalsa College Of Engineering and Technology,

Amritsar.

Subject: CONFIRMATION OF 4/6 WEEKS INTERNSHIP PROGRAMME

Dear Sir/Madam,

It is our pleasure to confirm you that, Ms. Kumari Hempushpa D/O Mr. Ramjee Bhakta student of your college is enrolled for 4/6 weeks internship with us under the session Jun 2024 - Jul 2024.

The management will view the performance of the candidate during this period of Internship.

Regards

Gagandeep Sawhney

General Manager

M: +91-9876697771

# Solitaire Infosys Pvt. Ltd | Simple Creative innovative

INDIA (Head Office) :- Plot No : C-110, Industrial Area, Phase-7 Mohali (Pb.) I Ph : 0172 5090856 INDIA (Branch Office) :- SCO 81-82, W-Tower, Above Yes Bank, Leela Bhawan, Patiala (Pb.) | Ph : 0175 5014469 CANADA (Branch Office):- SUITE 208, 3474-93 STREET NW EDMONTON ALBERTA-T6E 6A4, CANADA | [917]-829-3700 US (Corporate Office) :- 24981, OWENS LAKE CIR, LAKE FOREST CA 92630-2522



### **CETPA INFOTECH**

Ph.:0120-4535353, +91-7533007522 Regd. No.: U72100UR2005PTC031052

### Offer Letter

Dear Ladli Kumari,

This is to certify that Mr. Ladli Kumari a student of Khalsa College of Engineering & Technology will be join for 6 weeks of an Internship in "MY SQL".

Her Internship tenure from 20th June 2024 to 5th August 2024.

We welcome you and are delighted that you have chosen to be part of our team. We hope your association with us will be mutually beneficial, pleasant, and fulfilling.



Shumaila Anees **Branch Manager** CETPA Infotech Pvt. Ltd.



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

Dated - 11/01/2024

Ref. No - NCPL/2023-24/001

To.

The Director

**Training & Placement Office** 

Khalsa College Of Engineering And Technology Amritsar, Punjab

Subject: CONFIRMATION OF 45 DAYS INTERNSHIP PROGRAM.

Dear Sir/Madam,

We are pleased to inform you that Mausam Kumari, D/O Sh. Baban Singh, have roll number 2204969 of Branch Computer Science Engineering Department, has been successfully enrolled in our Six-Week industrial Internship program from ( June to July ) in our esteemed organization.

During the training, the student will have the opportunity to work on various projects and gain hands-on experience in their chosen field. Our team is eager to mentor and support students throughout the internship, and we encourage the students to actively participate in our daily activities.

The management will assess the candidate's performance throughout this period. We look forward to a productive and enriching 6 Week ahead with the candidate.

Best regards,

Yours faithfully,







CAME ASE 2405 1123

Date: 3rd May, 2024

10

Dr. Jayleen Kaut. 1800). Computer Science and Engineering. Khalsa College of Engineering and Technology, Amritsar

Subject: Confirmation of B.Tech CSE 4th Sem Students' Training at Green Apple

Dear Jasteen Kaur.

I hope this email finds you well. I am writing on behalf of Green Apple. Amritsar, with regards to the training program for B. Fech CSE 4th Semester students from Khalsa College of Engineering & Technology.

We are pleased to inform you that the following students have successfully enrolled in our 45day training program focused on Web Development:

- 1. Mokarram Shahban (Roll no. 2204973)
- 2. Sangceta Kumari (Roll no. 2204985)
- 3. Shiyankar Sinha (Roll no. 2204990)
- 4. Alok Kumar (Roll no. 2204944)

Our training program is designed to provide comprehensive knowledge and hands-on experience in the field of Web Development. We believe that this experience will significantly contribute to their academic and professional growth.

Throughout the training period, our experienced trainers will ensure that the students receive practical exposure to industry-relevant tools and technologies, equipping them with the necessary skills to excel in this domain.

We are committed to providing a conducive learning environment and look forward to a fruitful collaboration with Khalsa College of Engineering & Technology, If you have any further questions or require additional information, please feel free to reach out to me.

Thank you for your cooperation.

Warm regards.

GREEN APPLE MEDIA SOLUTIONS A HUB OF ONLINE MEDIA

Green Apple Media Solutions

Head Office 4th floor, National Tower, SCO - 89, B-Block, DSC, Banjit Avenue Amritsar - 143201 Corporate Office, 3rd floor, GR Tower, D-258 Industrial Area, Phase, 8-A, Sector 75, Mohah - Chandigarn - 160355





GAMS ASR 24/05 1122

Date 3rd May 2074

To

Dr. Jasleen Kaur. HOD, Computer Science and Engineering, Khalsa College of Engineering and Technology, Amritsar

Subject: Confirmation of B.Tech CSE 4th Sem Students' Training at Green Apple

Dear Jasleen Kaur,

I hope this email finds you well. I am writing on behalf of Green Apple. Amritsar, with regards to the training program for B. Tech CSE 4th Semester students from Khalsa College of Engineering & Technology.

We are pleased to inform you that the following students have successfully enrolled in our 45day training program focused on Web Development:

- Mokarram Shahban (Roll no. 2204973)
- Sangeeta Kumari (Roll no. 2204985)
- Shivankar Sinha (Roll no. 2204990)
- Alok Kumar (Roll no. 2204944)

Our training program is designed to provide comprehensive knowledge and hands-on experience in the field of Web Development. We believe that this experience will significantly contribute to their academic and professional growth.

Throughout the training period, our experienced trainers will ensure that the students receive practical exposure to industry-relevant tools and technologies, equipping them with the necessary skills to excel in this domain.

We are committed to providing a conducive learning environment and look forward to a fruitful collaboration with Khalsa College of Engineering & Technology.

If you have any further questions or require additional information, please feel free to reach out to me.

Thank you for your cooperation.

Warm regards,

GREEN APPLE MEDIA A HUB OF ONLINE MEDIA

Green Apple Media Solutions

Head Office 4th floor National Tower, SCO - 89 B-Hiock DSC, Ranjit Avenue, Amittsar - 143001 Corporate Office: 3rd floor: GR Tower, D-258, Industrial Area, Phase, 8-A, Sector 75, Mohals - Chandigarh - 160055





1. ASSN: 15R 1895 1377

Date tel May 2014

the Indicen Kaur. (1010) Computer Science and Engineering Khalea't offege of Engineering and Technology, Amritsar

Subject: Confirmation of B.Tech CSE 4th Sem Students' Training at Green Apple

Dear Jasleen Kaur.

I hope this email finds you well. I am writing on behalf of Green Apple. Amritsar, with regards to the training program for B. Lech CSE 4th Semester students from Khalsa College of

We are pleased to inform you that the following students have successfully enrolled in our 45day training program focused on Web Development:

- Mokarram Shahban (Roll no. 2204973)
- Sangceta Kumari (Roll no. 2204985)
- Shiyankar Sinha (Roll no. 2204990)
- Alok Kumar (Roll no. 2204944)

Our training program is designed to provide comprehensive knowledge and hands-on experience in the field of Web Development. We believe that this experience will significantly contribute to their academic and professional growth.

Throughout the training period, our experienced trainers will ensure that the students receive practical exposure to industry-relevant tools and technologies, equipping them with the necessary skills to excel in this domain.

We are committed to providing a conducive learning environment and look forward to a fruitful collaboration with Khalsa College of Engineering & Technology.

If you have any further questions or require additional information, please feel free to reach out to me.

Thank you for your cooperation.

Warm regards.

GREEN APPLE MEDIA
SOLUTIONS
A HUB OF ONLINE MEDIA

Green Apple Media Solutions

Head Office, 4th floor, National Tower, SCO - 89, B-Black, DSC, Ranjit Avenue, Amritsai - 143001 Corporate Office, 3rd floor, GR Tower, D-258, Industrial Area, Phase, 8-A, Sector 75, Mohah - Chandispach - 160050





GAMS ASR/24/05/1122

Date: 3rd May, 2024

To

Dr. Jasleen Kaur. HOD. Computer Science and Engineering. Khalsa College of Engineering and Technology, Amritsar

Subject: Confirmation of B.Tech CSE 4th Sem Students' Training at Green Apple

Dear Jasleen Kaur,

I hope this email finds you well. I am writing on behalf of Green Apple. Amritsar, with regards to the training program for B.Tech CSE 4th Semester students from Khalsa College of Engineering & Technology.

We are pleased to inform you that the following students have successfully enrolled in our 45day training program focused on Web Development:

- Mokarram Shahban (Roll no. 2204973)
- Sangeeta Kumari (Roll no. 2204985)
- Shivankar Sinha (Roll no. 2204990)
- Alok Kumar (Roll no. 2204944)

Our training program is designed to provide comprehensive knowledge and hands-on experience in the field of Web Development. We believe that this experience will significantly contribute to their academic and professional growth.

Throughout the training period, our experienced trainers will ensure that the students receive practical exposure to industry-relevant tools and technologies, equipping them with the necessary skills to excel in this domain.

We are committed to providing a conducive learning environment and look forward to a fruitful collaboration with Khalsa College of Engineering & Technology.

If you have any further questions or require additional information, please feel free to reach out to me.

Thank you for your cooperation.

Warm regards,

GREEN APPLE MEDIA
SOLUTIONS
A HUB OF ONLINE MEDIA

Green Apple Media Solutions

Head Office, 4th floor, National Tower, SCO - 89, fl-Block, DSC, Ranjit Avenue, Annitsa: - 143001. Corporate Office, 3rd floor, GR Tower, D-256 Industrial Area, Phase, 8-A. Sector 75, Mohali - Chandigam - 160055.



Finding Future For You.

Ref. No.: FF/6W/

Dated Statum 2024

10

The Director. Training & Placement Officer, KCE I. Augus Sal.

Sub: Confirmation (NOC) for 6WSEK Industrial Training in ANDROID

Dear Sir/Madam

We feel pleasure to acquaint with our company Future Finders, an ISO Certified Company, as pioneer in the field of Software Development &Industrial Internship. Our Company involves in Software Development, Web Designing, Industrial Training in Production and Manufacturing Unit, On-siteTraining Corporate Training, Consulting and Promoting Outstanding Products of various companies. We have substantial experience in Analyzing, Designing, Developing, Testing, Implementing and Supporting Projects.

We Future Finders confirm training of Mr./Ms. VAUTRA University Roll No. 2204976 Of CSE branch in our esteemed organization and as per the rule we are provide the No Objection Certificate (NOC) for EWEEK Industrial Training in our premises. His/her training will be starting from JUNE, DORY.

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

Thanks & Regards

HARJIT KAUR BRANCH MANAGER- FUTURE FINDER

Mob. No.: +91-6280457705



C +91-985 590 8009

info@futurefinders.in

@ www.futurefinders.in

Q Plot No. F. 465, K&H Tower 2nd Floor, Phase 8B, Sector74, Mohali

Call 92165-12165

### **Training Confirmation Letter**

This is to confirm that Pooja Sharma, Roll No. 2204977, B-TECH (C.S.E), Khalsa College of Engineering & Technology, Amritsar will be provided Training under Industrial Training Program by NSPL.

Training Details Period	Duration	Training ID	Designation
			Trainee Python with Data
June 2024-Jul 2024	6 Weeks	NSPL-IT-1724	Science

### Platform

Python

On successful completion of the training, NSPL will provide ISO 9001:2015 Certified industrial training certification to the candidate.

**HR** Department

NSPL

Nest Software Private Limited NSPL Complex, 288 Tilak Nagar, Amritsar – 143001, Punjab (India)



Finding Future For You

Ref No 11 KW

Inted of June 2024

10

The Director.
Training & Placement Officer.
Khalia, Pallige Rig
Taby Auditson

Sub: Confirmation (NOC) for GLUSSK. Industrial Training in MITHON

Dear Sir Madam

We feel pleasure to acquaint with our company Future Finders, an ISO Certified Company, as pioneer in the field of Software Development &Industrial Internship. Our Company involves in Software Development, Web Designing, Industrial Training in Production and Manufacturing Unit, On-siteTraining Corporate Training, Consulting and Promoting Outstanding Products of various companies. We have substantial experience in Analyzing, Designing, Developing, Testing, Implementing and Supporting Projects.

We Future Finders confirm training of Mr./Ms.

VRINCE KOMAR

University Roll No. A 204980 Of CCE branch in our esteemed organization and as per the rule we are provide the No Objection Certificate (NOC) for 6 WEK Industrial Training in our premises. His/her training will be starting from 10NE, 2084.

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

Thanks & Regards

HARJIT KAUR
BRANCH MANAGER- FUTURE FINDER

Mob. No.: +91-6280457705

C +91-985 590 8009

info@futurefinders.in

www.futurefinders.in

Plot No. 1. 465, K&H Tower 2nd Floor, Phase 8H.Sector?4, Mohah

ISO9001

Dear Gursahiba,

We are pleased to make you an offer as a Summer Intern at New Delhi.

Details of the same are as encapsulated below:

Internship Start Date:

03-Jun-2024

Internship End Date:

02-Aug-2024

Project Mentor:

Vignesh lyer -Vignesh.lyer@in.ey.com

Contact Number:

7768980911

Project Title:

Strategy and Project Implementation Advisor for GNIDA



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

Dated - 15/06/2024

Ref. No - NCPL/2023-24/213

i i

10,

The Director

Training & Placement Office

Khalsa College of engineering and technology

Amritsar, Punjab

# Subject: CONFIRMATION OF 45 DAYS INTERNSHIP PROGRAM.

Dear Sir/Madam,

We are pleased to inform you that JASLEEN KAUR D/O. RAJINDER SINGH, Having Roll No. esteemed organization. successfully enrolled in our Six-Week industrial Internship program from (June to July) in our 2204960 of Branch Computer Science engineering in course of Networking have

throughout the internship, and we encourage the students to actively participate in our daily hands-on experience in their chosen field. Our team is eager to mentor and support students During the training, the student will have the opportunity to work on various projects and gain

forward to a productive and enriching 6 Weeks ahead with the candidate. The management will assess the candidate's performance throughout this period. We look

Best regards,

yours faithfully,





Finding Future For You.

Ref. No.: FT 6W

Dated: \$ Jun 2024

To

The Director, Training & Placement Officer, Khalisa, Callige Gingg & Toch, Awertshar

Sub: Confirmation (NOC) for GWEEK Industrial Training in YMYTHON

Dear Sir/Madam

We feel pleasure to acquaint with our company Future Finders, an ISO Certified Company, as pioneer in the field of Software Development &Industrial Internship. Our Company involves in Software Development, Web Designing, Industrial Training in Production and Manufacturing Unit, On-site Training Corporate Training, Consulting and Promoting Outstanding Products of various companies. We have substantial experience in Analyzing, Designing, Developing, Testing, Implementing and Supporting Projects.

We Future Finders confirm training of Mr./Ms. ABHISHEK KUHAR

University Roll No. 220498 Of CSE branch in our esteemed organization and as per the rule we are provide the No Objection Certificate (NOC) for Company of the Market Marke

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

Thanks & Regards

HARJIT KAUR
BRANCH MANAGER- FUTURE EINDERS

Mob. No.: +91-6280457705

+91-985 590 8009

uinfo@futurefinders.in

www.futurefinders.in

Plot No. F- 465, K&B Tower 2nd Floor, Phase SB, Sector 74, Mohali



Finding Future For You

Ref. No : FF/6W

Dated: 3 June 1903 4

To

The Director. Trainipp & Placement Officer, Khalso fallege Enggl Tech, Aurisour

Sub: Confirmation (NOC) for 6WESK Industrial Training in PYTHON

We feel pleasure to acquaint with our company Future Finders, an ISO Certified Company, as pioneer in the field of Software Development &Industrial Internship. Our Company involves in Software Development, Web Designing, Industrial Training in Production and Manufacturing Unit, On-site Training Corporate Training, Consulting and Promoting Outstanding Products of various companies. We have substantial experience in Analyzing, Designing, Developing, Testing, Implementing and Supporting Projects.

We Future Finders confirm training of Mr/Ms. DANISH BABORIA

University Roll No. 220 4951 of CSE branch in our esteemed organization and as per the rule we are provide the No Objection Certificate (NOC) for BWEEK Industrial Training in our premises. His/her training will be starting from Juny 2024.

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

Thanks & Regards

HARJIT KAUR BRANCH MANAGER- FUTURE FINDERS

Mob. No.: +91-6280457705

+91-985 590 8009

🔀 info@futurefinders.in

www.futurefinders.in

Plot No. F. 465, K&B Tower 2nd Floor, Phase 8B, Sector 74, Mohali



## Veenus Software Solutions

An ISO 9001:2015 Certified Organization

Ref No. 2k24-4235

Dated: 28 May 2024

Head

Department of Computer Science & Engineering

Khalsa College of Engineering & Technology

Amritsar

Subject: Six Weeks Training of Mr. Raman Kumar

Sir,

We are pleased to certify that Mr. Raman Kumar S/o Sh. Surinder Kumar student of B. Tech (CSE), KCET has enrolled for his Six Weeks Industrial Training in Python in our organization.

Thanking You

Veenus Software Solutions

100 May 100 May 100 May 100 May 100 May 100 May 100 May 100 May 100 May 100 May 100 May 100 May 100 May 100 May

( Phone

+91-183-3510099

+91-98554 47487

Email

vssasr@gmail.com

Address

Plot No. 8 Queen's Road Near Hotel Veenus Amritsar , Punjab, India -143001



TO

Training & Placement Officer

Shalsa College of Engineering & Technology,

Amritaat.

Subject: CONFIRMATION OF 4-6 WEEKS INTERNSHIP PROGRAMME

Dear Sir/Madam.

It is our pleasure to confirm you that, Mr. Gurdeepak Singh 5/O Mr. Harpreet Singh student of your college is enrolled for 4-6 weeks internship with us under the session Jun 2024 - Jul 2024.

The management will view the performance of the candidate during this period of Internship.

Regards

Gagandeep Sawhney

General Manager

M: +91-9876697771

# Solitaire Infosys Pvt. Ltd Creative innovative

INDIA (Head Office): Plot No : C-110, Industrial Area, Phase-7 Mahali (Pb.) 1 Ph : 0172 5090856 INDIA (Branch Office): - SCO 81-82, W-Tower, Above Yes Bank, Leela Bhawan, Patiala (Pb.) 1 Ph : 0175 5014469 CANADA (Branch Office) :- SUITE 208, 3474-93 STREET NW EDMONTON ALBERTA-TOE GAA, CANADA | (917)-829-3700 US [Corporate Office] : 24981, OWENS LAKE OR, LAKE FOREST CA 92530-2522



### CETPA INFOTECH PVT. LTD.

(An ISO 9001 - 2015 CERTIFIED CUMPANY)
Near Sec-16 Metro Station, Noida - 201301/11 PX

Ph.: 0120-4535353, +91-7533007522 Regd. No.: U72100UR2005PTC031052

Ref. Conf. ETCybe366 3 2024

Date 6/21/2024

### TO WHOM SO EVER IT MAY CONCERN

This is to certify that

Mr Abhay kumar

student of

khalsa College of engineering and technology has joined 6 Weeks Industrial Training on CCNA

started from Monday, June 3, 2024 at our concern CETPA Infotech Pvt. Ltd., NOIDA

We wish him all success in future.

Vaibhaw Singh (CETPA Infotech Pvt. Ltd.)

### Solitaire Infosys

To

Training & Placement Officer

Khalsa College of Engineering & Technology,

Amritsar.

Subject: CONFIRMATION OF 4-6 WEEKS INTERNSHIP PROGRAMME

Dear Sir/Madam,

It is our pleasure to confirm you that, **Mr. Vishal Goswani** S/O **Mr. Kamal Dev** student of your college is enrolled for 4-6 weeks internship with us under the session **Jun 2024 – Jul 2024**.

The management will view the performance of the candidate during this period of Internship.

Regards

Gagandeep Sawhney

General Manager

M: +91-9876697771

# Solitaire Infosys Pvt. Ltd

Simple Creative innovative

INDIA (Head Office):- Plot No: C-110, Industrial Area, Phase-7 Mohali (Pb.) | Ph: 0172 5090856 INDIA (Branch Office):- SCO 81-82, W-Tower, Above Yes Bank, Leela Bhawan, Patiala (Pb.) | Ph: 0175 5014469 CANADA (Branch Office):- SUITE 208, 3474-93 STREET NW EDMONTON ALBERTA-T6E 6A4, CANADA | (917)-829-3700 US (Corporate Office):- 24981, OWENS LAKE CIR, LAKE FOREST CA 92630-2522

# Webcooks Technologies Pvt Ltd Your Digital Transformation Partner

To.

The Director

Training & Placement Office

Khalsa College of Engineering And Technology

Amritsar, Punjab

Subject: Confirmation of Industrial Training for Rajandeep Singh

This is to confirm that Rajandeep Singh, Roll No. 2204982, is currently undertaking his/her 45-day industrial training with Webcooks Technologies Pvt Ltd. His/her training commenced on 1 June 2024 and is scheduled to conclude on 15 July 2024.

Throughout this period, Rajandeep Singh will be engaged in various projects and tasks that will provide him/her with hands-on experience in Python, contributing significantly to his/her professional development and practical knowledge in the industry.

Should you require any further information or have any questions regarding the Rajandeep Singh training program, please feel free to contact us via email at info@webcooks.in.

Thank you for your attention to this matter.

Sincerely,

Webcooks Technologies Pvt Ltd with Best wishes

for Viencooks Technologies Private Limited

Director

# Webcooks Technologies Pvt Ltd Your Digital Transformation Partner

To,

The Director

Training & Placement Office

Khalsa College of Engineering And Technology

Amritsar, Punjab

Subject: Confirmation of Industrial Training for Nitish Choudhary

This is to confirm that Nitish Choudhary, Roll No. 2204975, is currently undertaking his/her 45-day industrial training with Webcooks Technologies Pvt Ltd. His/Her training commenced on 1 June 2024 and is scheduled to conclude on 15 July 2024.

Throughout this period, Nitish Choudhary will be engaged in various projects and tasks that will provide him/her with hands-on experience in Python, contributing significantly to his/her professional development and practical knowledge in the industry.

Should you require any further information or have any questions regarding the Nitish Choudhary training program, please feel free to contact us via email at info@webcooks.in.

Thank you for your attention to this matter.

Sincerely,

Webcooks Technologies Pvt Ltd with Best wishes

For Weocooks Technologies Private Limited

Director

# Webcooks Technologies Pvt Ltd Your Digital Transformation Partner

To.

The Director

Training & Placement Office

Khalsa College of Engineering And Technology

Amritsar, Punjab

Subject: Confirmation of Industrial Training for Kartik Mahajan

This is to confirm that Kartik Mahajan, Roll No. 2204962, is currently undertaking his/her 45-day industrial training with Webcooks Technologies Pvt Ltd. His/Her training commenced on 1 June 2024 and is scheduled to conclude on 15 July 2024.

Throughout this period, Kartik Mahajan will be engaged in various projects and tasks that will provide him/her with hands-on experience in Python, contributing significantly to his/her professional development and practical knowledge in the industry.

Should you require any further information or have any questions regarding the Kartik Mahajan training program, please feel free to contact us via email at info@webcooks.in.

Thank you for your attention to this matter.

Sincerely,

Webcooks Technologies Pvt Ltd with Best wishes

For Webcooks Technologies Private Limited

Directo

# CERTIFICATE OF COMPLETION



An ISO 9001:2015 Certified

This certificate is proudly presented to

# Arshdeep Singh

For Successfully Completing 6 Weeks Training In

### Python

COMPLETED ON:

18-7-24 (6 Weeks Training)

CERTIFICATE ID:

SZ-2514

25-7-24

DATE:

Er. Ankit Khullar

Director & CEO

⊕ www.softechzen.com



ISO 9001:2015

### Webcooks Technologies Pvt Ltd

Your Digital Transformation Partner -

To.

The Director

Training & Placement Office

Khalsa College of Engineering And Technology

Amritsar, Punjab

Subject: Confirmation of Industrial Training for Simratpal Kaur

This is to confirm that Simratpal Kaur, Roll No. 2204991, is currently undertaking Her/his 45-day industrial training with Webcooks Technologies Pvt Ltd. Her/His training commenced on 1 June 2024 and is scheduled to conclude on 15 July 2024.

Throughout this period, Simratpal Kaur will be engaged in various projects and tasks that will provide her/him with hands-on experience in Web Designing, contributing significantly to her/his professional development and practical knowledge in the industry.

Should you require any further information or have any questions regarding the Simratpal Kaur training program, please feel free to contact us via email at info@webcooks.in.

Thank you for your attention to this matter.

Sincerely,

Webcooks Technologies Pvt Ltd with Best wishes

For Viencooks Technologies Private Limited

Dur

+91 91151 44444

infojewebsooksin

2nd Floor, & Tower, D-Block Ranjit Avenue, Amritsar (Near Starbucks)

### प्रो. (डॉ) अजय के शर्मा

निदेशक

### Prof. (Dr.) Ajay K Sharma

Director

(Former VC 1KGPTU, Director NIT Delhi,

Director NIT Hamirpur (Off), Menter Director 1117 Una)

वेबसाईट /Website ajayksharma com

हमेल /Email drsharmaajavkia gmail com





### राष्ट्रीय प्रौद्योगिकी संस्थान दिल्ली National Institute of Technology Delhi

Plot No. FA-7, Zone P.1, GT Karnal Road, Delhi-110036 (India) प्लीट नंबर एकए-7, जीन थी-1, जीटी करनाल रोड, जिल्ली-110036 (भारत) दूरमाप/Tel +91-011-33861000 (O) 33861002 (R) वेबसाईट/Website: www.nitdelhi.ac.in मोबाईल/Mobile: +91-8588833111 (-222)

ईमेल /Email: director@nitdelhi.ac.in

(Ministry of Education, An Institute of National Importance) (शिक्स मंत्रालय, राष्ट्रीय पहला का संस्थान)

No. NITD/Dir Office/2024/214

forior Date: 29th July, 2024

### TO WHOM IT MAY CONCERN

यह प्रमाणित किया जाता है कि खालसा कॉलेज ऑफ इंजीनियरिंग एंड टेक्नोलॉजी अमृतसर से सब्दीय प्रौद्योगिकी संस्थान दिल्ली में इंटर्न सुश्री विधि, रोल नंबर 2204995, ने 01.06.2024 से 28.07.2024 तक एनआईटी दिल्ली में अपनी इंटर्निशप सफलतापूर्वक पूरी कर ली है। अपने कार्यकाल के दौरान, सुश्री विधि ने श्री आलोक कुमार के साथ एनआईटी दिल्ली वेबसाइट को डिजाइन और विकसित किया। उनके काम के परिणामस्वरूप एक आकर्षक और अत्यधिक कार्यात्मक साइट बनी, जिसकी सहज यूआई/यूएवस के लिए प्रशंसा की गई। उनकी पहल और गुणवत्ता के प्रति प्रतिबद्धता ने हमारी ऑनलाइन उपस्थित को काफी बढ़ाया। हमें विश्वास है कि उनके कौशल उनके भविष्य के प्रयासों में एक मृत्यवान संपत्ति होंगे और उनके आगे एक सफल करियर की कामना करते हैं।

This is to certify that Ms.Vidhi, Roll No. 2204995, Intern at National Institute of Technology Delhi from Khalsa College of Engineering and Technology Amritsar has successfully completed her internship at NIT Delhi from 01.06.2024 to 28.07.2024. During her tenure, Ms. Vidhi designed and developed the NIT Delhi website along with Mr. Alok Kumar. Her work resulted in a visually appealing and highly functional site, praised for its intuitive UI/UX. Her initiative and commitment to quality significantly enhanced our online presence. We are confident that her skills will be a valuable asset in her future endeavors and wish her a successful career ahead.

Prof. (Dr.) Ajay K. Sharma Director, NIT Delhi

### Webcooks Technologies Pvt Ltd

Your Digital Transformation Partner ~

To.

The Director

Training & Placement Office

Khalsa College of Engineering And Technology

Amritsar, Punjab

Subject: Confirmation of Industrial Training for Nisha

This is to confirm that Nisha, Roll No. 2204974, is currently undertaking his/her 45-day industrial training with Webcooks Technologies Pvt Ltd. His/Her training commenced on 1 June 2024 and is scheduled to conclude on 15 July 2024.

Throughout this period, Nisha will be engaged in various projects and tasks that will provide him/her with hands-on experience in Python, contributing significantly to his/her professional development and practical knowledge in the industry.

Should you require any further information or have any questions regarding the Nisha training program, please feel free to contact us via email at info@webcooks.in.

Thank you for your attention to this matter.

Sincerely,

Webcooks Technologies Pvt Ltd with Best wishes

For Wedcooks Technologies Private Limited

Director

### Webcooks Technologies Pvt Ltd

Your Digital Transformation Partner

To.

The Director

Training & Placement Office

Khalsa College of Engineering And Technology

Amritsar, Punjab

Subject: Confirmation of Industrial Training for Manpreet Singh

This is to confirm that Manpreet Singh, Roll No. 2204968, is currently undertaking his/her 45-day industrial training with Webcooks Technologies Pvt Ltd. His/Her training commenced on 1 June 2024 and is scheduled to conclude on 15 July 2024.

Throughout this period, Manpreet Singh will be engaged in various projects and tasks that will provide him/her with hands-on experience in Python, contributing significantly to his/her professional development and practical knowledge in the industry.

Should you require any further information or have any questions regarding the Manpreet Singh training program, please feel free to contact us via email at info@webcooks.in.

Thank you for your attention to this matter.

Sincerely,

Webcooks Technologies Pvt Ltd with Best wishes

for Webcooks Technologies Private Limited

Director

To

Training & Placement Officer

Khalsa College of Engineering & Technology,

Amritsar.

Subject: CONFIRMATION OF 6 WEEKS INTERNSHIP PROGRAMME

Dear Sir/Madam,

It is our pleasure to confirm you that, Ms. Loveleen Kaur D/O Mr. Gurmeet Singh student of your college is enrolled for 6 weeks internship with us under the session Jun 2024 - Jul 2024.

The management will view the performance of the candidate during this period of Internship.

Regards

Gagandeep Sawhney

General Manager

M: +91-9876697771

### Solitaire Infosys Pvt. Ltd Creative Innovative

INDIA (Head Office): - Plot No: C-110, Industrial Area, Phase-7 Mohali (Pb.) | Ph: 0172 5090856 INDIA (Branch Office):- SCO 81-82, W-Tower, Above Yes Bank, Leela Bhawan, Patiala (Pb.) 1 Ph: 0175 5014469 CANADA (Branch Office): SUITE 208, 3474-93 STREET NW EDMONTON ALBERTA-T6E 6A4, CANADA | [917]-829-3700 US (Corporate Office): - 24981, OWENS LAKE CIR, LAKE FOREST CA 92630-2522

### Webcooks Technologies Pvt Ltd

Your Digital Transformation Partner

To.

The Director

Training & Placement Office

Khalsa College of Engineering And Technology

Amritsar, Punjab

Subject: Confirmation of Industrial Training for Arushi

This is to confirm that Arushi, Roll No. 2204947, is currently undertaking his/her 45-day industrial training with Webcooks Technologies Pvt Ltd. His/Her training commenced on 1 June 2024 and is scheduled to conclude on 15 July 2024.

Throughout this period, Arushi will be engaged in various projects and tasks that will provide him/her with hands-on experience in Python, contributing significantly to his/her professional development and practical knowledge in the industry.

Should you require any further information or have any questions regarding the Arushi training program, please feel free to contact us via email at info@webcooks.in.

Thank you for your attention to this matter.

Sincerely,

Webcooks Technologies Pvt Ltd with Best wishes

For Wyucooks Technologies Private Limited

Director

-91 91151 44444

info@webc

2nd Floor, G Tower, D-Block Ranjit Avenue. Amritsar (Near Starbucks)



### Certificate of Training and Completion

This Certifies That

Abhay Kaushal

Has Successfuly Completed the training course of

45 days of Industrial Training (React Js)

For 1.5 Months Year 20 May, 24

For VRIMAN INFOTECH Virykanskal PROP.

Signature



Date 200



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

Dated - 6/15/2024

Ref. No - NCPL/2023-24/216

To,

The Director

**Training & Placement Office** 

Khalsa college of engineering and technology Amritsar, Punjab

### Subject: CONFIRMATION OF 45 DAYS INTERNSHIP PROGRAM.

Dear Sir/Madam,

We are pleased to inform you that Ankit Kumar Singh, S/O. Vijay Kumar Singh, Having Roll No. 2205114 of Branch B-tech (AI/ML) in course of Python With AI/ML have been successfully enrolled in our Six-Week industrial Internship program from (June to July) in our esteemed organization.

During the training, the student will have the opportunity to work on various projects and gain hands-on experience in their chosen field. Our team is eager to mentor and support students throughout the internship, and we encourage the students to actively participate in our daily activities.

The management will assess the candidate's performance throughout this period. We look forward to a productive and enriching 6 Weeks ahead with the candidate.

Best regards,

yours faithfully,





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

Dated - 6/15/2024

Ref. No - NCPL/2023-24/215

To,

The Director

**Training & Placement Office** 

Khalsa college of engineering and technology Amritsar, Punjab

Subject: CONFIRMATION OF 45 DAYS INTERNSHIP PROGRAM.

Dear Sir/Madam,

We are pleased to inform you that Aman Raj, S/O. Rajesh Kumar, Having Roll No. 2205113 of Branch B-tech (AI/ML) in course of Python With AI/ML have been successfully enrolled in our Six-Week industrial Internship program from (June to July) in our esteemed organization.

During the training, the student will have the opportunity to work on various projects and gain hands-on experience in their chosen field. Our team is eager to mentor and support students throughout the internship, and we encourage the students to actively participate in our daily activities.

The management will assess the candidate's performance throughout this period. We look forward to a productive and enriching 6 Weeks ahead with the candidate.

Best regards,

yours faithfully,





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

Dated - 15/05/2024

Ref. No - NCPL/2023-24/052

To,

The Director

**Training & Placement Office** 

Chandigarh engineering colleges, jhanjeri Mohali, Punjab

Subject: CONFIRMATION OF 45 DAYS INTERNSHIP PROGRAM.

Dear Sir/Madam,

We are pleased to inform you that Arsad Ansari, S/O Sh. Md Wakil Ansari, Having Roll No. 2205122 of Branch Computer Science Engineering in Course of Al/ML has been successfully enrolled in our Six-Week industrial Internship program from (June to July) in our esteemed organization.

During the training, the student will have the opportunity to work on various projects and gain hands-on experience in their chosen field. Our team is eager to mentor and support students throughout the internship, and we encourage the students to actively participate in our daily activities.

The management will assess the candidate's performance throughout this period. We look forward to a productive and enriching 6 Week ahead with the candidate.

Best regards,

Yours faithfully,





### CETPA INFOTECH PVT. LTD

(An ISO 9001 : 2015 CERTIFIED COMPANY)

Corporate Office.: D-58, Sec-2, Red FM Lane, Near Sec-16 Metro Station, Noida -201301(U.P.)

Ph.: 0120-4535353, +91-7533007522

Regd. No.: U72100UR2005PTC031052

Ref. Conf. ETPyth566\_5\_2024

Date 5/13/2024

### TO WHOM SO EVER IT MAY CONCERN

This is to certify that

Ms Brahampreet Kaur

student of

Khalsa college of engineering and technology has joined 6 Weeks Industrial Training on Python

started from Wednesday, June 5, 2024 at our concern CETPA Infotech Pvt. Ltd., NOIDA

We wish her all success in future.

Vaibhaw Singh (CETPA Infotech Pvt. Ltd.)

### Webcooks Technologies Pvt Ltd

Your Digital Transformation Partner —

To,

The Director

Training & Placement Office

Khalsa College of Engineering And Technology

Amritsar, Punjab

Subject: Confirmation of Industrial Training for Govind Sharma

This is to confirm that Govind Sharma, Roll No. 2205118, is currently undertaking his/her 45-day industrial training with Webcooks Technologies Pvt Ltd. His/Her training commenced on 1 June 2024 and is scheduled to conclude on 15 July 2024.

Throughout this period, Govind Sharma will be engaged in various projects and tasks that will provide him/her with hands-on experience in Python, contributing significantly to his/her professional development and practical knowledge in the industry.

Should you require any further information or have any questions regarding the Govind Sharma training program, please feel free to contact us via email at info@webcooks.in.

Thank you for your attention to this matter.

Sincerely,

Webcooks Technologies Pvt Ltd with Best wishes

For Webcooks Technologies Private Limited

Director

+91 91151 44444

info@webcooks.

2nd Floor, G Tower, D-Block Ranjit Avenue, Amritser (Near Starbucks)



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

Dated - 15/05/2024

Ref. No - NCPL/2023-24/047

To,

The Director

**Training & Placement Office** 

Khalsa College of Engineering and Technology Amritsar, Punjab

Subject: CONFIRMATION OF 45 DAYS INTERNSHIP PROGRAM.

Dear Sir/Madam,

We are pleased to inform you that Mayank Kumar Tiwari, S/O Sh. Deepak Kumar Tiwari, Having Roll No. 2205121 of Branch B-tech (AI/ML) in Course of Python has been successfully enrolled in our Six-Week industrial Internship program from (June to July) in our esteemed organization.

During the training, the student will have the opportunity to work on various projects and gain hands-on experience in their chosen field. Our team is eager to mentor and support students throughout the internship, and we encourage the students to actively participate in our daily activities.

The management will assess the candidate's performance throughout this period. We look forward to a productive and enriching 6 Week ahead with the candidate.

Best regards,

Yours faithfully,





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Chandigarh (INDIA)

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Fax: 0172-5099200

Email: novemcontrols@gmail.com Web: www.novemcontrols.com

Dated - 15/05/2024

Ref. No - NCPL/2023-24/051

To,

The Director

**Training & Placement Office** 

Khalsa College of Engineering and Technology Amritsar, Punjab

Subject: CONFIRMATION OF 45 DAYS INTERNSHIP PROGRAM.

Dear Sir/Madam,

We are pleased to inform you that Md Rufaid, S/O Sh. Md Alam, Having Roll No. 2205122 of Branch B-tech(AI/ML) in Course of Python has been successfully enrolled in our Six-Week industrial Internship program from (June to July) in our esteemed organization.

During the training, the student will have the opportunity to work on various projects and gain hands-on experience in their chosen field. Our team is eager to mentor and support students throughout the internship, and we encourage the students to actively participate in our daily activities.

The management will assess the candidate's performance throughout this period. We look forward to a productive and enriching 6 Week ahead with the candidate.

Best regards,

Yours faithfully,





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Email: novemcontrols@gmail.com Web: www.novemcontrols.com

Dated - 15/05/2024

Ref. No - NCPL/2023-24/048

To,

The Director

**Training & Placement Office** 

Khalsa College Of Engineering And Technology Amritsar, Punjab

Subject: CONFIRMATION OF 45 DAYS INTERNSHIP PROGRAM.

Dear Sir/Madam,

We are pleased to inform you that Md Warish, S/O Sh. Seikh Mohammad Raju, Having Roll No. 2205123 of Branch B-tech (AI/ML) in Course of Python has been successfully enrolled in our Six-Week industrial Internship program from (June to July) in our esteemed organization.

During the training, the student will have the opportunity to work on various projects and gain hands-on experience in their chosen field. Our team is eager to mentor and support students throughout the internship, and we encourage the students to actively participate in our daily activities.

The management will assess the candidate's performance throughout this period. We look forward to aproductive and enriching 6 Week ahead with the candidate.

Best regards,

Yours faithfully,





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

Dated - 15/06/2024

Ref. No - NCPL/2023-24/221

To,

The Director

**Training & Placement Office** 

Khalsa College of engineering and technology Amritsar, Punjab

Subject: CONFIRMATION OF 45 DAYS INTERNSHIP PROGRAM.

Dear Sir/Madam,

We are pleased to inform you that Ravneet kaur D/O. Mandeep Singh, Having Roll No. 2205130 of Branch B-tech (AI/ML) in course of Python have been successfully enrolled in our Six-Week industrial Internship program from (June to July) in our esteemed organization.

During the training, the student will have the opportunity to work on various projects and gain hands-on experience in their chosen field. Our team is eager to mentor and support students throughout the internship, and we encourage the students to actively participate in our daily activities.

The management will assess the candidate's performance throughout this period. We look forward to a productive and enriching 6 Weeks ahead with the candidate.

Best regards,

yours faithfully,





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

Dated - 15/05/2024

Ref. No - NCPL/2023-24/049

To,

The Director

**Training & Placement Office** 

Khalsa College of Engineering and Technology Amritsar, Punjab

Subject: CONFIRMATION OF 45 DAYS INTERNSHIP PROGRAM.

Dear Sir/Madam,

We are pleased to inform you that Sahjad Khan, S/O Sh. Niyaz Khan, Having Roll No. 2205133 of Branch B-tech (AI/ML) in Course of Python has been successfully enrolled in our Six-Week industrial Internship program from (June to July) in our esteemed organization.

During the training, the student will have the opportunity to work on various projects and gain hands-on experience in their chosen field. Our team is eager to mentor and support students throughout the internship, and we encourage the students to actively participate in our daily activities.

The management will assess the candidate's performance throughout this period. We look forward to a productive and enriching 6 Week ahead with the candidate.

Best regards,

Yours faithfully,





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

Dated - 15/05/2024

Ref. No - NCPL/2023-24/050

To,

The Director

**Training & Placement Office** 

Khalsa College Of Engineering And Technology Amritsar, Punjab

Subject: CONFIRMATION OF 45 DAYS INTERNSHIP PROGRAM.

Dear Sir/Madam,

We are pleased to inform you that Sudhir Kr.Ram, S/O Sh. Chhotelal Ram, Having Roll No. 2205137 of Branch B-tech (AI/ML) in Course of Python has been successfully enrolled in our Six-Week industrial Internship program from (June to July) in our esteemed organization.

During the training, the student will have the opportunity to work on various projects and gain hands-on experience in their chosen field. Our team is eager to mentor and support students throughout the internship, and we encourage the students to actively participate in our daily activities.

The management will assess the candidate's performance throughout this period. We look forward to aproductive and enriching 6 Week ahead with the candidate.

Best regards,

Yours faithfully,





### **CETPA INFOTECH P**\

Corporate Office: D-58, Sec-2 Red FM Lane, Near Sec-16 Metro Station, Noida-201301 (U.P.) Ph.:0120-4535353, +91-7533007522 Regd. No.: U72100UR2005PTC031052

#### Offer Letter

Dear Sumit Kumar Mahto,

This is to certify that Mr. Sumit Kumar Mahto a student of Khalsa College of Engineering & Technology will be join for 6 weeks of an Internship in "Python".

Her Internship tenure from 5th June 2024 to 20 July 2024.

We welcome you and are delighted that you have chosen to be part of our team. We hope your association with us will be mutually beneficial, pleasant, and fulfilling.



Shumaila Anees **Branch Manager** CETPA Infotech Pvt. Ltd.



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

Dated - 15/06/2024

Ref. No - NCPL/2023-24/223

To,

The Director

**Training & Placement Office** 

Khalsa College of engineering and technology Amritsar, Punjab

### Subject: CONFIRMATION OF 45 DAYS INTERNSHIP PROGRAM.

Dear Sir/Madam,

We are pleased to inform you that Shivani Singh Chauhan, D/O Rakesh Ranjan Singh, Having Roll No. 2239725 of Branch B-tech (AI/ML) in course of Python have been successfully enrolled in our Six-Week industrial Internship program from (June to July) in our esteemed organization.

During the training, the student will have the opportunity to work on various projects and gain hands-on experience in their chosen field. Our team is eager to mentor and support students throughout the internship, and we encourage the students to actively participate in our daily activities.

The management will assess the candidate's performance throughout this period. We look forward to a productive and enriching 6 Weeks ahead with the candidate.

Best regards,

yours faithfully,

**FOR NOVEMCONTROLS** 



### Solitaire Infosys

To

Training & Placement Officer

Khalsa College of Engineering & Technology,

Amritsar.

Subject: CONFIRMATION OF 4-6 WEEKS INTERNSHIP PROGRAMME

Dear Sir/Madam,

It is our pleasure to confirm you that, Mr. Gurasees Kour Bali S/O Mr. Hardeep Singh Bali student of your college is enrolled for 4-6 weeks internship with us under the session Jun 2024 – Jul 2024.

The management will view the performance of the candidate during this period of Internship.

Regards

Gagandeep Sawhney

General Manager

M: +91-9876697771

# Solitaire Infosys Pvt. Ltd

Simple Creative innovative

INDIA (Head Office):- Plot No : C-110, Industrial Area, Phase-7 Mohali (Pb.) | Ph : 0172 5090856
INDIA (Branch Office):- SCO 81-82, W-Tower, Above Yes Bank, Leela Bhawan, Patiala (Pb.) | Ph : 0175 5014469
CANADA (Branch Office):- SUITE 208, 3474-93 STREET NW EDMONTON ALBERTA-T6E 6A4, CANADA | (917)-829-3700
US (Corporate Office):- 24981, OWENS LAKE CIR, LAKE FOREST CA 92630-2522



# Khalsa College of Engineering & Technology ਖ਼ਾਲਸਾ ਕਾਲਜ ਆਫ਼ ਇੰਜੀਨੀਅਰਿੰਗ ਐਂਡ ਟੈਕਨੋਲੋਜੀ (Approved by MCTE, New Delhi & Affiliated to HKG Panjab Technical University, Jahandhar(Goxt. of Panjab))



		DEPARTMENT	OF ELECTRONICS AND COMMUNI	CATION ENGINEERING	
			ABLE FOR INSTITUTIONAL TRAIN		
		Timings: 9:0	0- 11:30 AM and 12:00-3:00 PM (Break	k- 11.30 am-12.00 pm)	
DAYS	SHIFT	26th -30th, June 2023	3rd -7th, July 2023	10th -14th, July 2023	17th -21st, July 2023
MONDAY	м	OOPS- G1(SPK)	OOPS- G1(JK)	OOPS- G1(LK)	ARDUINO Hand on Practice
	E	WEB DESIGNING- G2(SBK)	WEB DESIGNING- G2(PK)	WEB DESIGNING- G2(SBK)	
TUESDAY	м	OOPS- G2(SPK)	OOPS- G2(JK)	OOPS- G2(LK)	ARDUINO Hand on Practice
	E	Introduction to equipments (IK & MP)	Circuit Designing (GS)	WEB DESIGNING- G1(SBK)	
WEDNESDAY	м	NETWORKING- G1(SPK)	OOPS- G1(JK)	NETWORKING- G1(LK)	OT & Rasberry Pi Introduction
TEO NESON I	E	Introduction to equipments (IK & MP)	Testing of Components (IK & MP)	MULTIMEDIA TOOLS-G2(SBK)	
THURSDAY	м	NETWORKING- G2(SPK)	OOPS- G2(JK)	NETWORKING- G2(LK)	
	E	MULTIMEDIA TOOLS- G1(SBK)	WEB DESIGNING- G1(PK)	WEB DESIGNING- G1(PK)	
FRIDAY	м	Testing of Components (IK & MP)	Electrical Systems Auound Us (GS)	MULTIMEDIA TOOLS-G1(SBK)	•
	E	MULTIMEDIA TOOLS- G2(5BK)	WEB DESIGNING- G2(PK)	WEB DESIGNING- G2(PK)	

Course Name	Teacher Name
WEB DESIGNING	SARBJOT KAUR (SBK)
WEB BESIGNING	PARAMJEET KAUR (PK)
INTRODUCTION OF EQUIPMENTS, Testing of Components	Dr. MAALTI PURI & Er. IKROOP KAUR
OOPS	JASLEEN KAUR (JK) SUPREET KAUR (SPK) SUKHMEET KAUR (SK) LOVELEEN KAUR (LK)
NETWORKING	SUPREET KAUR (SPK) LOVELEEN KAUR (LK)
MULTIMEDIA TOOLS	SARBJOT KAUR (SBK)
IT DESIGNING & ELECTRICAL SYSTEM AROU	Dr. G.S. GREWAL

Total Training Hours according to schedule=100 hours

Expert Talk= 2 hours Internal Viva= 2 hours Industrial Visit

TT Incharge

HOD(CSE)

Training Coordinator

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Director

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### MECHANICAL ENGINEERING DEPARTMENT

Subject Name: Institutional summer Training

Semester: 3rd Sem

#### Name of students

Sr No	Roll Number	Name of the Student
1.	2205015	Ajit Kumar
2.	2205016	Amit Kumar
3.	2205022	Munna Kumar
4.	2205023	Pankaj Kumar Sharma
5.	2205028	Ritik Kumar
6.	2205032	Sachin Kumar yadav
7.	2205036	Sunny Kumar
8.	2205039	Yogesh
9.	2205131	Rishi kumar Yadav

(Dr. Salideep Devgan)

HOD (Mechanical Engineering)

Head Mechanical Engg. Deptt. Khalsa College of Engg.& Technology Amritsar

			ANICAL ENGG.		RD
TIME			VOCATION TRAINING" (		TO 20 JULY, 2023)
T-VIOLENCE OF		AM - 11:00 AM	11:00AM - 01.00AM		1:15 - 3:15
DAY/Period -	1	2		3	4
MON	Black Smit	Module-I itutionI Training hy shop and Carpentry .Padam Kumar)			odule-II (Lab-3) Sameeksha Joshi CAD
TUE	Black Smit	Module-I itutionI Training hy shop and Carpentry .Padam Kumar)			odule-II (Lab-3) rmeet Singh Chawla CAD
WED	Sheet me	Module-I itution! Training tal Shop and Welding rr. Rajpal Singh	BREAK		odule -II (Lab-3) Mansi Mahajan CAD
THU	Sheet metal	Module-I itution! Training Shop and Welding Shop Ir. Rajpal Singh			Module -II arpentry Shop r. Padam Kumar
FRI		Module-I citution! Training Foundry shop Ravinder Sharma			Module -II Welding Shop Ar. Rajpal Singh
SUBJECT	Code	FACULTY			
Institutional Summer Vacation Training	BTME -101	Er Karanbir Singh Er Ravinder Sharma Mr. Padam Mr.Rajpal singh	ator have to submit the attendance	sacrad after the tr	sining

TT INCHARGE

DIRECTOR

DEAN ACADEMICS

# IK Gujral Punjab Technical University Jalandhar Institutional Summer Vacation Training (Batch 2018 and onwards)

### INSTITUTIONAL SUMMER VACATION TRAINING (04 WEEKS)

# B.Tech. (Mechanical Engineering / Automobile Engineering / Automation & Robotics Engineering / Production / Industrial Engineering)

Module-01: Black Smithy Shop: Introduction, Study & use of smithy forging tools, anvil, swage block, chisels, punches, hammers, sledge hammer, study of air blower M/c & sheering M/c.

Job Making – (i) Prepare an octagonal cross-sectional Poker by using various types of hammers and forging tools.

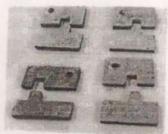
(10 Hrs.)

Module-02: Carpentry Shop: Introduction, study & use of various tools like cutting tools, planning tools, striking tools, drilling and boring tools, holding tools etc., Study of wood turning lather machine

Job Making - (i) Prepare a Cross-lap joint using different planes and rasp file.

(ii) Make a Dovetail joint using different carpentry tools such as planes, mortise chisel and tenon chisel. (10 Hrs.) Module-03: Fitting Shop: Introduction, study & use of different tools, cutting tools, marking tools, drill bit, die & tap & types of files.

Job Making – (i) Prepare the following job by using suitable fitting tools by taking Mild Steel as a raw material with 5-6mm thickness and suitable dimensions. (10 Hrs.)



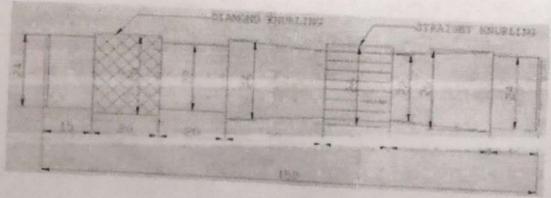
Module-04: Foundry Shop: Introduction, study & use of cupola furnace, various tools, pattern making moulding boxes.

Job Making – (i) Considering all the gating elements, Prepare the mould in a green sand using split pattern and complete the casting process.

(10 Hrs.)

Module-05: Machine Shop: Introduction, study and use of lather machine, shaper machine including operations, holding devices and materials for cutting tools

Job Making – (i) Complete the multioperation job on lathe machine by taking the 26mm diameter of Mild Stool bar.



#### IK Gujral Punjab Technical University Jalandhar Institutional Summer Vacation Training (Batch 2018 and onwards)

(10 Hrs.)

Module-06: Welding Shop: Introduction, study and use of welding tools and devices, Study of electric arc welding machine

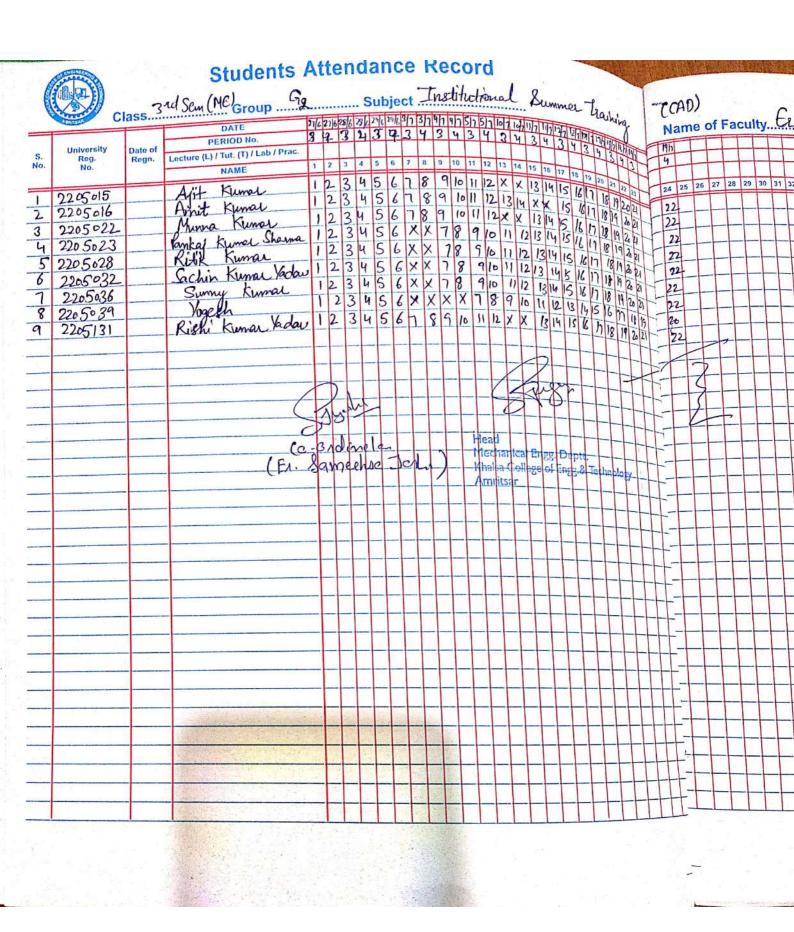
Job Making - (i) Using electric arc welding technique prepare the following welding joints: -

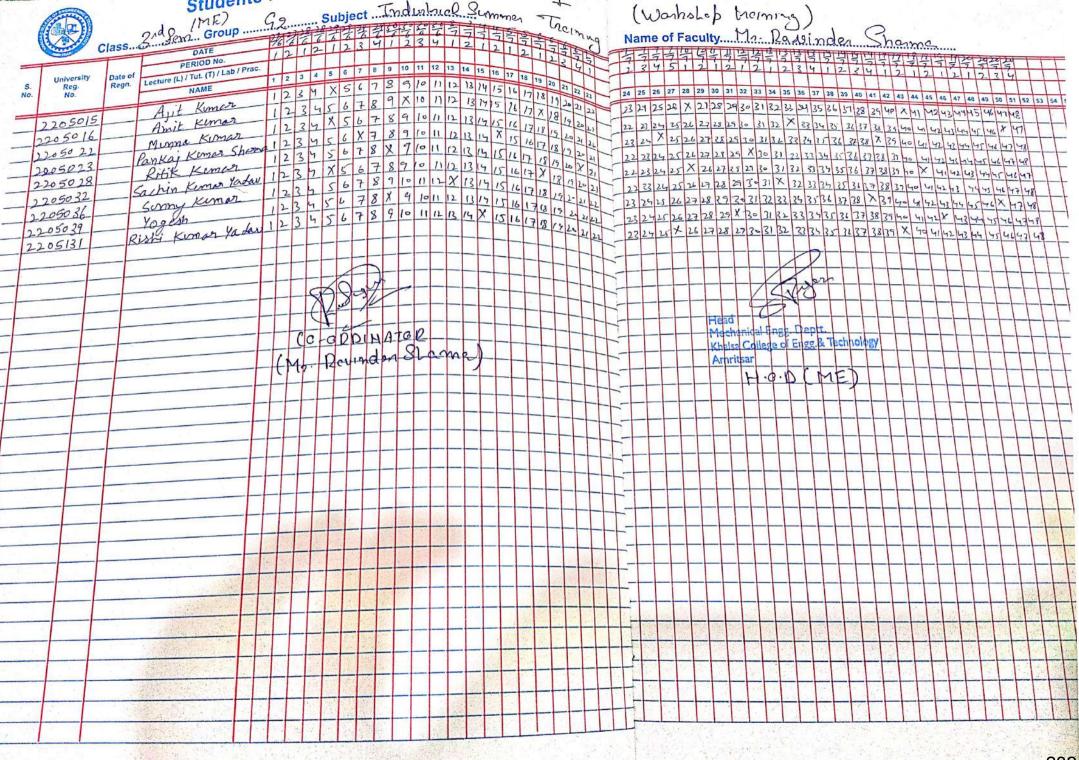
- a) Lap Joint
- b) Butt Joint

(10 Hrs.)

Module-07: Sheet Metal Shop: Introduction, study and use of various tools, soldering and brazing Job Making – (i) Develop and Prepare a conical funnel of GI sheet using lock seam joint and soldering method.

(10 Hrs.)





#### I.K.Gujral Punjab Technical University Internal Theory, Practical and External Practical Awards for Examination :Nov-2023 Institute Khalsa College of Engineering & Technology, Amritsar Branch/Sem. B.Tech. (Mechanical Engineering) / 3 Subject 77403 / BTME-309-18 / PRACTICAL / Four Weeks Institutional Summer Vacation Training Scheme 2512 / B.Tech. (Mechanical Engineering), Semester-3,2018 Mode of Conduct of Practical Examination: Offline Max. External:-Max.Int:-

	T-L Att	Int Marks	Marks in Words	Ext. Att	Ext. Marks	Marks in Words
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<sup>1.</sup> 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

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

for conduct of External Fraction	Name & Sign of Director/Dean (Academics)  Dean Academics (AICTE-Courses)
Sign & Mobile No. of Internal Faculty Member	Khalst Cottege of Engineering & Technology  Amritsar.
Singh Sunny) 25988(Sandeep Devgan)	Name & Mobile No. of External Examiner
Minloaded By (Name, Cight	1) n Snehsheet Man
Note: Internal Faculty Members are required to sign on every page with	th date.

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2	2205016	Amit Kumar	12	13	12	13	11	3	7	7	70	67	96	5	46	77	Satisfactory
3	2205022	Munna Kumar	14	13	14	14	13	5	8	9	70	69	99	5	54	90	Satisfactory
4	2205023	Pankaj Kumar Sharma	13	12	12	13	10	3	8	8	70	67	96	5	47	79	Satisfactory
5	2205028	Ritik Kumar	12	13	13	13	12	4	8	8	70	65	93	4	49	82	Satisfactory
6	2205032	Sachin Kumar yadav	11	12	13	12	11	2	6	6	70	66	95	5	42	70	Satisfactory
7	2205036	Sunny Kumar	14	14	13	14	13	4	8	8	70	67	96	5	52	87	Satisfactory
8	2205039	Yogesh	11	13	11	- 11	13	5	9	9	70	64	92	4	51	85	Satisfactory
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# PUNJAB TECHNICAL UNIVERSITY, JALANDHAR

1110	31 C1	Time 2:3 or PM  the Centre date group and time as arranged for the above
r. No	Roll. No.	Signature of the candidate before the practical examiner
1	2205015	
2	2205016	Aril kumas
3	2205022	etrit kun
4	2205023	munna Kumasi
5	2205028	ranka) kuman glanma
6	2205032	eitik kuman
7	2205036	Southin Kuman Yaday
8	2205039	Sumy Ruman
9	2205131	Riski kumar
otal No. of Candi y the Superintend	dent/Principal 9 1	Total No. of Candidates examined by the examiner 9
perintendent ddress	The soll of	Address Signature of Practical Examiner  AGC, AMR TISAR





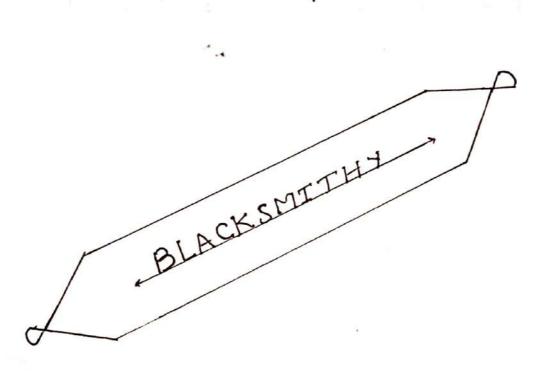




# INDEX

Name SACHIN KUN	MAR YADAY	Class B-TECH (M·E)
Subject	Roll No. 220 5032	Year. 3 7 d

Serial No.	Experiment Description	Experiment Date	Submission Date	Remarks / Signature
(1.)	BLACKSMITHY	\		
(2)	CARPENTRY			
(3)	SHEETMETAL WORK			· 9 .
(d)	WELDING	,		
(5)	FOUNDRY			
(6)	ELECTRICAL		/	
(7)	FITTINO	( M		193
			010	5 \ 5
			1	



BLACKSMITHY

Page No. 01

Blacksmitting or Forging is an oldest shaping process
used for the producing small articles for which
accuracy in size is not so impostrat. The parts
are shaped by heating them in an open fire
are shaped by heating them in an open fire
them through applying compressive forces using
hammer.

Thus forging is defined as the plastic deformation of metals at elevated temperatures into a predetermind size or shape using compressive forces exerted through some means of hand jobs. It is a manual controlled process even through some machiney such as powers hampers can also be suppetimes used.

Applications of forging
Almost all metals and alloys can be forged.
The low and medium carbon steels are readily
bot forged without difficulty.

#### FORWFABILITY

The case with which toxging is done is called tox gerability.

for subjung out forging operations manually

cestain common hand forging tools are employed There are also colled blacksmithy.

Teacher's Signature : \_\_\_\_\_

Teacher's Signature : \_\_\_

in hand forging.

Date \_\_\_\_ Page No. (03) Expt. No. \_\_\_\_ (a) The hand hammer used by the smith himself 1 b) The sledge hammer used by the striker set hammes A set hammer generally used in Forging shup is shown It is used for finishing corners. FDRGITNIGI UPERATIONS (1.) Drawing - down (2) Upsetting (4) Falattering (1) Swaging (8) cutting I Hot and cold chisels 19/ Tron- corpor Alloy:-Hardening temp. Oc casbon Applications 9/0mild steel 800-840 250-300 chains, rivets, soft wise 0.1 0.52 800-840 250-300 Tube, sod, stoip 0.5 800-840 250-300 vixdexs 0.6 800 -840 250-300 caws, hammers, 760-800 250-300 Medium 27.0 6107 764-800 0.9 250-300 carbon steel Taps 250-300 T.0 760 - 800 Doilly remess 720-760 250-300 1-tigh carbon 1.2 Small cutters 720-760 250 - 300 1.35 Razos blads

Teacher's Signature : \_\_\_\_

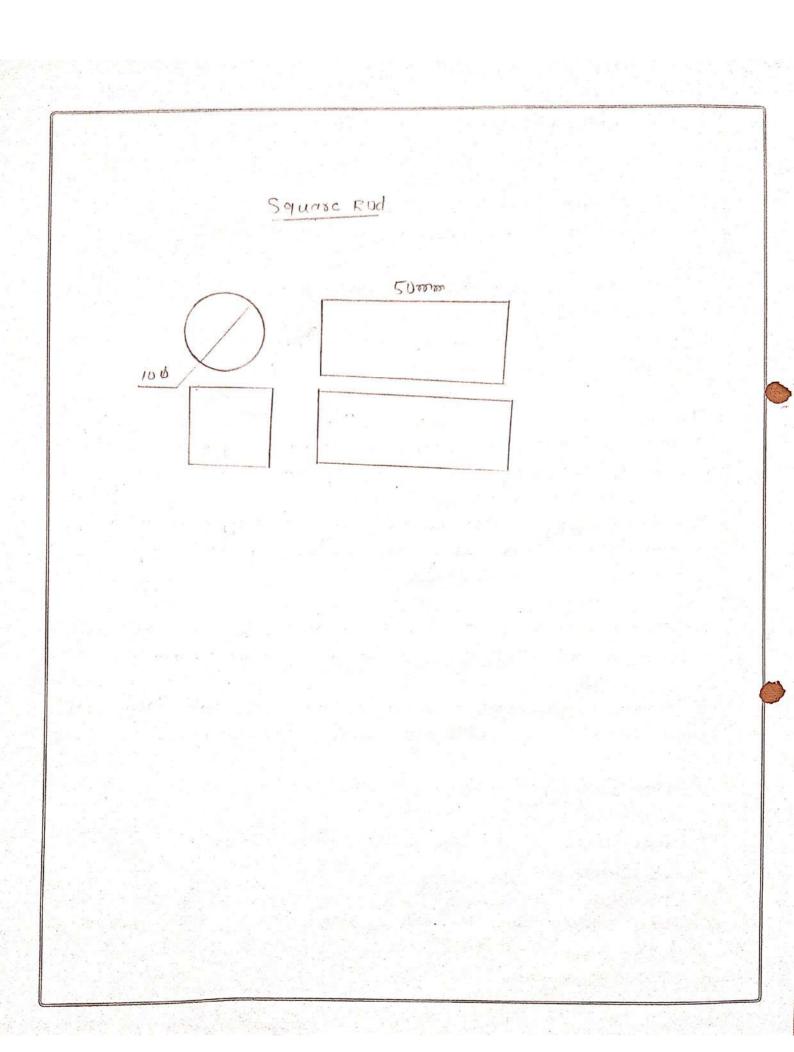
Date \_\_\_\_\_ Page No. 04 Expt. No. \_\_\_\_ The following are the purposes of heat teatment 11) To remove internal stresses set - w during tenging (ii) To normalize the internal structure of the metal. (iii) To improve machinability. (ii) Tu improve mechanical properties SAFE PRACTICES -11.) Hold the hot work do wowards close to the ground while transferring from the hearth to anvil. (2) Use consect size and typeat tengs (3) care should be exercised in the use of the hammer (a) Water gloves when handing het metal. JOb:-1 S-HOOK Aim: To make an s- book from given sound Tod. by following hand furging apposition. Tools required: Smith's forge, Anvil, sough and I kg bout Deen hammers. Flatters, swage block, Half. requence of operations:-11.1 one end of the has is heated to sed hat condition in the smith's tage too the acquired length. (2) Using the pick-up tongs: the sud is taken From the Forge and building it with that half sound

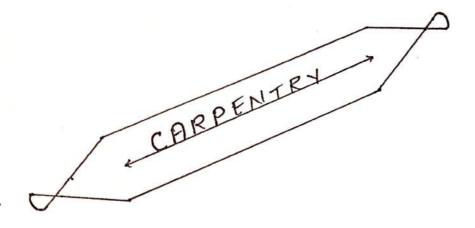
Teacher's Signature : \_\_\_

tengs, the heated and its.

	Date
xpt. No	Page No. 05
(3) The longth of the rod required	res for s-houde is
(4) one half of the rod towards	the puinted.
Result: - The 5-hook is thur of	
Jub:- Square Ro  Dim: To make a square rud  and by fullowing hand forging  Tools required:-  Smith's Forge, Anvil, 500 gm  hammers, flotters, swage block,  up tongs, cold chisel.  sequence of operations:  (1.) Take the raw material fro	form a given round-  p operation.  Houf round tungs, pic
(2) Handle Specimen with sou blacksmith's forge with the part	nd tengand heat in
(3) The required piece heater	Who it.
(4) The part is taken out for blow with sledge.  Result:-	rum the forge and
The square radis thus m	ade from the airen

Teacher's Signature :





Expt. No. 02

CARPENTRY

Page No. OL

Carpenty is the process of shaping Timber, using Hand tooks. The products produced are used in building construction, such as doors and windows, furniture manufacturing, patterns for moulding in foundaier etc. carpentry plook mainly involves the joining is also used commonly for carpentry. A student studying the fundamentals of wood working hasto know about timber and other carpentry materials. Wood working tools, carpentry operations and the method of making common types of joints.

Materials used in carpentry shop are timber and plywood. Auxiliary materials used are nails, crews and plywood. Auxiliary materials used are nails, crews addresiver, paints, varnishes, etc.

Timbes: - it is the name given to wood abtained from exagenous (outward growing) there, the growth is outward from the centre, by adding almost concentric layers of fresh wood every year known as annual rings. After the full growth, three are cut and sawed to convert into rectangular sections of as annual rings.

- 11.) Log
- 12) BOUK
- (3) Deal
- (4) Plank
- (5) Board
  - (6) Ratter

Teacher's Signature : .

Expt. N	0
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Page No D2

Expt. No.	Page No. <u>D.2</u>
Classification The Hmbe Can be divide and has d Mo	a med tox commercial bashoces
but the me	be color of the sap wood louter
are colded. I	spes of wood the annual sings bey way have distinct annual act and thin and the meduly about e visible in must cases figure.
(i) Friogenous	n or in mary dramind es out mary dramind
	seasoning
	Teacher's Signature :

Expt. No.

Page No. 08

and a king say	
	Tools for wood wasking
	The principle hand touls used in a cospentage
	Morkshop can be classified into.
	lil Marking and measuring tool
	(ii) cutting tool
	Lill Planing tool
	liv) Boxing tool
	(V) striking tool
	(vi) Holding tool
	Maxicing and Measuring tool
	Rules are used for measuring dimensions
	typer of rules are used in conpentry shop.
	to be of some are need in contentry 2005.
	1 b) Strainght Edge and squirer
	This is a mechined of pice Mood as
	metal having pestectly.
	0
	Holding tools
	U
	la) Mork Beach
	This is a table of having size and saired
	construction made of pand mond . The siz sanger
	Form 50-80 cm in length and about go com in
	Inidth. Two ox four carpenters can work at a
	time on the 1/40xk bench.
	Teacher's Signature :
	reactier's signature :

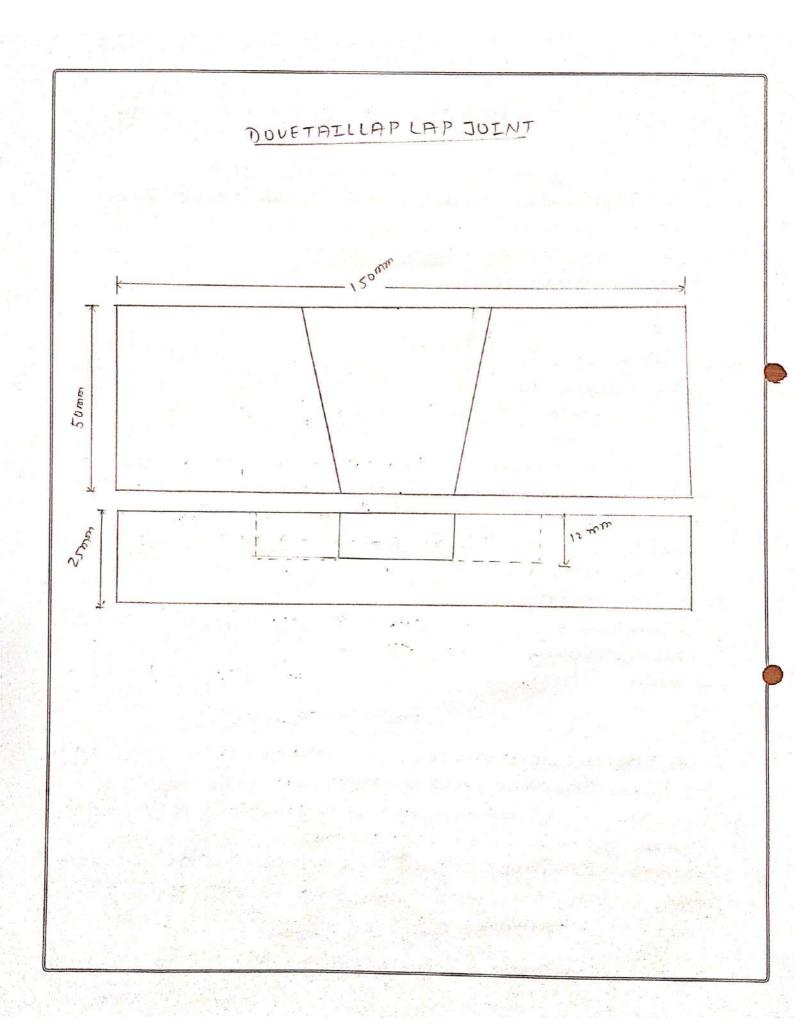
Expt. No. DI DOUETAIL LAP JONT, Page No. 04 Aim: to make a dovetail lap joint. MATERIALS REQUIRED: Teak Mood (30 mm\* (JOmm \* 50mm) TOOLS AND FOUTPMENT USED 1. steel xule 2. Try square 3. Marking guage 4. Rip cow 5. Tenon sow 6. Mostice chisel 7. Mallet 8. Juck plant 9. Mood rasp File OPERATIONS TO BE CARRIED OUT:-1. Planning 2 Marking

# PROCEDURE :-

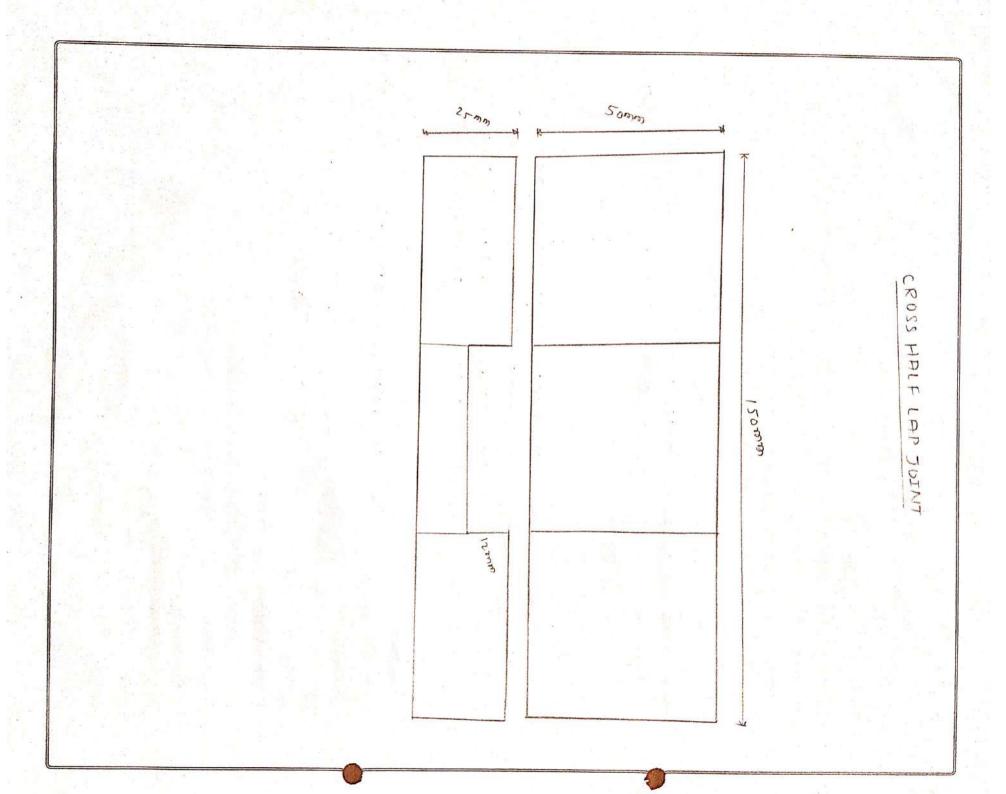
(1) The Munden pieces are made into tous haves and are shecked for dimensions. b) one side of pieces is planned with Jack

Plane and to straightness.
(3) An adajacent side is planned and chocked FO) requareness muith a try square.

Teacher's Signature:



Teacher's Signature :	1	(a) Righting guage	) 784	10015	TERTALS REQUIRED: - Touk Mood	Jobi-02 Joint	done fait lab joints is sounds succes	CA MOUSE SAN A MED AT TO GREEN SHOWN OF	Case should be taken while c	DOMING PE FACE	maxtise chisel.	I m(x) is chiseled	Using tenon saw, the postions to be	(5) The ences monterial is planned to consect	according to given Hause.	our of war	loPag	Date
					(20 mm	nt.	Acces fully	10 0 vigin	- 0 1	877.7 0.		Nuith		Currect		nax ked	No. 45	Date



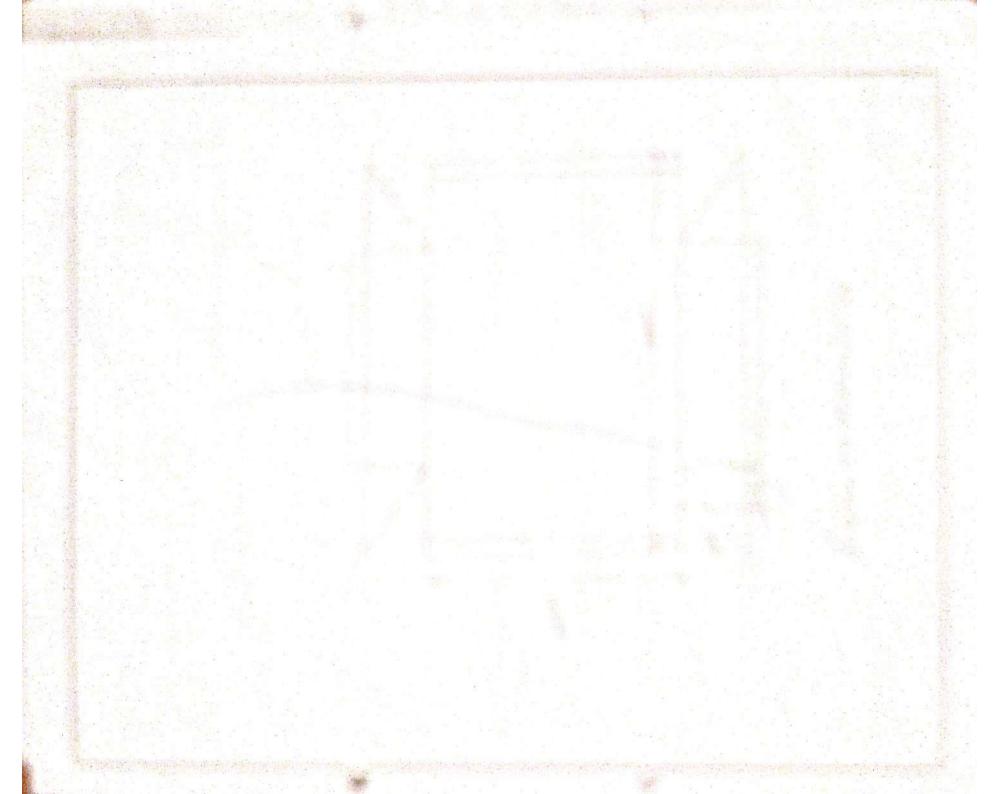
Teacher's Signature		be face from	PRECAUTIONS -	(6) USING LEDGE COURT TO DISTING	(5) The CHEU modesical is playmed	STATES CLINIB OF BUILDISSO	Tooke the	DE 15 SET 050	コーナナ	(3) An adapatent Side is Planned	STATE FORCE + S XD + PURE SURE	pecked for dix	The Mooden	PROCEDURE .	BUSINESS FOR CONTRACT	(4) CDISCLIMB	(2.) May king	OFFRATIONS TO SE	13000 0000 HIC	4 CAD	Blell	(c) Mostris chisci		Expt. No.	
gnature :	appear of their	MIN-SI DOLL		to 1.0	med to cease of t		hickness a	THE CARE SEED FEET	9	ed and checked	Property Party Park		te tous houses				BOOK AND REPORTED TO A CONTRACT OF THE PARTY						- Constitution of the last	Page No. O.S.	Date

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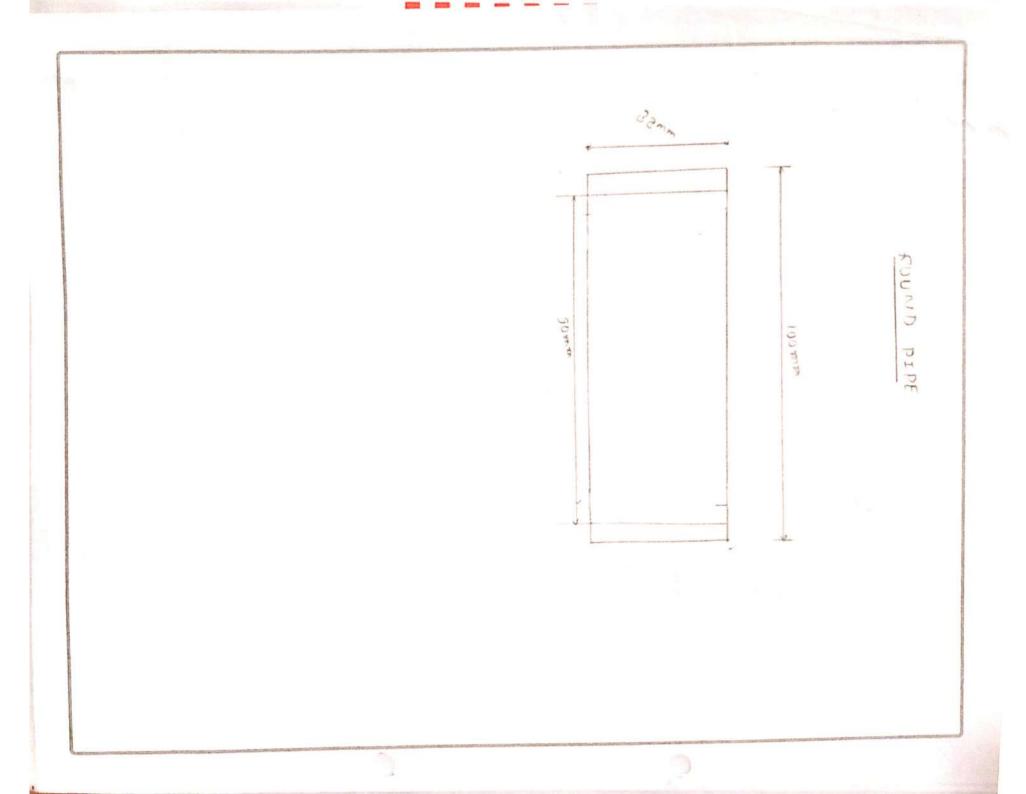
Teacher's Signature :	(iii) Trammel	b.) MARKING TOOLS	(田) Steet Metal Bange (田) Niconometer (田) Niconometer	The following types of touls	Laximal (	touls	HAND TOOLS:-	1 h	3 7 2	Expt. No
ature:				الا معد ده مصعمهاء		ased in sheet				Page No02

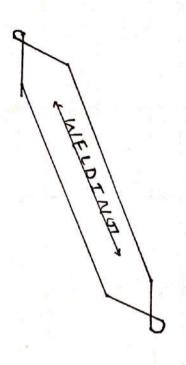
Expl. No.  (III) CUTTINITY Tools  (III) FOR MITNITY TOOLS  Sharping of the She  (Allowing types of fe  Used Fa bending culing  The Adde Trake holder  The Houle as well as the  Chup is a recknopula  The Houle growers:  (b) Pivet cat  (c) Soldering joints are:  (d) Hand growers:  Hand growers:  Hand growers:
Page No. 03  Frools  The sheet metal Such as follows of the sheet metal ax  These use the sheet metal ax  ding cerning ax fours.  These use the sheet metal ax  echangulas beach plate as sheet metal ax  echangulas beach plate as should be  so solvers  solvers  Set  Tools  Too

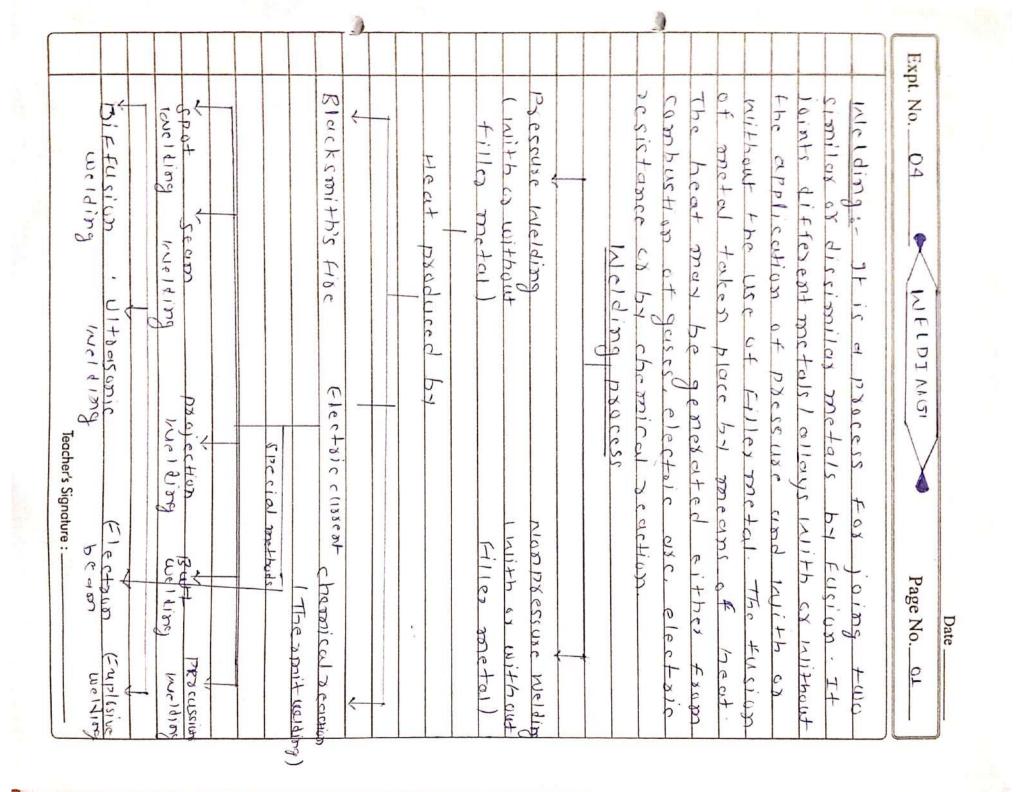
	Folding wsed.  Folding wsed.  Folding the end to the edge and to the edge and the edge.	(1) Cap secran (1) Single secran (1) Dave-tail	SHEET METAL  is called seam. THE  Gre as follows.	SOLDERTNIST INSTANTANTAL SOLDERTNIST TO SOLDERTNIST TO SWITH AND SOLDERTNIST TO SWITH AND SOLDERTNIST TO SWITH AND SOLDERTNIST TO SWITH AND SOLDERTNIST TO SWITH AND SOLDERTNIST TO SWITH AND SOLDERTNIST TO SWITH AND SOLDERTNIST TO SWITH AND SOLDERTNIST TO SWITH AND S	RIVEN SET:  RIVEN get is  bootom of the	Expt. No.
Teacher's Signature :	metal objects strongth is given and the sharpmess is sliminated	( ) Crasa Seasa Seasa Seasa Seasa Seasa	The most common types of second	Transfirmadecially in unasious shaper to swit the uses assignation in Figure-	the first set there is a dost the	Fage No. (G1)

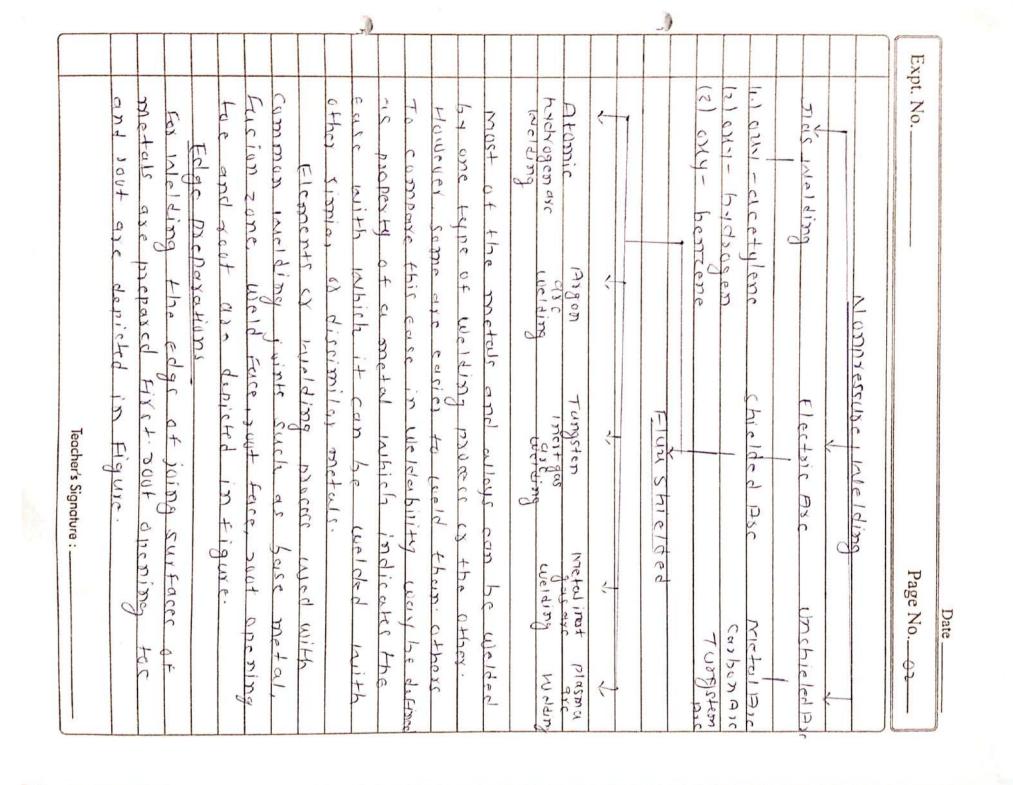


Teacher's Signature :	
The cylind sical shap is prade success feelly.	-
care much be to licen 1/1)	
	T
501	
(2) Secretary (1)	
(a) Bending	T
)	
(2) ray 14 mg	
	1
OPERATIONS TO BE CARRIED OUT	
(B) 301 = +	
(7) States	T
	T
(a) Toy Squaxe	1
0	
1	
ee) X(L)e	
TOOLS AND FRUITPMENT REQUIRED:	П
(Stallasticed Tran Shect (100+38*26 gauge)	
S REQUIRED:	T
required dimensions.	-
AIM: - To make a calligadical pipe as per	Г
JOB: - OZ ROUND PIPE	
Expt. No Page No O <	
Date	









Teacher's Signature :	The process, in which an electric are and a work piece or him that piece or him the plectander is could base metals is could and are process.	(a) Flat or clown hand position (b) Hasizantal position (c) Ucotical position (d) and head position	As shown in Fig 17.4, these are four	(2) Rutt Meld juint (a) Single-Vec Rutt Meld (b) Double-Vec Rutt Meld	(ii) The Fillet Isweld  (iii) The Fillet Isweld  (iii) The Fillet Isweld	Some common banks are described as under the shape some common banks are of generally shaped in the case shaped from the same of the shaped as and butter of the shaped as and butter of the shaped as and butter of the shaped as and butter of the shaped as and butter of the shaped as and butter of the shaped as and butter of the shaped as and butter of the shaped as and butter of the shaped as and butter of the shaped as and butter of the shaped as and butter of the shaped as and butter of the shaped as an and butter of the shaped as an and butter of the shaped as an and butter of the shaped as an analysis of the shaped as an analysis of the shaped as an analysis of the shaped as a s	Expt. NoPa
	exc melding		types of			Shows In OF LWO	Date Page No03

Expt. No. Phoney ULLOAJ Emplosy Welding Common THE Hause 1. (111) ~ ( ) V Axc Asc (Viii) (VIII) ( X ; ) ( 'Y) × ) YIV) X 4; Switch 255 (+ atho basis たっ tas(co) Ashestas Candary Himinals SUX ENT 130円 25 62502162 prelding Chipping Electrode Buippor Burp law happel Hause. touls of Ruchding Sautus TOLINO STIM Fayth 140 MCNOX Process Job susudantes gaibanuxunz Shie painciple bou doxilo machine BLHOMBSL ycading youth hand holder 910 S 2 (Web) cable hammer USC axc anthe ment (mctalic) Faminament 50 asses Symple 0 Millow Hunker Dyote Score T Some Shown in pasic hand 310 Stray なった to shielding Including Teacher's Signature: elomen H OX C Dacvent stell and Hause. shown Sol Sudued 140WEVET CHUMDYS Page No. We12 Scharatery while Date 240 13 104 tools thexi

(g) Available Floor Space  (h) Wesselflit-1 of equipment  (2) Melding cables  (3) Electrode holdes  (a) Molding Electrodes  (i) Consumable Flectrodes  (ii) Raye Electrodes  Teacher's Signature:	(a) Type of elections to be used and metal.  (b) Available valuer source (Ac as Dc)  (c) Required output  (d) Duty syste  (e) Efficiency  (f) Enitial softs and summing softs	Are latelding Equipment stup and related touls and acceptable touls and acceptable touls and acceptable touls and acceptable touls and acceptable are shown in Figure. However a common touls are shown in figure. However are common touls are shown are described as condained in the particular applications. De intelding are described it particular applications. De intelding are described into particular applications. De intelding current in the particular applications.	Expt. No. Page No. (05)
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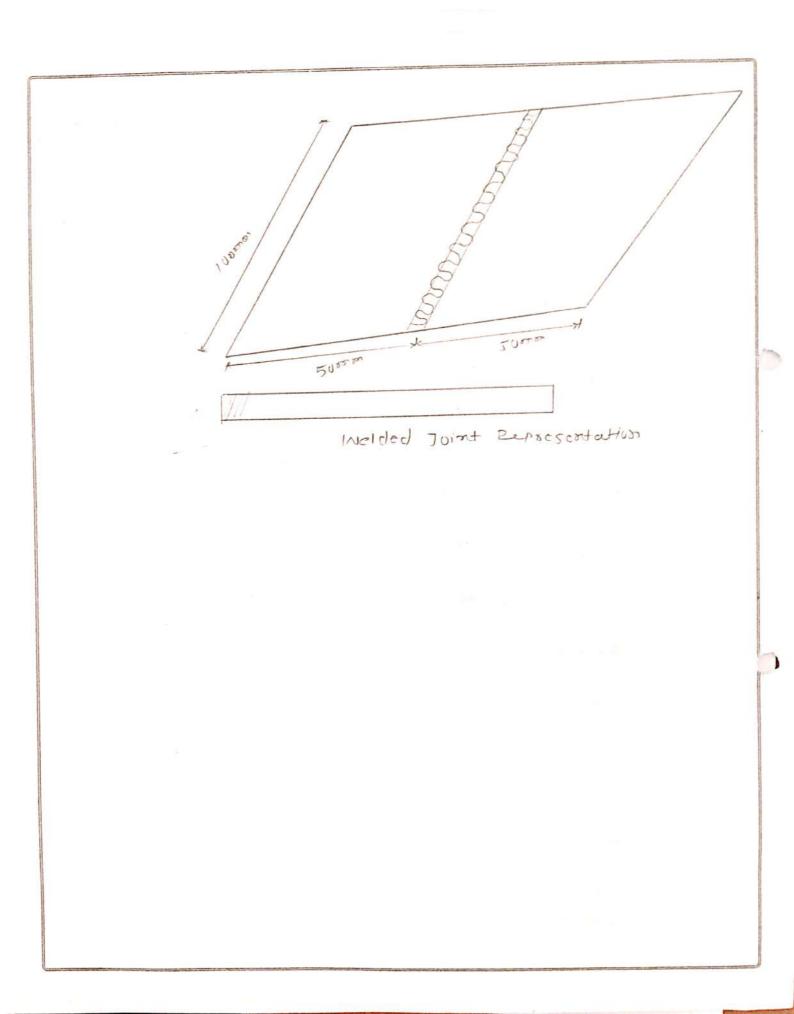
Teacher's Signature: \_\_

121 cutting

(1) Tacking

( ?) Edge Preparation

14) Try square leveling



	Date
Expt. No.	Page No. (7)
(6) Molding	
(7) cualing	
(8) chipping	
(9) cleaning	
Resut:	
The single V-buttioint is H	our made, using the
tools and equipment as mention	red above.
JUB:-2 LAP JOINT	
Aim: To Make a lay joint wing	ng the given two
Material supplied:  Naild steel plate of size 100	2011 2 - Wales 2105 X
Inclding Electrodes:- Mr. 5 elect	rudes 3.1 mm x 3 rumm
Inclding Equipment: - Air coul	
Vultage-outo	500 U, 3-0 SUPPLY
Current UP +	0 3 50 Amps
Tuols and Accessories requir	teq.
(1.) Rough and Smooth Files.	
(2) 1780+ractox	
(3) Arc welding machine 1 to	J
(9) Mild Sted electrode and	electrode Holder
(I) Dround clamp	
(c) Tongs	
(7) Face shiet, let Apron (g)	chipping hammes.
Teacher's	s Signature :

	Date
Expt. No.	Page No. (08)
Sequence of operations:  (1) Marking  (2) Cutting  (3) Edge preparation (removal of rust  Filling  (4) Try square leveling  (5) Tacking  (6) Walding  (7) (voling  18) Chipping  (9) cleaning  Proceduse:-	
(1) The given mrs pieces are to  Of rust and scare  (2) The two pieces are positioned table such that the two pieces are over the drown in	on the welding
Result:-  The single v-butt jont i  Using the tools and equiment as	is thus made, mentioned above

Teacher's Signature : \_

FOUNDRY

NAME OF TAXABLE PARTY.	
	PATTERN: - A pattern is a model of the object  It obe cacted). It is embedded in molding send &  suitable saming of molding sand around the pattern is made. The pattern is then Mithdraw tox genes  - ating cavity I known as mold I in molding sand.
	The types of the pattern and the description of each are given as under.
	(1) one piece of the pattern, (2) TIMO piece of pattern (3) cope & doing pattern (4) Three-piece or multi-piece pattern (5) Match plate pattern (7) Loose piece pattern (6) Match plate pattern (7) Follow bord pattern (8) stated pattern (9) sweep pattern (10) sketcton pattern (11) segmental or pattern.
	(1.) single-Pice ex solid patterni- solid pattern is made of single piece without joints, patrings lines of loose piecs. It is the simplifying at the parting (ine is done to facilitate the withdraw of the simplest form of the pattern. Types singulpiece pattern is shown.
	12) The piece of split pattern: - when solid pattern is difficult for withdrawal form the rould cavity. then sold pattern is pins.
	Teacher's Signature :

## MOLDINGSAND

The general sources of two types namely natural molding sands contain sufficient sufficient bindes: whose syntheir molding sonds are prepared artificially using basid sand molding constined (slica sand in 28-32%, bindes 6-12%, water or moisture content D-6%) and ather additions in proper propertion by inleight with perfect mixing in suitable equipments.

## Binder

In general source, the binders can be either inorganic or agamic substance The inorganic group inclues clay soldie streate and part land coment etc. In founday shop the clay acts as binder which may be known to fall clay.

## Additives

to the molding and care sand menture to decke

- (1) roal dust.
- (2) corn flow
- (3) Desition
- (4) sea cow
- (I) wood flour
- (6) suica Hour

Texacher's Signisture : ....

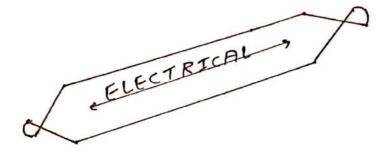
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KINDS OF MOULDINGS SAND  (1.) STreen Sand	
(2) Dry sand	
(4) facing sand	
(1) facing sand (5) Backing sand (6) paxting sand	
(6) paxting Sand	
PROPERTMES OF MOULDING SAM	JD
(1.) Refractoriones	
(3) Copezineners	
(4) Oreen Strength	
(5) Dry strength	
(6) Flowability of plasticity (7) Adhesiveners	
(8) collapsibility	
HAND TOOLS USED IN FOUNDARY	R a N a
oixcular wire Mesh of wipped with	
Monyew Edrame.	
Rammers: - Rammers are shown in Fi are required for striking the molder mass in the mulding.	g. These
Teacher's Signature :	

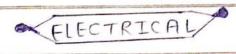
Teacher's Signature : \_\_\_\_\_

Expt. No Page No. (05)	
(8) Gate cutting  Procedure: - Mould Making	
(1.) First a bottom boost is placed either on the molding plat Form or on the flow, making the surface even.	
(2) The drong molding Hask is kept upside down on the mouding board I mouding platform 13.) Dry facing sand is sprinked over the board and pattern to provide a non-sticks	<del></del>
(4) DAM Exectly backaged woulding send of seducife analyth is some bacased in the	
(5) Rest of the drag Hask is completely File with the backup send and unitoximly ranned to compact the sand.	- 4
(6) After the rumming is uver, the extess some in the Flask is completely scraped using a flat has to the level of the flask edges.	නඨ
(7.) NOW with a vent mise which is a mis	98
Teacher's Signature :	

Evet No.	Date
Expt. No	Page No. 06
MOULD FOR A	SPITPATTERNI
Spit = 5:	nd mold, using the give
TECE Pattern.	
Donation control Ledi	uixed: - napmqing cand
hour lang sand baking	Sand, partern, button
board, moulding box	<i>C</i> -5 ·
TOOLS PROMING	
Tools Required:-	
(1) Malding Land	
(5) Daad and cobe po	
(3) Moolding sand	N CS
(4) Parting sand	
(5) Rommer	
(6) stoilce-off box	
(7) Rellows	
(8) Picer and space pl	D2
(9) Jate cutter	
(10) VESTTOD	
(11) Drow Spike	
(12) Mire Brush	
Sequence of operation	DD2:-
(1.) Zany brebaration	
(2) Hacing the mold	
(3) placing the slit p	attern at the center
of the mounting.	
	Teacher's Signature :



Expt. No. D.6



	INTRODUCTION:-
	Power is supplied to domestric installations
	through a phase and netural forming a single phase
	Ac 230 v to wise system for individual establishment
	Powher is supplied through those phase two wife
	system. Tugiven 400 V. the notwal is carted at to the
	domartic untities: Power is fed to kilo watt me to
	and then to distributions power along several circuits.
	ELEMENTS OF HOUSE INDRING
	(1.) Fuser and discult breakers
	(2) Electric switch
	(3) Plug
	(4) socket out let
	(I) Comp heldes
	(6) main switch
	(7) Incondesant Hight.
	COMMON HOUSE MURINOI REPATRS
-	(1.) Replacing a fuse
7	121 Resulting a circuit beaters
	(3) posulting a switch or anout let.
	(4) Repair of house hold appliances.
	an in MITT () Also
-	11.) Ensure that the insulation of wise reaches up
-	
	to accessivy.
-	(2) Do not over the tighten the scorw
	(3) Ensure that the hase wire is not tourning any hard
	Teacher's Signature :

Expt.	No
-------	----

angle land over 100 and	
	OPERATIONS TO BE CARRIED OUT:-
	11) Fitting the wises
	12) connection of the bulb holder
	(3) connection of plug sucket
	(4) connection of switch
	(5) circuit connection.
	(6) power from mains
	(7) Operation the bub.
	(8) Testing the plug sockel.
	O U
	RESULT
	when the wises are connected the bulb glows.
	JUB:-3 STAIR CASE INITRINGI
	Dim: To do stais case wising live control of
	on lamp by two switches fixed at two different
	planes
	Materials required:
	PVC wire of sufficient length 5-no, Two-way
	switches, but holders, criling rust and bulb.
	Tools and equipment used:-
	(1.) C' cutting pliess
	(1) C' cutting pliess
	(3) wise staippes
	A) Testor.
The state of	
	Teacher's Signature :

Exp	Expt. No Page No		
	operations to be carried out		
-	(1.) Fitting the W	220	
	(2) connection of		
	(7) connection of		
	(=) circuit - conne		
	(2) bombs Esam su		
	(c) operating the	Tamb	
	Precautions:-		
		innections to the	e switch and hwb
	bolders should be a		
	12.) Always sed wise should be used for thousand		
	black For neutral.		
	Result and conclusion:-		
	Stair case wixing lie control of one lamp		
	is done.		
	10016.		
S.NO.	SI	S2	Lamp
,	UP	UP	Boight
2	UP	Dump	O FF
3	Down	UP	OFF
4	Duun	Down	Roight
	Teacher's Signature :		
	reactions digitations .		

Date
Expt. No. 07 FITTIN 517 Page No. 01
The term fitting, is related to assembly  Of parts, after bringing the dimension or show  to the required circ or form, in order to recuse  the necessary Fit. The operations required For the  Same are usually carried out on a pask bench,
hence the term bench puck is also added with the name fitting.
FITTING, TOOLS  Fitting shop tools axe classified as below:  P INOX Holding Devices I Clamping Tools.  * Measuring and Mayking Tools.  * Cutting Tools  * Striking Tools  * Drilling Tools  * Threading Tools  (1) INORK HOLDING / CLAMPING TOOLS
12) BENCH VICE
(3) V Block
I MEASURINOT TOOLS
11) Steel RWe

Teacher's Signature :

	Date
Expt. No.	Page No. 02
(2.) colipers (3.) Vernler coliper	
(TII) MARKINISI TOULS:-	
11.) surface plante	
(2) Angle Plate	
(3) Scriber and surface Glange	
(4) Punches	
(c) Vernier Height gauge:-	
METHOD OF MIRKINS	
the help of a Working dra	W1819 08 (18ECT)
transferring them From a size	milas past. The
11.) The surface to be marked the paste of chark or red	lend and allowed
to day.	
(ii) Then the Mark is held device depending upon shape	In a holding
	r's Signature :

- The contre on the end of a round box
  can be located by using an odd leg calipos,
  surface gauge etc.
- marked by means of a divider.
- (c) Aster the scribing most is over indentations on the sustane are made using dut punch and hammer.

(IE) CUTTING, TOOLS

Sustace gauge etc.

Hacksow is used for cutting of rods, bors,

pires, Flats, etc. It consists of a fourme,

luhicle is made from mild steel. The

blade is placed in side the frame and is

tightened with the help of a Florge nut.

Teacher's Signature : \_\_\_\_

Expt. No.

Page No. 04

	pt. 110
	Depending upon the pitch of the teeth / Distance
	5/W the tell blades are generally forward cut so
	in the care, pressure is popplied in the forward
	ligection only Depending whom the disection of
	cut, blades are classified as:
	0 FOXWard cuto
	Back I word out
	Depending upon the pitch of the teeth
	( Distance BIW the two consecutive (ceth) blades
	is classified as:
-	· COUNSE (8-19 teeth Dex Inch)
	· Medium (16-20 teeth pox touch)
	Fine (24-32 teeth pas Inch)
	(2.) files: - Files are south points cutting tools.
	It is used to be move the material by pubbing
	it on the metals. Files are avoilibles in a
	num of sizes, shapes and degree of conscen
	classification of Filer
	(i.) on the busis of goade
	4"
	6''
	8''
	12")
	Teacher's Signature :

Expt. No		Date
		Page No. 05
(1)	on the basis of	
	on the basis of tength Rough (R) (20 teeth per	grade:
	Bastard (B) (Bo fath	( Inch)
	second and lead in	per Josep)
5	second cut 1sc) (40	teeth per inch)
8	Smooth File(s) 150	texth per isoch)
	Dead smooth (Ds)	1100 teeth per inch)
	on the basis of ma	on hex of cuts
	· Ci-o l	
	Single cut Files	
	· Double cut Files	
	o Rasp Files	
(2)		
(3) 0	n the basis of chape	and size
	The length of the til	es varies from 41 to
14*	. The voxIous shapes à	Colts - 150 ction
avoil	ble are hand tile, H	at File, triangular rough
2000	1xc, halt Dound, Knifer	edge, Pillas, Dredle
-100	min pie.	
(9	) Hat tile	
( )	) Hand File	
(c	) Squaxe File	
(d	) Tringular File	
le	) Tringular File ) Round File	
	F) Half - sound File	
1.0	g) knife edge File	
1	i) Mecdle File	
	· ) Mecale File	6

-	1		
1 )	ate		

	4	
Expt. No.	Page No. 6	

	706:-1 SQUARF CUTTING
3	Aim: - To make a square fit from the given mid
-	steel pieces
	MATERIALS REQUIRD:-
1 H	1.) E' try square
	(2) E'' raiber
	(3) odd leg calipex
ka 1	(9) 10" yound file
	(5) 10" smooth file
	(6) 10" square File
	(7) Dot punch
	(8) Rall pen Hammer (0.5 Ib)
	(9) Steel Rule
	(10)
	(i) filing
	(ii) marking
	(iii) Punching
	(iv) sawing
	(v) Filling
	(vi) Finishing
1	PROCEDURE:-
10.7	(1.) The given mild steel Flat pice is checked For
82	given dimensions.
6	(2) one edge of given is filled to straightness with
	yound and smooth Files and checked with try save
	(3) An adjacent is also filled such that is square
Tiebs.	

Date \_\_\_\_\_

Expt. No Page No
(4) ruct chark is applied on one side of the Flate and tried For making.
PERCAUTIONS
1.1 This perpendicularity of Fuce eds is checked perfectly by using try square.
(2) Finishing is given by acting only with smooth  Files.  13) Marking is done without paralless exists.
RESULT: - The square cutting is done successfully.
Teacher's Signature :









**Trainings of Non-AICTE Courses** 



### Khalsa College of Engineering & Technology ਖ਼ਾਲਸਾ ਕਾਲਜ ਆਫ਼ ਇੰਜੀਨੀਅਰਿੰਗ ਐਂਡ ਟੈਕਨੋਲੋਜੀ {Approved by AICTE, New Delhi & Affiliated to IKG Punjab Technical University, Jalandhar(Govt. of Punjab)}



Accredited by NAAC Grade "A" Department: Agriculture

Course: B.Sc. (Agri) Semester: 7th

Name of Training Course: - Industrial Training Details

Batch: 2020-2024

S.No	Roll No	Name of Student	Name of Organization
1	2023916	Chaman Kumar	Organic farming, Mushroom cultivation, Silage making, Plant Clinic
2	2023917	Ekamjot Kaur	Organic farming, Mushroom cultivation, Sugar mill, Hi-tech seedling
3	2023921	Janmeet Kour	Mushroom cultivation, Hi-tech Polyhouse, Organic farming, Soil testing
4	2023922	Jobanjit Singh	Organic farming, Medicinal plant cultivation and processing, Hi-tech seedling, Sugar mill
5	2023923	Jodh Singh	Organic farming, Mushroom cultivation, Plant Clinic, Smart farming
6	2023927	Novedeep Kaur	Mushroom cultivation, Hi-tech Polyhouse, Organic farming, Soil testing,
7	2023928	Ranjeet Singh	Hi-tech seedling, Medicinal plant cultivation and processing, Sugar Mill, Organic farming
8	2023930	Shabha Singh	Organic farming, Medicinal plant cultivation and processing, Hi-tech seedling, Sugar mill
9	2023931	Snehdeep singh	Seedling Production, Organic farming, Silage making, Sugar Mill
10	2023932	Taranbir Singh	Organic farming, Mushroom cultivation, Silage making, Plant Clinic

HOD, Agriculture

## Regd:- HR2655-87/88(INA) Prop. Kissan Agri Clinic ..has successfully For Kissan Agn Clinic For Kissan Agn Clinic Harmanjit Singh Village Chhajjalwaddi, Timmowal Road, Distt. Amritsar (Punjab) Kissan Agri Clinic SEEDLING PRODUCTION Certified that Mr./Ms./Miss. (Haman Kinnak. Son/Daughter/Wife of Madan Yaday. CERTIFICATE TRANING ON Dated: 25 - 10-20 93 Regd:- A002059362(Punjab Agro )

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Village Chhajjalwaddi, Timmowal Road, Distt. Amritsar (Punjab)

Regd:- HR2655-87/88(INA)

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Regd:- A002059362(Punjab Agro.)

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CERTIFICATE

Certified that Mr./Ms./Miss. (Raman. Kumak... Son/Daughter/Wife of ... Madan... Yaday...

...has successfully

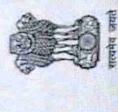
Dated: 25 - 10-20 23

Prop. Kissan Agri Clinic For Kissan Agn Clinic For Kissan Agn Clinic Harmanjit Singh

11 TPU 32PU 3014











Punjab Agricultural Management & Extension Training Institute (PAMETI), Ludhiana

In collaboration with

Farm Advisory Service Centre, Amritsar

# CERTIFICATE

Training of Rural Youth (STRY) scheme, sponsored by Ministry of Agriculture and Farmers Welfare, Government of 6-days training programme entitled "Bee Keeping" from 26 February to 2 March, 2024 conducted under Skill has successfully completed This is to certify that Shrif Smt. Examjot Kaur India, at FASC, Amritsar.

genelane

Director, PAMETI Ludhiana

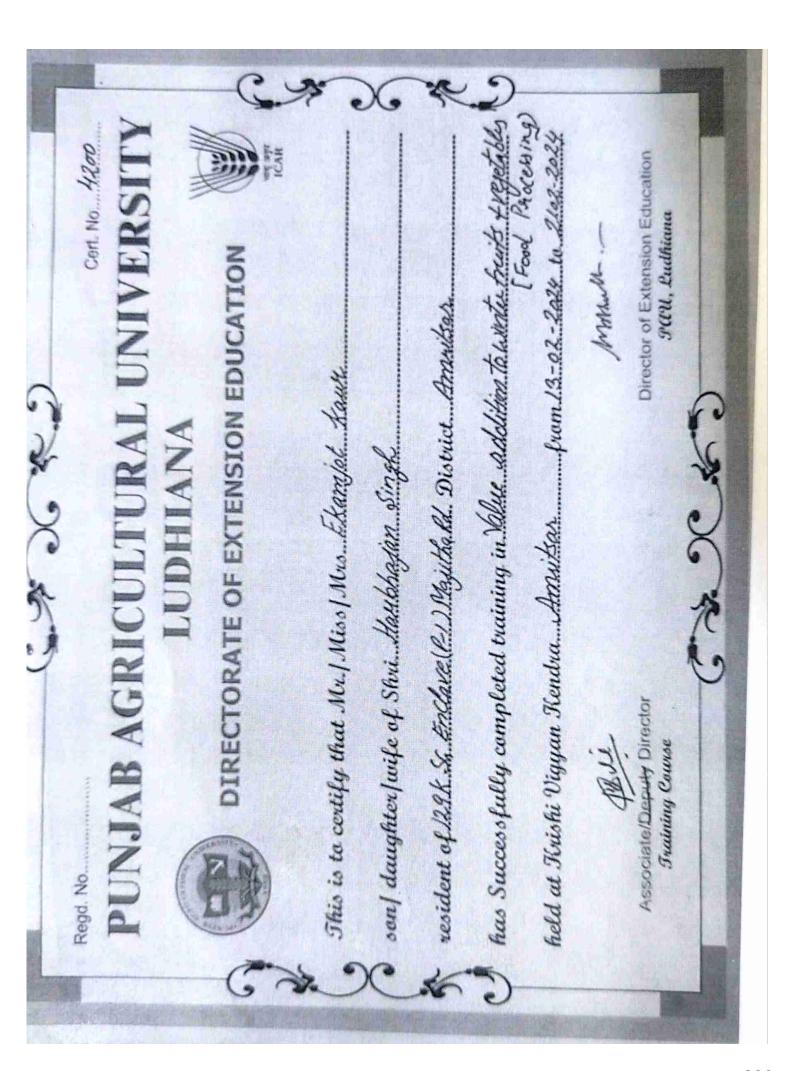
Nodal Officer STRY Punjab

Leament

D.E.S. (Entomology) FASC Amritsar

Place: Amritsar

Date: 2 March, 2024



# RAJINDER AGRI CLINIC

G.T. Road, Manawala, Amritsar, Punjab





# CERTIFICATE

ORGANIC FARMING

Training on

days Training Programme on Organic Farming and obtained Grade A++ Howlohajan Stryn Contified that Mrs / Miss Exampet Kours. Son/Daughter/Wife of Completed 7

has successfully

Held at Rajinder

- Po - 36 - 01-Agri Clinic, G.T. Road, Manawala, District Amritsar from 20-09-

Manor Pin

S. Manohar Singh

Place: Amritsar

Dr. Rallinder Singh Rajinder Agri Clinic



Govt. of Jammu & Kashmir

### OFFICE OF THE MUSHROOM DEVELOPMENT OFFICER DISTRICT BARAMULLA

No:-MDO/Bla/2023-24/221-22 Date: - 05/09/2023

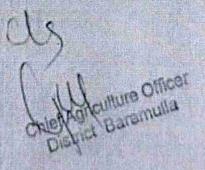
#### TO WHOM IT MAY CONCERN.

This is to certify that Miss Janmeet Kour D/o Mr. Surrinder Singh Roll No. 2023921 student of B.Sc. Agriculture (Hons), Semester-VII of Khalsa College of Engineering & Technology, Amritsar has completed her (03) days training in Mushroom Cultivation at Mushroom Development Office, Baramulla w.e.f. 28<sup>th</sup> to 30<sup>th</sup> August, 2023.

Mushroom Development Officer
Baramulla

#### Copy to the:-

- Chief Agriculture Officer, Baramulla for favour of information. This has reference to his No.CAOB/Dev/2023-24/5621-32 dated 01-08-2023.
- 2 Janmeet Kour. Student of B.Sc. Agriculture (Hons), Semester-VII, Khalsa College of Engineering & Technology, Amritsar.



sdaobla@gmail.com



Phone No. 01952-234517

Union Territory of Jammu & Kashmir Agriculture Production & Farmer's Welfare Department. Office of the Sub Divisional Agriculture Officer Baramulla.

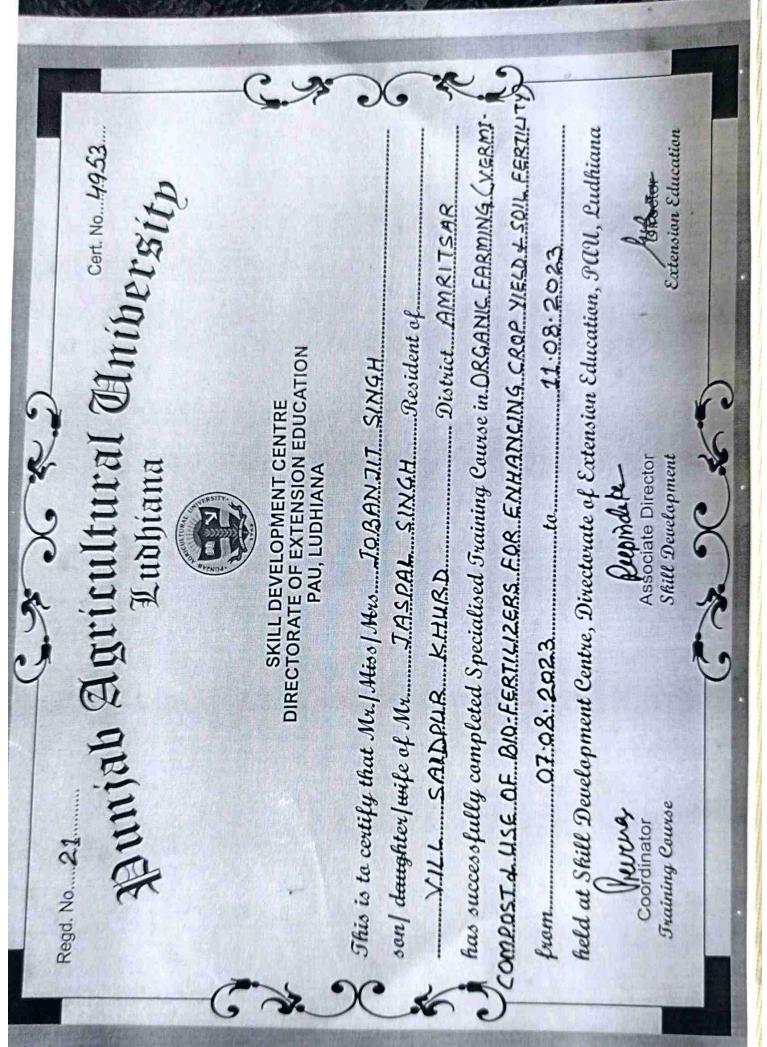
#### TO WHOM IT MAY CONCERN

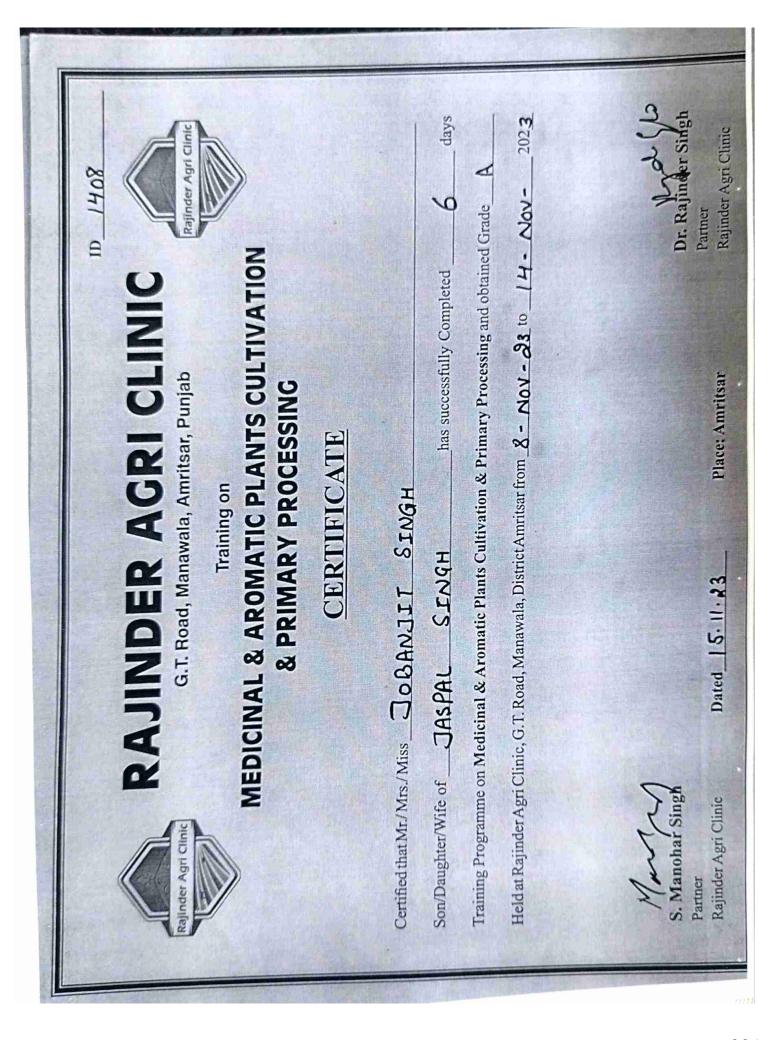
This is to certify that Miss Janmeet Kour D/O Surrinder Singh student of B.Sc. Agriculture (Hons.) semester VII, Roll No. 2023921 from Khalsa College of Engineering & Technology, Amritsar has completed her 2 weeks training in Hi-Tech Poly House and Organic Farming carried out by Agriculture Production & Farmer's Welfare Department, District Baramulla wef 07-12 Aug 2023 and 14-19 Aug 2023 respectively.

No.SDAO/Bla/Dev/2023-24/622 Dated:21-08-2023

Sub Divisional Agriculture officer

Baramulla





ID RAJINDER AGRI CLINIC

G.T. Road, Manawala, Amritsar, Punjab

Rajinder Agri Clinic

Training on

# HI TECH SEEDLING PRODUCTION

# CERTIFICATE

Certified that Mrs./ Miss JoBANJIT SINGH

JASPAL SENGH Son/Daughter/Wife of

has successfully

Held at

d

days Training Programme on Hi Tech Seeding Production and obtained Grade Completed

Rajinder Agri Clinic, G.T. Road, Manawala, District Amritsar from 1-Nov-23 to 6. Nov.

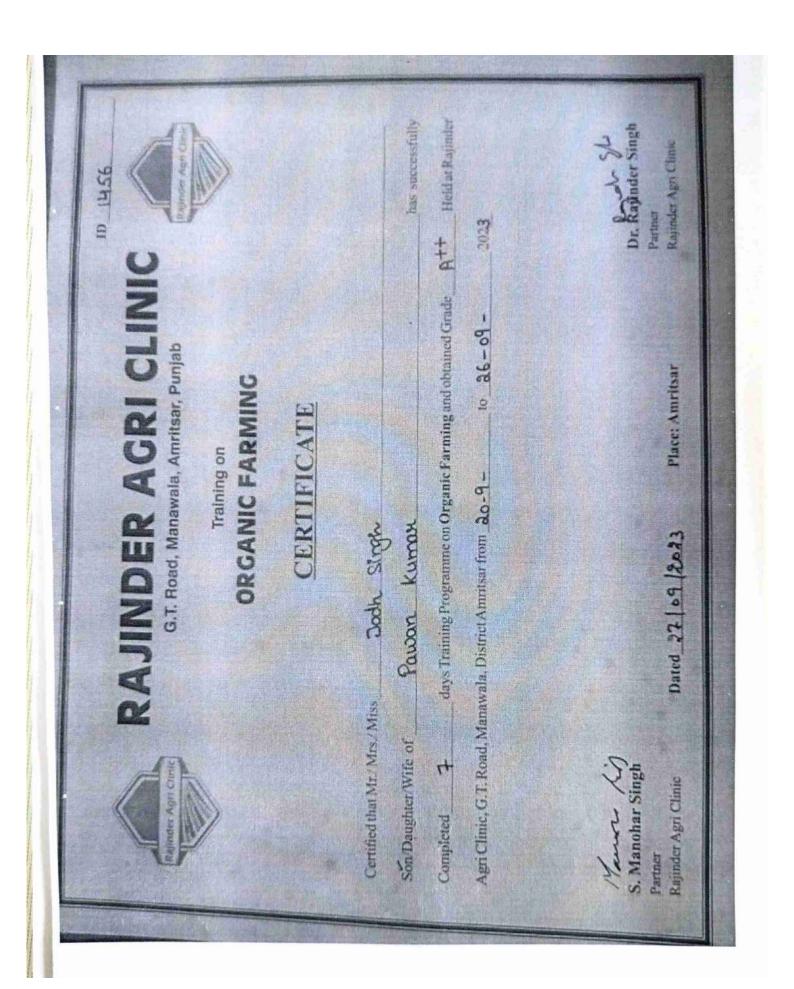
S. Manohar Singh Rajinder Agri Clinic

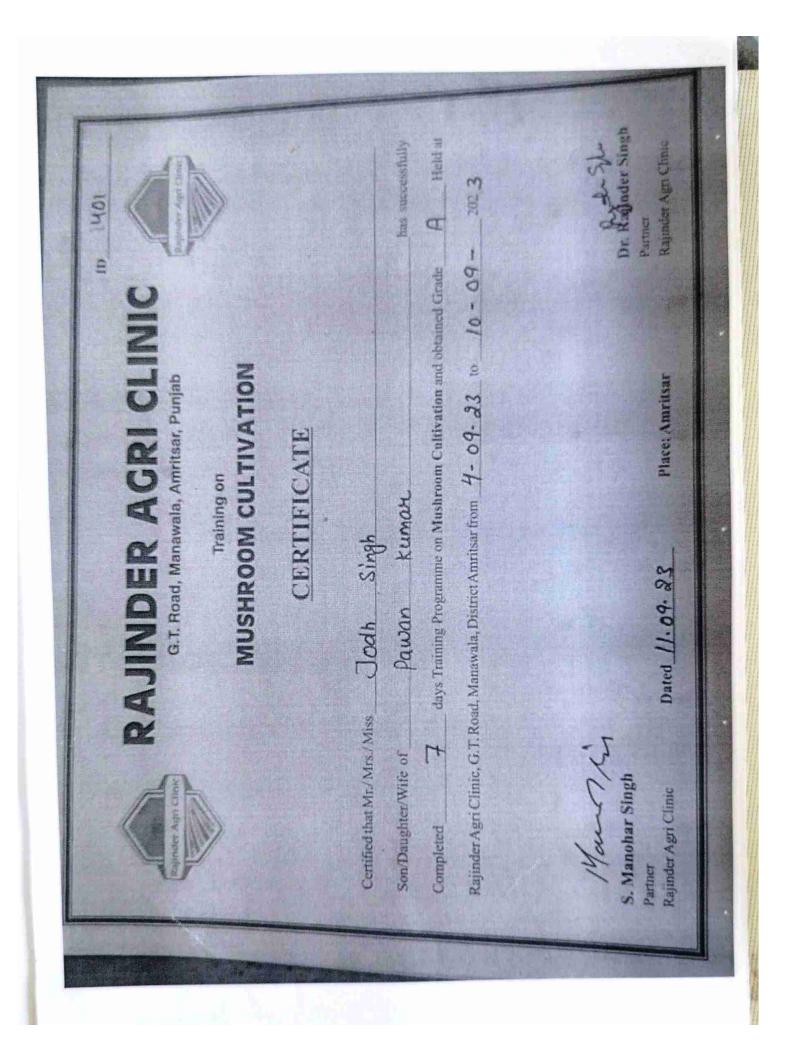
Dated 7. Nov. 23

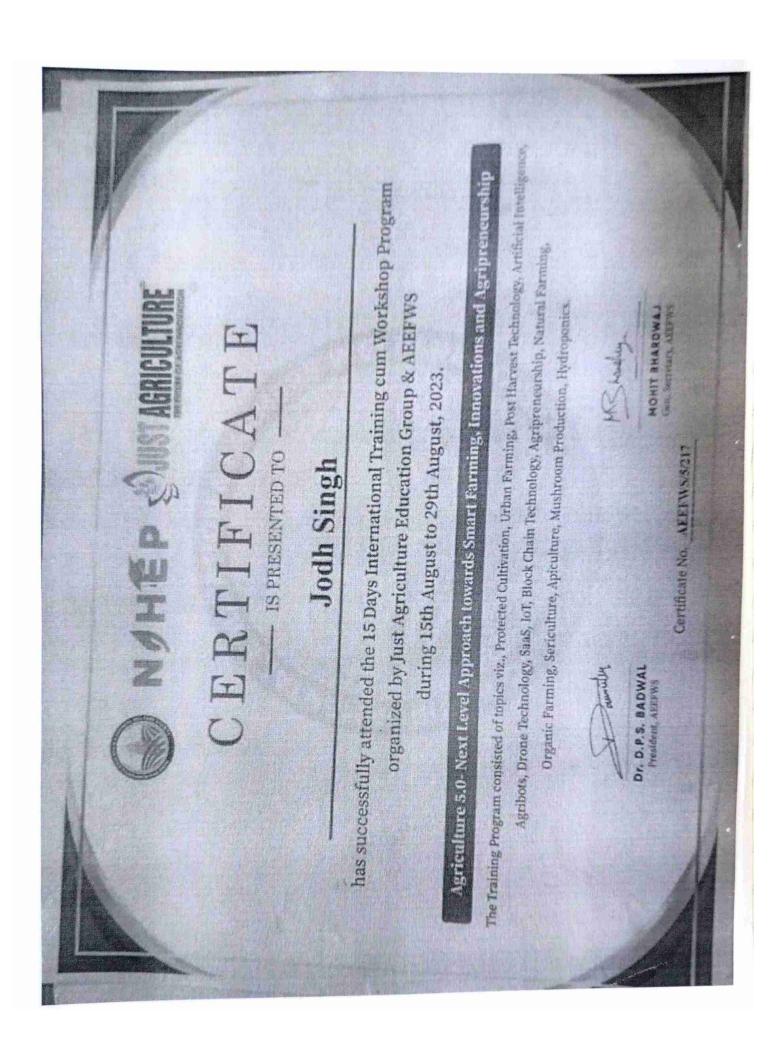
Place: Amritsar

Dr. Rajnder Singh

Rajinder Agri Clinic







Email. stlbaramulla@gmail.com

Phone No. 01952358868

Union Territory of Jammu & Kashmir
Agriculture Production & Farmers Welfare Department
Office of the Assistant Soil Chemist Soil Testing Laboratory
Baramulla

#### TO WHOM IT MAY CONCERN

This is to certify that Miss. Novedeep Kour D/o Mr. Balbir Singh student of B.sc Agriculture Hons of Khalsa Collage of Engineering and Technology Amritsar Punjab semester 7th has completed her one week Industrial Training in Soil Testing Laboratory Baramulla W.e.f 21st of August 2023.

Resource Person

Soil Testing Laboratory

Baramulla

Chief Applyture Officer
District Americals

Assistant Soil Chemistre Soil Assistant And Assistant Soil Assistant Soil Assistant Soil Chemistre Baramulla sdaobla@gmail.com



Phone No. 01952-214517

Union Territory of Jammu & Kashmir
Agriculture Production & Farmer's Welfare Department.
Office of the Sub Divisional Agriculture Officer
Baramulla.

#### TO WHOM IT MAY CONCERN

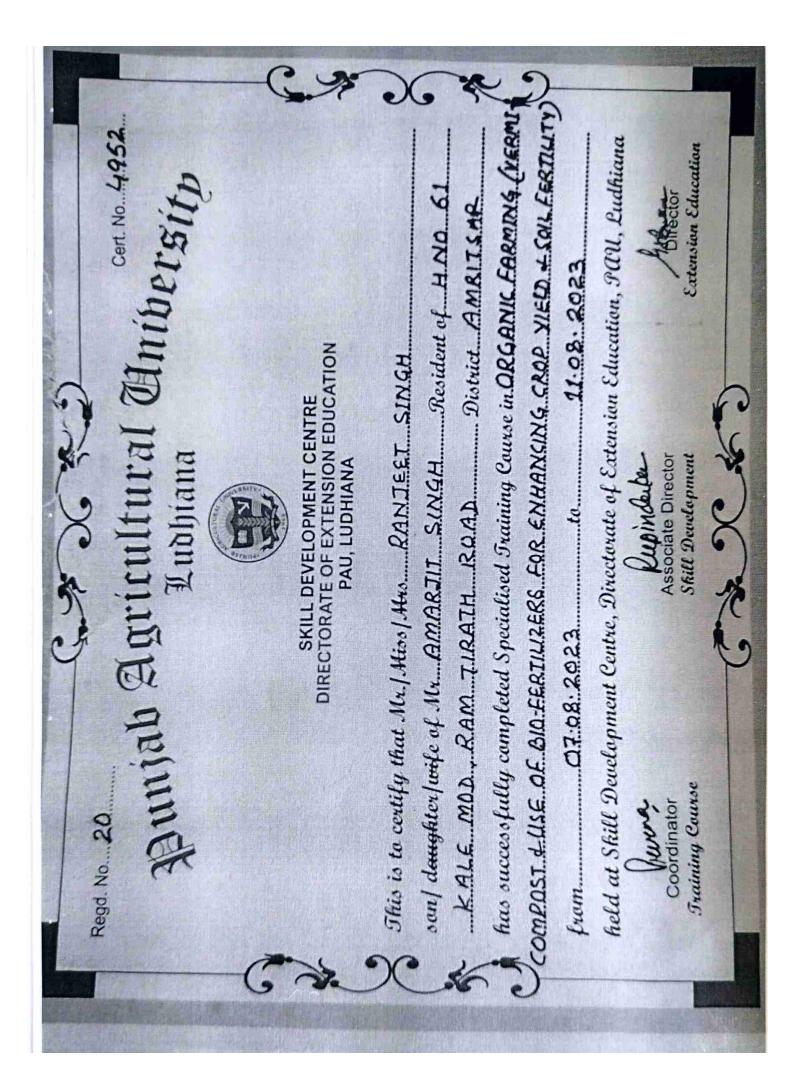
This is to certify that Miss Novedeep Kour D/O Balbir Singh student of B.Sc. Agriculture (Hons.) semester VII, Roll No. 2023927 from Khalsa College of Engineering & Technology, Amritsar has completed her 2 weeks training in Hi-Tech Poly House and Organic Farming carried out by Agriculture Production & Farmer's Welfare Department, District Baramulla wef 07-12 Aug 2023 and 14-19 Aug 2023 respectively.

No.SDAO/Bla/Dev/2023-24/621 Dated:21-08-2023

(Harvinder Pat Singh)

Sub Divisional Agriculture officer

Baramulla



#### ਦੀ ਅਜਨਾਲਾ ਸਹਿਕਾਰੀ ਖੰਡ ਮਿਲਜ਼ ਲਿਮ: ਭਲਾ ਪਿੰਡ, ਤਹਿਸੀਲ ਅਜਨਾਲਾ, ਜਿਲਾ ਅੰਮ੍ਰਿਤਸਰ - 143102 The Ajnala Co-operative Sugar Mills Ltd;

Bhalapind, Tehsil Ajnala, Distt. Amritsar - 143102

1858-505444 G.M.Office 1858-505454 (Exchange) I: ajnalacsm@gmail.com Ite: www.ajnalasugar.in I- 03AAAAT0924F1Z2 AAAAT 0924 F AAAAT 0924 FXM001 o. ACSM/ Gm/93/6989



ਵੇਨ : 01858-505444 ਜੀ.ਐਮ.ਐ ਫੋਨ : 01858-505454 (ਏਕਸਚੇਜ ਈ-ਮੇਲ : ajnalacsm@gmail.ਰ ਵੈਬਸਾਈਟ : www.ajnalasugai ਜੀਐਸਟੀ : 03AAAAT0924F12 ਪੈਨ : AAAAT 0924 F ਈਸੀਸੀ : AAAAT 0924 FXM0

#### TO WHOM IT MAY CONCERN.

This is to certify that Sh. Ranjeet Singh who is student of B.Sc. Agriculture Semester-VII Roll No.2023928 of Khalsa College of Engineering & Technology, Ranjit Avenue Amritsar has completed five daysb training in this mills from 14-09-2023. He has completed his training successfully.

We wish every success in his future career.

GENERAL MANAGER

days Rajinder Agri Clinic Held at Rajinder Agri Clinic, G.T. Road, Manawala, District Amritsar from 8 - Nov - 23 to 14 - Nov -Training Programme on Medicinal & Aromatic Plants Cultivation & Primary Processing and obtained Grade MEDICINAL & AROMATIC PLANTS CULTIVATION has successfully Completed RAJINDER AGRI CLINIC G.T. Road, Manawala, Amritsar, Punjab & PRIMARY PROCESSING Place: Amritsar CERTIFICATE Training on Certified that Mrs./ Miss SHABHA SINGH Son/Daughter/Wife of KARTAR SINGH Dated 15.11.23 Rajinder Agri Clinic ID 1402 RAJINDER AGRI CLINIC

G.T. Road, Manawala, Amritsar, Punjab





CERTIFICATE

HI TECH SEEDLING PRODUCTION

Training on

Certified that Mrs./Miss SHABHA SINGH

Son/Daughter/Wife of KARTAR SINGH

has successfully

Completed 6 days Training Programme on Hi Tech Seeding Production and obtained Grade A Heldat

Rajinder Agri Clinic, G.T. Road, Manawala, District Amritsar from 1 Nov-23 to 6 - Nov- 2023

Place: Amritsar

Dated 7. NAN . 23

S. Manohar Singh

Rajinder Agri Clinic

Dr. Raftider Singh Rajinder Agri Clinic

### ਪੰਜਾਬ ਐਗਰੋਂ ਇੰਡਸਟਰੀਜ਼ ਕਾਰਪੋਰੇਸ਼ਨ ਲਿਮਿਟਿਡ



PRIMARY PROCESSING CENTRE

(Training on Silage Project)

#### TO WHOM IT MAY CONCERN

Certified that Mr. Snehdeep Singh S/o Kuldip Singh resident of H.No. 16 New Green Field, Majitha Road, District Amritsar, Pin 143001 has successfully completed training on Silage production & Management, organized by Punjab Agro Industries Corporation Limited at Primary processing Centre, Verka, District Amritsar from 25.10.2023 to 05.11.2023.

For Regional Manager PAIC, Amritsar

2-A, Sector 28-A, Madhya Marg, Chandigarh- 160 002 (India) (\*) Office: +91 (172) 2656241, 42, -47 Fax: +91-172-2637572, 2657398 E-mail: mail@punjabagro.gov.in Website: www.punjabagro.gov.in

#### ਦੀ ਅਜਨਾਲਾ ਸਹਿਕਾਰੀ ਖੰਡ ਮਿਲਜ਼ ਲਿਮ:

ਭਲਾ ਪਿੰਡ, ਤਹਿਸੀਲ ਅਜਨਾਲਾ, ਜਿਲਾ ਅੰਮ੍ਰਿਤਸਰ - 143102

#### The Ajnala Co-operative Sugar Mills Ltd;

Bhalapind, Tehsil Ajnala, Distt. Amritsar - 143102

Ph.: 01858-505444 G.M.Office Ph.: 01858-505454 (Exchange) E-mail: ajnalacsm@gmail.com Website: www.ajnalasugar.in GSTIN- 03AAAAT0924F1Z2 PAN: AAAAT 0924 F

ECC : AAAAT 0924 FXM001

Ref. No. ACSM/ Gm/83/6573



ਵੇਨ : 01858-505444 ਜੀ.ਐਮ.ਆਫਿਸ ਫੋਨ : 01858-505454 (ਏਕਸਦੇਸ) ਈ-ਮੇਲ : ajnalacsm@gmail.com ਬੈਬਸਾਈਟ : www.ajnalasugar.in ਜੀਐਸਟੀ : 03AAAAT0924F1Z2 ਪੋਨ : AAAAT 0924 F

ਈਸੀਸੀ : AAAAT 0924 FXM001 Dated. 16 - 11 - 93

#### TO WHOM IT MAY CONCERN.

This is to certify that Sh. Snehdeep Singh who is student of B.Sc. Agriculture Semester-VII Roll No.2023931 of Khalsa College of Engineering & Technology, Ranjit Avenue Amritsar has completed One week training in this mills from 06-11-2023 to 13-11-2023. He has completed his training successfully.

We wish every success in his future career.

GENERAL MANAGER



## Khalsa College of Engineering & Technology 낙ਾਲਸਾ ਕਾਲਜ ਆਫ਼ ਇੰਜੀਨੀਅਰਿੰਗ ਐਂਡ ਟੈਕਨੋਲੋਜੀ (Approved by AICTE, New Delhi & Affiliated to IKG Punjab Technical University, Jalandhar(Govt. of Punjab)) Accredited by NAAC Grade "A"



Department: Agriculture

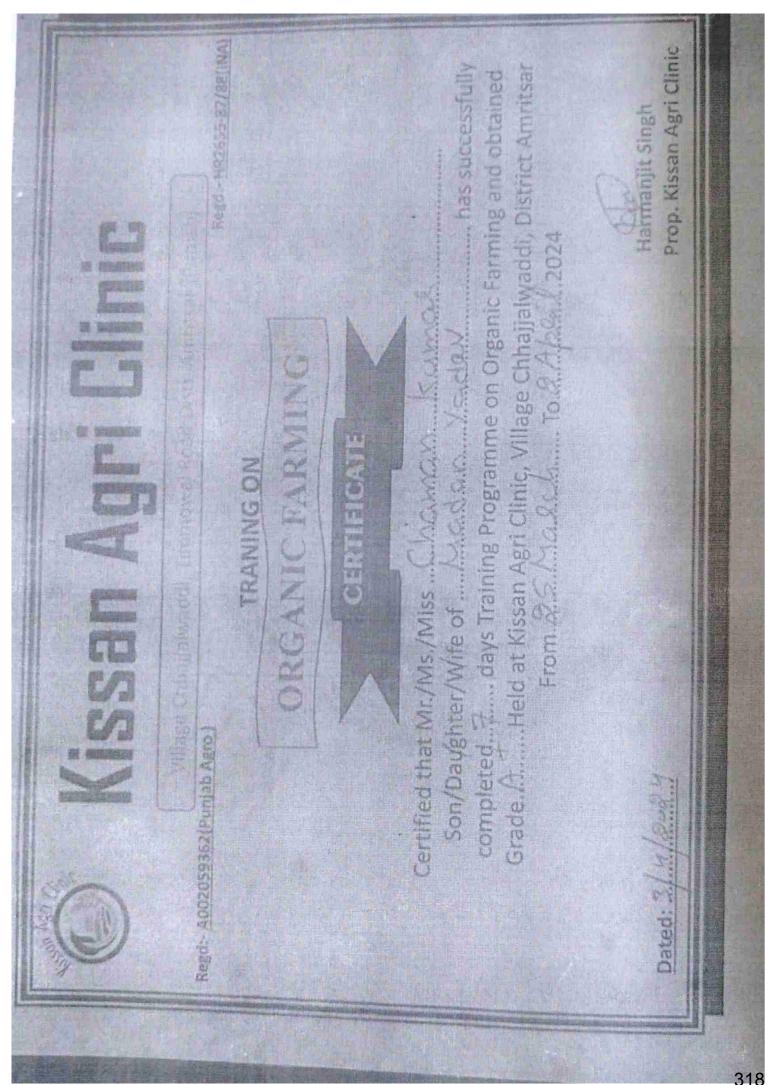
Course: B.Sc. (Agri) Semester: 8th

Name of Training Course: - Industrial Training Details

Batch: 2020-2024

S.No	Roll No	Name of Student	Name of Organization
1	2023916	Chaman Kumar	Seedling Production, Organic Farming
2	2023917	Ekamjot Kaur	Bee-keeping, Food processing
3	2023921	Janmeet Kour	Soil and Water conservation, Beekeeping
4	2023922	Jobanjit Singh	Marketing, Bee-keeping
5	2023923	Jodh Singh	Sugar Mill, Seedling Production
6	2023927	Novedeep Kaur	Soil and Water conservation, Beekeeping
7	2023928	Ranjeet Singh	Beekeeping, Food processing
8	2023930	Shabha Singh	Sugar Mill, Marketing
9	2023931	Snehdeep singh	Seedling Production, Organic Farming
10	2023932	Taranbir Singh	Beekeeping, Food processing

HOD, Agriculture



. Phone No 01952351081& Fax No 01952214317

Office of the Apiculture Development Officer District Baramulla Agriculture Production & Farmers Welfare Department Union Territory of Jammu & Kashmir



NO: ADOB/Dev/2023-24/ 3-28 Dated: 2-2-/03/2024 This is to certify that Miss Janmeet Kour D/O:Surrinder Singh student of B.Sc

Agriculture (Hons) Semester VIII, Roll No:2023921 from Khalsa College of

Engineering & Technology , Amritsar has completed her training in Apiculture

(Beekeeping) carried out by Apiculture Development Officer Baramulla w.e.f

12.03.2024 to 16.03.2024. Hence certificate is issued in her favor.

Resource Person Apiculture Development Assistant

Apiculture Development Officer
Baramulla
Baramulla

Lymmer Devlopment Officer

Phone No. 01952351081& Fax No. 01952234317

Office of the Assistant Soil Conservation Officer District Baramulla Agriculture Production & Farmers Welfare Department Union Territory of Jammu & Kashmir



NO: ASCOB/Dev/2023-24/ 592 Dated: 32 /03/2024 This is to certify that Miss Janmeet Kour D/O:Surrinder Singh student of B.Sc Agriculture (Hons) Semester VIII, Roll No:2023921 from Khalsa College of

Engineering & Technology , Amritsar has completed her training in Soil & Water

Conservation carried out by Assistant Soil Conservation Officer Baramulla w.e.f

18.03.2024 to 22.03.2024. Hence certificate is issued in her favor.

Resource Person Soil Conservation Assistant Baramulla

Assistant Soil Conservation Officer
Baramulla Officer
Assistant Soil Conservation Officer
Department of Agriculture

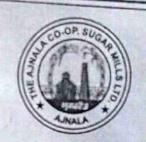
Distt. Beramulla

## ਦੀ ਅਜਨਾਲਾ ਸਹਿਕਾਰੀ ਖੰਡ ਮਿਲਜ਼ ਲਿਮ: The Ajnala Co-operative Sugar Mills Ltd; Bhalapind, Tehsil Ajnala, Distt. Amritsar - 143102

n.: 01858-505444 G.M.Office
h.: 01858-505454 (Exchange)

Jinalacsm@gmail.com
www.ajnalasugar.in
AAAAT0924F1Z2
AAT 0924 F
AAT 0924 FXM001

ACSM/ GM/24/7827



ਵੇਨ : 01858-505444 ਜੀ.ਐਮ.ਆਵਿਸ ਵੇਨ : 01858-505454 (ਏਕਸਚੇ'ਜ) ਈ-ਮੇਲ : ajnalacsm@gmail.com ਵੈਬਸਾਈਟ : www.ajnalasugar.in ਜੀਐਸਟੀ : 03AAAAT0924F1Z2 ਪੋਠ : AAAAT 0924 F ਈਸੀਸੀ : AAAAT 0924 F

현체체 : AAAAT 0924 FXM001 Dated. 영화 - 03 - 영역

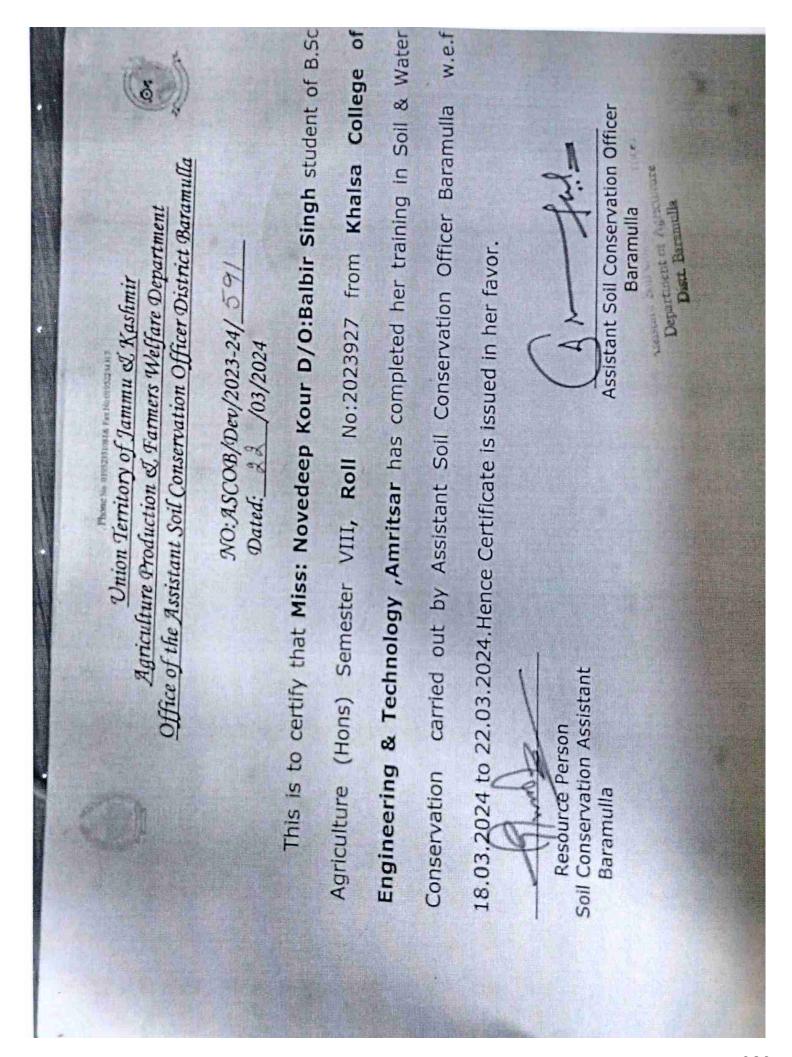
#### TO WHOM IT MAY CONCERN.

This is to certify that Sh. Jodh Singh who is student of B.Sc. Agriculture Semester-VIII Roll No.2023923 of Khalsa College of Engineering & Technology, Ranjit Avenue Amritsar has completed Four weeks training from 19-02-2024 to Four weeks. He has completed his training successfully.

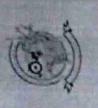
We wish every success in his future career.

GENERAL MANAGER

## Kissan Agri Clinic, VIII. Chhajjalwaddi, District Amritsar from. 25. ma. R.C.h..... To.. J. April. 2023 Son/Daughter/Wife of ..... Kaman Kaman has successfully completed .... days Regidinated Strate Hungs Agros Harmanjit Singelchnic Propor Kissan Kissan Agri Clinic prop. Read - HR2655-87/88[[NA] Traning Programme on Seedling Production and obtained Grade Held at Certified that Mr./Ms./Miss Jod.h. SING.h. VIII Chhajjalwaddi Zimrrowal Road, Districtor Sariften, SEDLING PRODUCTION CERTIFICATE TRANING ON LOV LESS!



Office of the Apiculture Development Officer District Baramulla Agriculture Production & Farmers Welfare Department Union Territory of Jammu & Kashmir



NO: ADOB/Dev/2023-24/ 329 Dated: 22-103/2024 This is to certify that Miss Novedeep Kour D/O:Balbir Singh student of B.Sc

Agriculture (Hons) Semester VIII, Roll No:2023927 from Khalsa College of

Engineering & Technology , Amritsar has completed her training in Apiculture

Officer Baramulla w.e.f (Beekeeping) carried out by Apiculture Development

12.03.2024 to 16.03.2024. Hence certificate is issued in her favor.

Resource Person Apiculture Development Assistant

Apiculture Development Officer
Baramulla
Baramulla
Apiculture Devlopment











Punjab Agricultural Management & Extension Training Institute (PAMETI), Ludhiana

In collaboration with

Farm Advisory Service Centre, Amritsar

# CERTIFICATE

has successfully completed

Training of Rural Youth (STRY) scheme, sponsored by Ministry of Agriculture and Farmers Welfare, Government of 6-days training programme entitled "Bee Keeping" from 26 February to 2 March, 2024 conducted under Skill This is to certify that Shri/ Smt. Renjeet Singe India, at FASC, Amritsar.

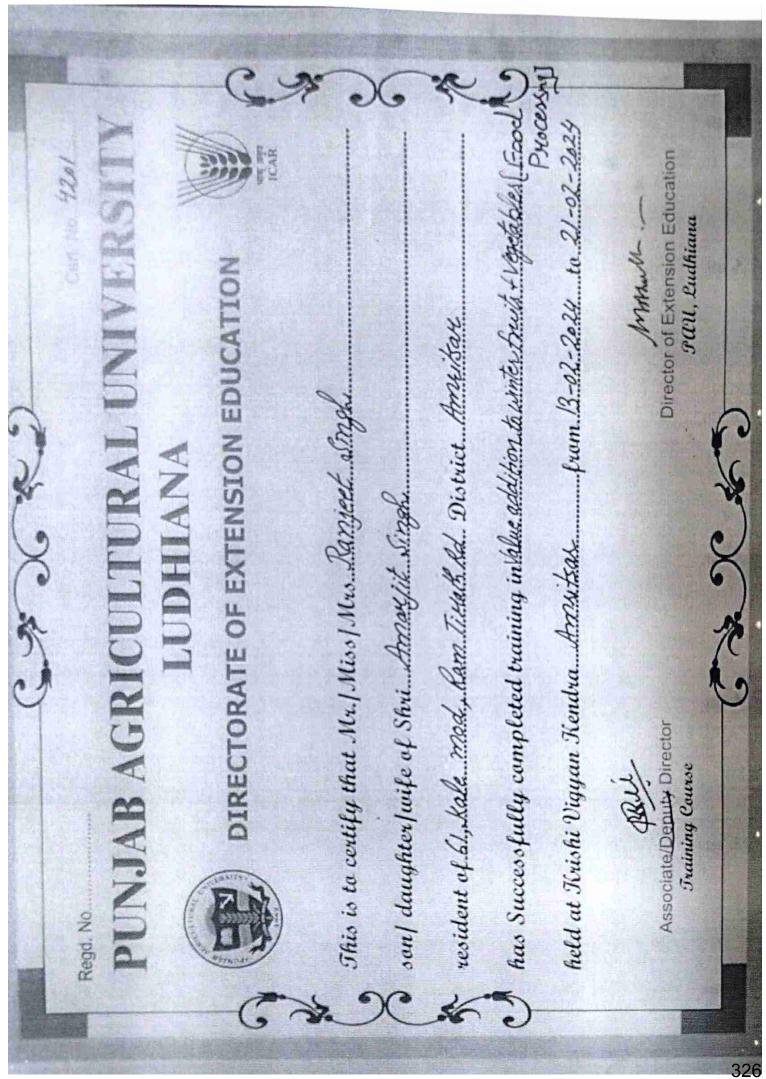
Janapaner

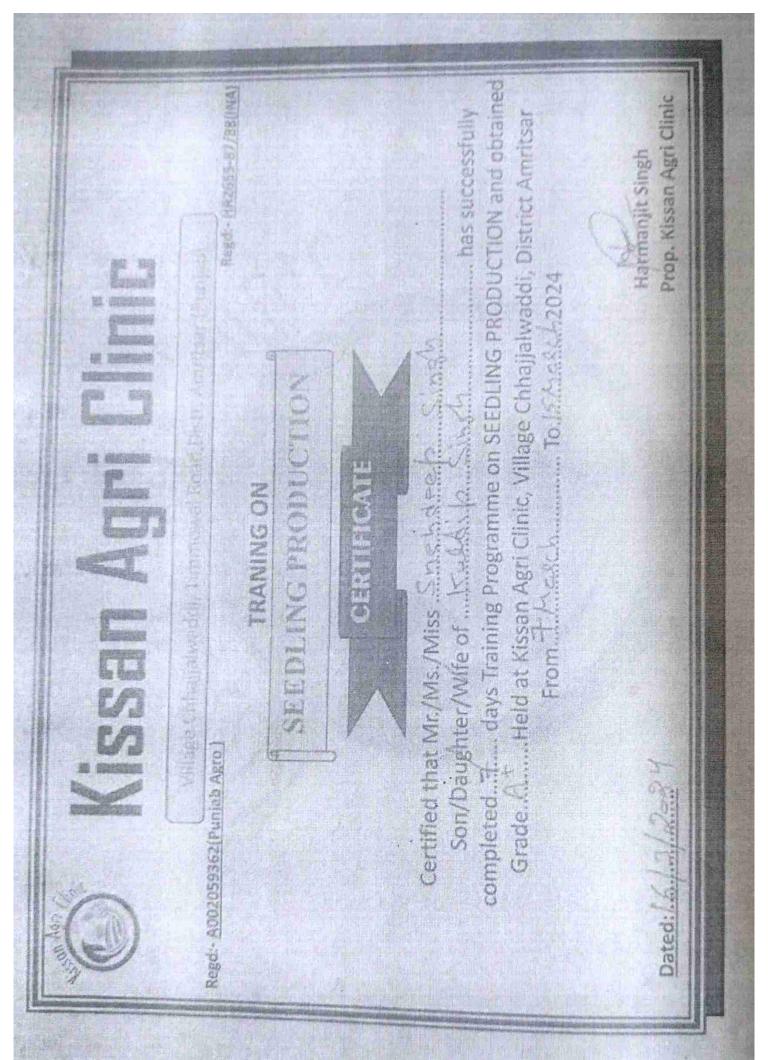
Director, PAMETI Ludhiana Date: 2 March, 2024

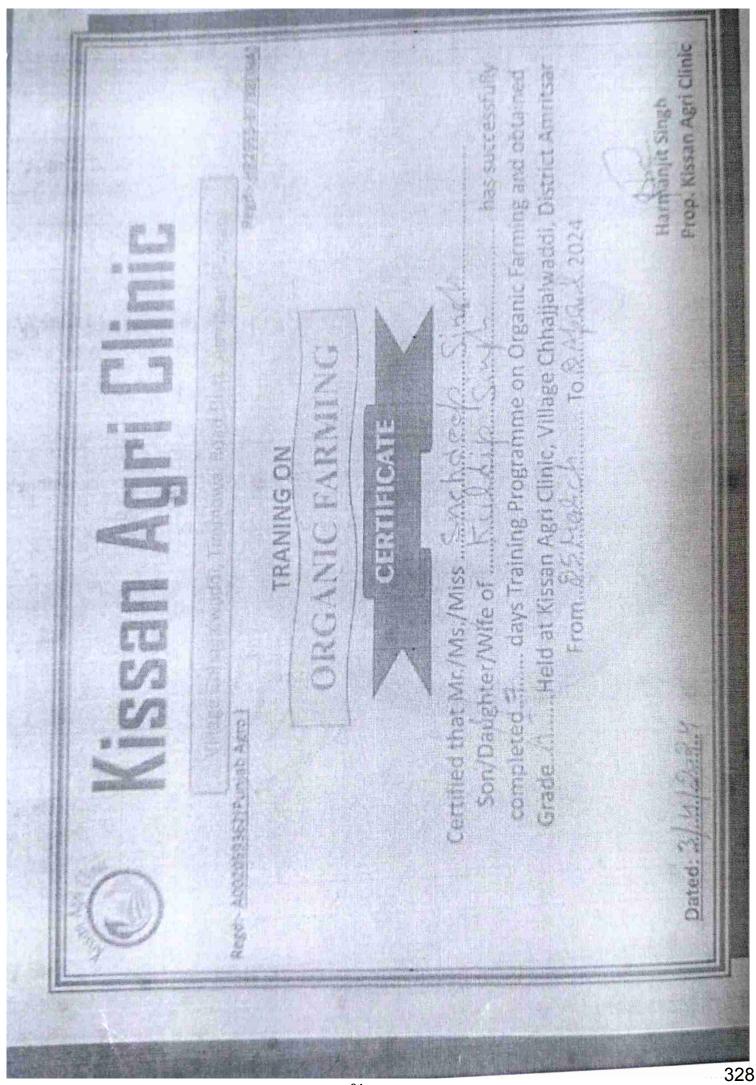
Nodal Officer STRY Punjab

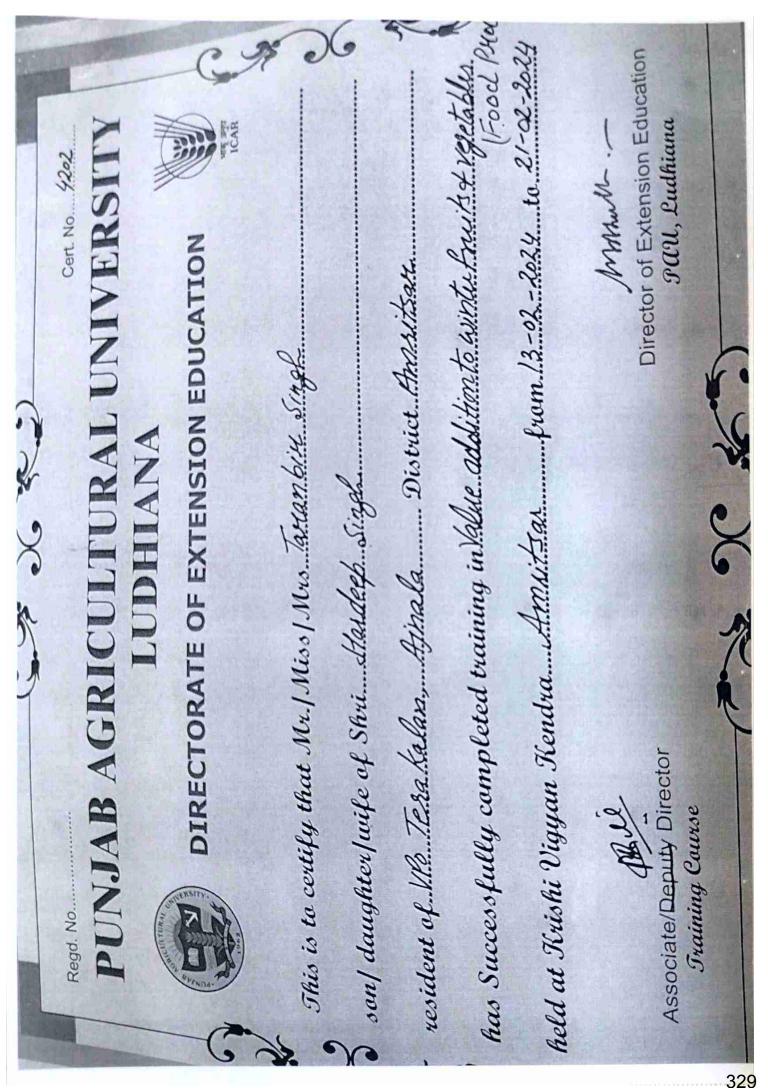
D.E.S. (Entomology) FASC Amritsar

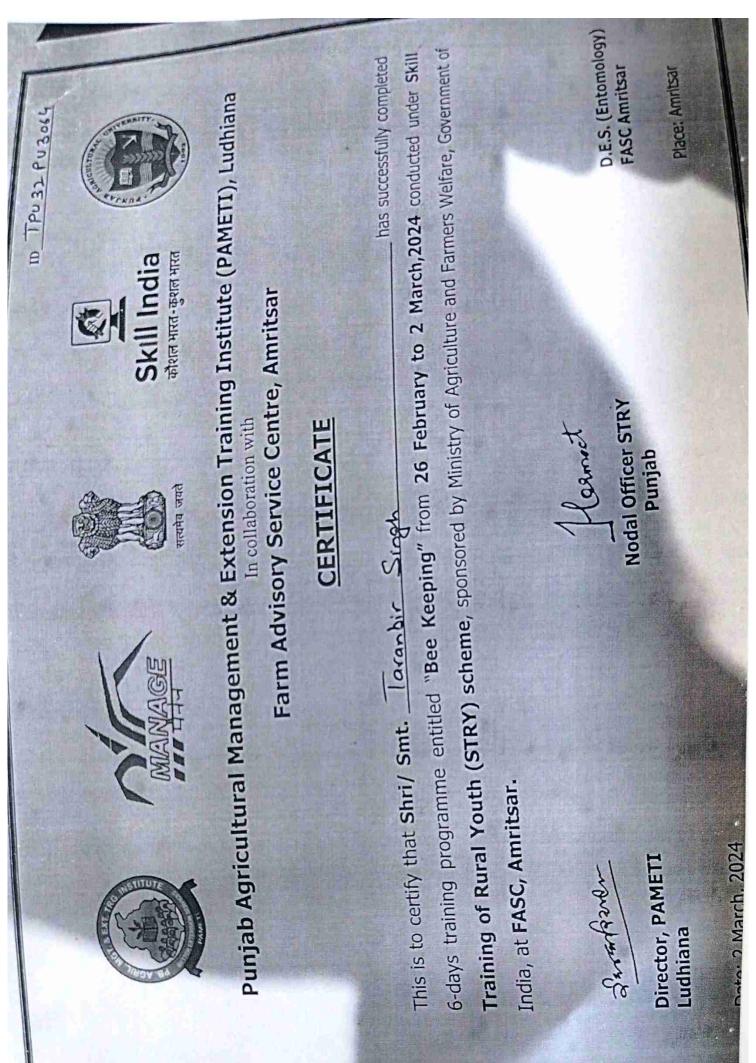
Place: Amritsar











				15
-	Khalsa College of	Engineering and Technology		
-	Department of	of Computer Applications		
		nal Summer Training		_
Sr.No.	]	BCA(Sem-V)		_
51.110.	Chiversity Roll No	Student Name	7.45	
2	1931539	Amandeep Singh	3 -21	š. 7,
2	1931540	Amritpal Singh		
3	1931542	Ashish Kumari		1.5
4	1931543	Harmanpreet Kaur		
5	1931544	Harpal Singh		$\neg$
6	1931545	Honey		0
7	1931546	Karanpal Singh		$\overline{}$
8	1931547			
9	1931549	Manpreet Singh		$\rightarrow$
10	1931553	Nisha		_
11		Shifali		$\Box$
	1931554	Simran	•3	
12	1931556	Vishal Singh		7

Head of Department (HOD)

Head of Department (HOD)

BCA

Khalsa College of Engineering

& Technology, Amritsar

	KHALSA COLLEG	E OF MANAGE		
	KHALSA COLLEG DEPARTM TIME TABLE FOR	ENT OF COMPUTER	ENT & TECHNOL APPLICATIONS	OGY
	TIME TABLE FOR	MOTITUTIONAL TRA	INING SEM-4 GULY	2021)
	09:00-9:55	Dates: 1" July-23rd J 9:55-10:50	uly	
MONDAY	WEB DESIGNING	BASICS OF SOFTWARE DEVELOPMENT AND REPORT WRITING	11:00-11:55  GOOGLE WORKSPACE (FORMERLY G SUITE)	11:55-12:50 SQL QUERIES
TUESDAY	BASICS OF SOFTWARE DEVELOPMENT AND REPORT WRITING	SQL QUERIES	GOOGLE WORKSPACE (FORMERLY G SUITE)	WEB DESIGNING
WEDNESDAY	GOOGLE WORKSPACE (FORMERLY G SUITE)	WEB DESIGNING	SQL QUERIES	BASICS OF SOFTWARE DEVELOPMENT AND REPORT WRITING
THURSDAY	BASICS OF SOFTWARE DEVELOPMENT AND REPORT WRITING	WEB DESIGNING	GOOGLE WORKSPACE (FORMERLY G SUITE)	SQL QUERIES
FRIDAY	WEB DESIGNING	BASICS OF SOFTWARE DEVELOPMENT AND REPORT WRITING	SQL QUERIES	GOOGLE WORKSPACE (FORMERLY G SUITE)

Course Name	Teacher Name
WEB DESIGNING	PARNEET KAUR
GOOGLE WORKSPACE (FORMERLY G SUITE)	SUKHMANJIT KAUR
SQL QUERIES	PARNEET KAUR
BASICS OF SOFTWARE DEVELOPMENT AND REPORT WRITING	SUKHMANJIT KAUR

419 400 400

Internal viva will be conducted by training coordinator on 26 July 2021 (10.00am-12.00pm).

Expert Talk will be conducted in second week of July.

TT Incharge

Dy.Dean Academics

Dean Administration

	KHALSA COLLEGE OF MANAGEMENT & TECHNOLOGY
	DEPARTMENT OF COMPUTER APPLICATIONS
	SYLLABI FOR INSTITUTIONAL TRAINING-Semester:4
S.No.	Course Tittle: WEB DESIGNING
1	Basic Concepts
1.1	An introduction to domain names, web servers, and website hosting
1.2	What is the function of server software / programs?
1.3	How does the web surfer find a website?
1.4	Registering your domain name
1.5	Why does registering a domain name cost money?
2	Building A Website
2.1	Introduction: What is a website?
2.2	Process of creating a web site.
2.3	HTML5 and CSS3
2.4	HTML5 Syntax, Attributes, events and Web forms
2.6	HTML5 SVG
2.7	HTML5 web storage, Web SQL Database, Web Socket HTML5 Canvas
2.8	HTML5 Canvas HTML5 Audio & video
2.9	HTML5 Addio & video
2.10	HTML5 Geolocation HTML5 web Messaging
2.11	Introduction to JAVA SCRIPT and its objects
2.12	Different ways to use javascript on web page
2.13	Create a registration form and validate using Javascript. One must validate email address, phone number, and al
2.13	mandatory fields in the form.
urse Out	
By the	end of this course student learn the about how to develop Websites using HTML and CSS tools.
	GOOGLE WORKSPACE (FORMERLY G SUITE)
1	Introduction to Google Workspace's and its elements
2	Introduction to Gmail
3	Working and Implication of Gmail in our Day-to-Day life
4	Introduction to Google Drive
5	Uploading and Downloading flies from Google Drive
6	Introduction to Google Forms
7	Making a Google form and collecting responses from your classmates
8	Introduction to Google Spreadsheets
9	Making a Google Spreadsheets and Editing information concurrently with your classmates
10	Introduction to Google Classroom
11	
12	Making a Google Classroom for your current semester
	Introduction to Google Calendar
13	Introduction to Google Meet
14	Making a Google Meet link and sharing with your classmates
rse Outco	
e end of	this course student learn the about Google tools in detail.
THE TANK	SQL QUERIES
	SQL Server Management Studio

Create the following	g Tables:								
LOC	ATION								
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123	DALLAS								
124	CHICAGO								
167	BOSTON								

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### Khalsa College of Engineering & Technology ਖ਼ਾਲਸਾ ਕਾਲਜ ਆਫ਼ ਇੰਜੀਨੀਅਰਿੰਗ ਐਂਡ ਟੈਕਨੋਲੋਜੀ (Approved by AICTE, New Delbi & Affiliated to IKG Punjab Technical University, Jalandhar(Govt. of Panjab)) Accredited by NAAC Grade "A"



DEPARTMENT OF BACHELORS OF COMPUTER APPLICATIONS SYLLABI FOR SUMMER INSTITUTIONAL TRAINING

No.	Course Title: PROGRAMMING IN JAVA
	Java Programming Fundamentals
1.	Introduction to Java, Stage for Java, Origin, Challenges of Java, Java Features, Java Beauty
1	Elements of Java Program, Java API, Variables and Literals, Scope of Variables & Blocks, Types of Comment in Java.
-1.	Primitive Data Types, The String class, Variables, Constants, Operators.
	Control Statements
2.1	Decision making statements (if, if-else, nested if, else if ladder, switch, conditional operator)
2.2	Looping statements (while, do-while, for, nested loops),
	Jumping statements (Break and Continue)
2.4	Introduction to Classes and Objects
	Introduction to Inheritance
2.6	Introduction to Arrays and Strings
	Interface and Packages
3,1	Basics of interface, Multiple Interfaces, Multiple Inheritance Using Interface, Multilevel Interfa
	Packages, Create and Access Packages, Static Import and Package Class, Access Specifiers
	Exception Handling
	Introduction, Try and Catch Blocks, Multiple Catch, Nested Try.
	Finally, Throw Statement, Built-In Exceptions.
5	Applets
	Introduction, Applet Class, Applet Life Cycle, Graphics in Applet, Event-Handling.
	Course Outcome
	By the end of this course student learn about basic Java concepts.
	MICROSOFT TOOLS
1	Power-point Power-point
2	Excel
3	MS Access
41	MS Word
k	ourse Outcome
	y the end of this course student learn the about Microsoft tools in detail.
-	Networking
1 7	ntroduction to Computer Networks
	letwork Cables
	Paddressing and Subnettting
4 C	SI Model
5 R	outer
L	AN, MAN& WAN
C	ourse Outcome
R	y the end of this course student learn about basic networking concepts.



## Khalsa College of Engineering & Technology ਸ਼ਾਲਸਾ ਕਾਲਜ ਆਫ਼ ਇੰਜੀਨੀਅਰਿੰਗ ਐਂਡ ਟੈਕਨੋਲੋਜੀ (Approved by AICTE, New Delhi & Affiliated to IKG Panjab Technical University, Jalandhar(Govt. of Panjab)) Accredited by NAAC Grade "A"



#### DEPARTMENT OF BACHELORS OF COMPUTER APPLICATIONS

	SYLLABI FOR SUMMER INSTITUTIONAL TRAINING
S.No.	
1	Write a program to perform following operations on the
	Write a program to perform following operations on two numbers input by the user: 1) Addition 2)
2	Write a Java program to print result of the Call of
	24 + -5*3 / 74. 15 + 18 / 3 * 2 - 9 % 3
3	Write a Java program to compute area of: 1) Circle2) rectangle 3) triangle 4) square
4	Transit Data Types, the Strip class Variables Constants Occasi
5	write a program to convert temperature from Eabrepheit to Colsius 4
6	white a program infough Java that reads a number in inches, converts it to material
7	write a program to convert minutes into a number of years and days
8	Write a Java program that prints current time in GMT.
9	Design a program in Java to solve quadratic equations using if, if else
10	Write a Java program to determine greatest number of three numbers.
11	Write program that gets a number from the user and generates an integer between 1 and 7
12	subsequently should display the name of the weekday as per that number.
	Construct a Java program to find the number of days in a month.
13	Write a program to sum values of an Single Dimensional array.
	Design & execute a program in Java to sort a numeric array and a string array.
15	Calculate the average value of array elements through Java Program.
16	Find the index of an array element by writing a program in Java.
17	Write a Java program to remove a specific element from an array.
18	Design a program to copy an array by iterating the array.
19	Write a Java program to insert an element (on a specific position) into Multidimensional array
20	Write a program to perform following operations on strings: 1) Compare two strings. 2) Count
	string length. 3) Convert upper case to lower case & vice versa. 4) Concatenate two strings. 5) Print
	a substring.
21	Developed Program & design a method to find the smallest number among three numbers.
22	Compute the average of three numbers through a Java Program.
3	Write a Java program to handle following exceptions: Divide by Zero Exception
4	Construct a program to design a package in Java.
	Course Outcome
	By the end of this course student learn about implementation of Java concepts.

TRAINING COORDINATOR

DIRECTOR

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#### Report on Summer Institutional Training

The Summer Institutional Training was conducted from 26th June, 2023 to 21st July, 2023 at Khalsa College of Engineering and Technology, Amritsar for BCA 5th Sem Students. This Training program is a part of their curriculum and students have to appear in is after their 4th Sem Exams. The program nimed to provide students with practical exposure to real-world scenarios in their respective fields of study and enhance their knowledge and skill sets.

Training Objectives: The primary objectives of the training were as follows:

- Give practical knowledge and hands-on experience in Java, Networking and Microsoft Tools.
- Learn about the latest industry trends and best practices in the field.
- · Enhance communication, teamwork, and problem-solving skills.
- Apply theoretical knowledge to real-world projects.

To Provide Industrial Experience to the students an Industrial visit was organized at Verka Milk Plant on 14th July, 2023 Students were interacted with professionals in the industry and learn from their experiences. Industrial Expert had given presentation to understand the organizational structure and processes of the site. A Working on live projects under the guidance of mentors has been demonstrated to the students.

The training provided with valuable skills that will be beneficial for students in their academic and professional journey. Some of the key skills acquired include:

- · Proficiency in Java, Networking and Microsoft Tools.
- · Improved communication and presentation skills.
- Enhanced teamwork and collaboration abilities.
- Problem-solving and critical thinking capabilities.

Throughout the training program, Students were actively participated in various projects and activities, contributing to the successful completion of their Institutional Training. The Summer Institutional Training has been a transformative experience for the students. It has not only enriched their knowledge but also instilled a sense of confidence in tackling real-world challenges.

Manuel Kaur

The HOD,

Department of BCA,

KCET Amritsar

Subject: Regarding Industrial visit during Summer Institutional Training after 4th semester students of BCA to Verka Milk Plant, Amritsar.

Madam,

This is to bring to your kind notice that we students of BCA department are interested to visit Verka Milk Plant, Amritsar. on July 14, 2023 at 10:00 AM. Therefore, you are requested to allow us for the same.

Yours sincerely,

#### Students of BCA Department

A. A.

S. No.	Name of Student	Roll No	Semester	Signature
1	AAMISH ANAND	210 5342	工物	Amish J
2	Aditi	2105343		Many Norm
3	ISHA SHARMA	2105347	Ith	Apollonia.
4	MAANIK BADHWAR	2105348	In	Heinh Zadboch
5	ROSEDEEP KAUR	2105350	工	Roseoley tour
6	SAAKSHAT	2105351	I'm	Sachelat
7	SACHIN	2105352	-th	Sachin Komali
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9	SURAJ VISHAL	210535	TAIN	vished
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	Name: Agnish Amand
	University Roll No. 2105342
	Semester /Branch/ RCA
	Lab Name/ Lab Code: Java
	Bonafide Record of the work done in the laboratory during the period,
	to
HOD Date:	Faculty Incharge
province of re-	
Submitted for	the Practical Examination held at KHALSA COLLEGE OF ENGINEERING AND TECHNOLOGY, AMRITSAR on
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	Signat <del>ure of External Examiner</del> College/Univ. ID

S.No. Name of Experiment	Da Expe	nte of eriment formed	Date of Submission	Marks	Remark
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16.	was to long away	17/7/23			16
19.	wal to insert element	17/7/23			180
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	University Roll	No2.10.53	4.8	
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	University Roll No. 210.5350
	Semester /Branch BCA
	Lab Name/ Lab Code: 19109 in Java
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Submitted for	the Practical Examination held at KHALSA COLLEGE OF ENGINEERING AND
	TECHNOLOGY, AMRITSAR on
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	Signature of External Examiner
	College/Univ. ID

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### KHALSA COLLEGE OF ENGINEERING AND TECHNOLOGY, (Approved By AICTE ): AMRITSAR- 143001

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January 16, 2024

#### TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ananya, student of Khalsa College of Engineering & Technology, Amritsar has completed her Industrial Training in All Major Department at Courtyard by Marriott, Amritsar from July 21, 2023 to January 16, 2024.

During this tenure with us, we found her to be hardworking and productive. She has shown a positive attitude towards her training objective.

We wish her a bright and successful future endeavors.

For Courtyard by Marriott, Amritsar.

Bharat Gauray AMRITS"

Human Resources Manager



Holiday Inn Amritsar Ranjit Avenue District Shaping Complex, Ranjit Avenue Amritsar – 143001, Punjab, India T: – 91 (0) 183 50 88 888 F: + 91 124 455 1212 CRO No. + 91 124 455 1212 www.holidayinn.com

Date: 4th December, 2023

#### TO WHOM IT MAY CONCERN

This is to certify that Mr. Bhaskar Kumar S/O Hari Kishor Pandit who is a student of

Khalsa College of Engineering & Technology, Amritsar has undergone his industrial training from 28<sup>th</sup> July, 2023 to 20<sup>th</sup> November, 2023 in four major departments.

During his internship, we found Bhaskar to be sincere, and hardworking.

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

For Holiday Inn Amritsar Ranjit Avenue (Aung of Leanth And Hotels Pvt. Ltd.)

Shivark Shandilya Human Resources Manager



Holiday Inn Amritsar Ranjit Avenue

District Shopping Complex, Ranjit Avenue Amritsar - 143001, Punjab, India T: +91 (0) 183 50 88 888 F: +91 (0) 183 50 88 899 CRO No. +91 124 455 1212

www.holidayinn.com

11th January ,2024

#### TO WHOMSOEVER IT MAY CONCERN

This is to certify that Rakhi Kumari D/O Arvind Singh who is student of Khalsa College of Engineering and Technology, Amritsar has undergone her Industrial training from 15<sup>th</sup> July, 2023 to 11<sup>th</sup> January, 2024 in Food and Beverage Service, Food Production, Housekeeping and Human Resource Department.

During her internship, we found Rakhi to be sincere & hardworking.

We wish her all the very best for her future endeavors.

For, Holiday Ind America Ranjit Avenue

Swark Shandi

**Human Resources Manager** 



Holiday Inn Amritsar Ranjit Avenue

District Shopping Complex, Ranjit Avenue Amritsar - 143001, Punjab, India T: +91 (0) 183 50 88 888 F: +91 (0) 183 50 88 899

CRO No +91 124 455 1212 www.holidayinn.com

15th January ,2024

#### TO WHOMSOEVER IT MAY CONCERN

This is to certify that Jyoti Kumari D/O Ram Prabodh Sah who is student of Khalsa College of Engineering and Technology, Amritsar has undergone her Industrial training from 15<sup>th</sup> July, 2023 to 15<sup>th</sup> January, 2024 in Food and Beverage Service, Food Production, Housekeeping and Sales & Marketing Department.

During her internship, we found Jyoti to be sincere & hardworking.

We wish her all the very best for her future endeavors.

Author of the

Shivark Shandilya

Human Resources Manager



January 16, 2024

#### TO WHOMSOEVER IT MAY CONCERN

This is to certify that Harmanpreet Kaur, student of Khalsa College of Engineering & Technology, Amritsar has completed her Industrial Training in All Major Department at Courtyard by Marriott, Amritsar from July 21, 2023 to January 16, 2024.

During this tenure with us, we found her to be hardworking and productive. She has shown a positive attitude towards her training objective.

We wish her a bright and successful future endeavors.

For Courtyard by Marriott, Amritsar.

Bharat Gaurav

**Human Resources Manager** 

Courtyard by Marriott Amritsar

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Punjab, India

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Amritsar - 143001, Punjab, India
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F: -91 (0) 183 50 88 899
CRO No. -91 124 455 1212

19th January ,2024

### TO WHOMSOEVER IT MAY CONCERN

This is to certify that Anup Kumar S/O Parhlad Sharma who is student of Khalsa College of Engineering and Technology, Amritsar has undergone his Industrial training from 19<sup>th</sup> July, 2023 to 19<sup>th</sup> January, 2024 in four major Departments.

During his internship, we found Anup to be sincere & hardworking.

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

Shivark Shares Shares

Human Resources Manager



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04th December ,2023

#### TO WHOMSOEVER IT MAY CONCERN

This is to certify that Priye Ranjan S/O Vinod Bhagat who is student of Khalsa College of Engineering & Technology, Amritsar has undergone his Industrial training from 28<sup>th</sup> July ,2023 to 20<sup>th</sup> November ,2023 in Four major departments.

During his internship, we found Prive to be sincere & hardworking.

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

Amritsar Ranjit Avenue

Shinaliya

**Human Resources Manager** 



Holiday Inn Amritsar Ranjit Avenue District Shopping Complex, Ranjit Avenue Amritsar - 143001, Punjab, India T: +91 (0) 183 50 88 888 F: +91 (0) 183 50 88 899 CRO No. +91 124 455 1212 www.holidayinn.com

29th January ,2024

#### TO WHOMISOEVER IT MAY CONCERN

This is to certify that Dipu Kumar S/O Vidyasagar Paswan who is student of Khalsa College of Engineering and Technology, Amritsar has undergone his Industrial training from 28<sup>th</sup> July, 2023 to 28<sup>th</sup> January, 2024 in four major Departments.

During his internship, we found Dipu to be sincere & hardworking.

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

For, Holiday Inn Amritsar Ranjit Avenue

Shivark Shandilya

**Human Resources Manager** 



#### To Whom It May Concern

This is to certify that Mr. Tushar Kapoor of Khalsa College of Engineering & Technology, Amritsar has done his Internship Programme from 15th September 2022 to 10th January 2023 in Housekeeping, Culinary & Front Office department at Hyatt Regency Amritsar.

During the training his performance was found to be "Good".

We wish him all the very best in his future endeavour.

For IHHR Hospitality Pvt. Ltd

Srishti Kapoor



## To Whom It May Concern

This is to certify that Mr. Robin Singh of Khalsa College of Engineering & Technology, Amritsar has done his Internship Programme from 15th September 2022 to 10th January 2023 in Housekeeping, Culinary & Front Office department at Hyatt Regency Amritsar.

During the training his performance was found to be "Good".

We wish him all the very best in his future endeavour.

For IHHR Hospitality Pvt. Ltd

Srishti Kapoor



## To Whom It May Concern

This is to certify that Mr. Jaskaran deep Singh of Khalsa College of Engineering & Technology, Amritsar has done his Internship Programme from 15th September 2022 to 10th January 2023 in Housekeeping, Culinary, F&B Service & Front Office department at Hyatt Regency Amritsar.

During the training his performance was found to be "Good".

We wish him all the very best in his future endeavour.

For IHHR Hospitality Pvt. Ltd

Sřishti Kapoor



### To Whom It May Concern

This is to certify that Mr. Aman deep Singh of Khalsa College of Engineering & Technology, Amritsar has done his Internship Programme from 15th September 2022 to 10th January 2023 in Housekeeping, Culinary, F&B Service & Front Office department at Hyatt Regency Amritsar.

During the training his performance was found to be "Good".

We wish him all the very best in his future endeavour.

For IHHR Hospitality Pvt. Ltd

Srishti Kapoor

**Projects** 

	Khalsa	College Of Engineering &	Too & Engineering	
	De	partment : Computer Scie	ence & Eligineering	21-2025
	PROJECT AL	Project Title		
S. No	Roll No.	Name of Student	Tech - Era website	Dr. Anuradha
1	2105405	Riya	lech - Ela website	Vashishtha
1.	2105373	Anupreet	NLP With LSTM	Er. Loveleen
2.	2105394	Mahesh		Kaur
3.	2105392	Keshav	Mobile Control Crawler	Er. Sukhmeet kaur  Er. Sarbjot Kaur  Er. Paramjeet Kaur
4.	2105393	Kuber		
5.	2105380	Gursimran		
6.	2205044	Adesh	Android app with	
7.	2205048	Priyesh	Kotlin	
8.	2205045	Prabhnoor		
9.	2105412	Tanpreet	Steganography using Python	
10.	2105383	Harwinder		
11.	2105401	Prakash	Hotel Management with Full Stack Development	Er. Puneet chhina
12.	2105403	Rishikesh		
13.	2105389	Jatin		
14.	2105400	Prabhmeet		
15.	2105376	Gurchetan	Jarvis (Voice Assistant)	Dr. Jasleen Kaur
16.	2105382	Harsh		
17.	2105411	Suneha	,	Dr. Jasleen Kaur
18.	2105375	Bharti		
19.	2105413	Twinkle		
20.	2105402	Rajan		
21.	2105390	Jhanvi	Disease detection	D= A===== 11
22.	2105409	Sonali	Disease detection	Dr. Anuradha Vashishtha
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25.	2105407	Siya	management	Er. Harpreet
26.	2105378	Gurpreet	Saloon management using php	Singh Er. Harpreet Singh Dr. Supreet Kaur
27.	2105372	Anmolpreet		
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Dr. Anura Vashishtha

HOD (CSEX/2) Dr. Jasleen Kaur

Deptt. of Computer Science & Engg. Khalsa Colling and Engg. & Technolo 367

Amritad

# PROJECT ON HOTEL BOOKING **SYSTEM**



### **SUBMITTED BY:**

NAME	ID
Prakash Kumar	2105401
Prabhmeet Singh	2105400
Jatin Vig	2105389
Rishikesh Kumar Yadav	2105403

Purred china **SUPERVISED BY:** 

Puneet Chhina

**Professor** 

**Btech CSE** 

of Computer Science & Engg. college of Engg. & Technology

# TITLE OF THE PROJECT

## ONLINE HOTEL BOOKING SYSTEM

## **ABSTRACT**

The Project HOTEL MANAGEMENT SYSTEM is a web based application that allows the hotel manager to handle all hotel activities online. Interactive GUI and the ability to manage various hotel bookings and rooms make this system very flexible and convenient. The hotel manager is a very busy person and does not have the time to sit and manage the entire activities manually on paper. This application gives him the power and flexibility to manage the entire system from a single online system. Hotel Management project provides room booking, staff management and other necessary hotel management features. The system allows the manager to post available rooms in the system. Customers can view and book room online. Admin has the power of either approving or disapproving the customer's booking request. Other hotel services can also be viewed by the customers and can book them too. The system is hence useful for both customers and managers to portably manage the hotel activities.

## INTRODUCTION

Hotel Management System is a system that provides us to reserving rooms, checking whether the rooms are vacant are or not etc by using online browsing. This system is very useful to all especially for business people. For Business people they don't have sufficient time for these then they can use these type of online Hotel Management Systems. This Project is based on Javascript. If any one wants to book the room for few day's then they can specify the specific number by seeing the types of rooms we have. The bill of this online booking is based on the type of room they can select is displayed. HOTEL MANAGEMENT SYSTEM is a hotel reservation site script where site users will be able to search rooms availability with an online booking reservations system. Site users can also browse hotels, view room inventory, check availability, and book reservations in real-time. Site users enter check in date and check out date then search for availability and rates. After choosing the right room in the wanted hotel – all booking and reservation process is done on the site and an SMS is sent to confirm the booking.

## LITERATURE REVIEW

Managing hotel service is very complex, hence it involves job of dealing with customers directly, purchases made by customers and room reservation. The manual hotel management is subdivided into section with each section having specific tasks. These tasks will however from time to time interact operationally to achieve organizational objectives. The mode of interaction consists of all characteristics of atypical manual system i.e. communication through verb a lmeans, documents etc. This now leads to computerization of hotel management. The proposed intelligent hotel management (IHM) system is free from a significant number of hotel staffs that provides those facilities and fewer formalities. In mal-populated countries dearth of manpower is increasing gradually. Therefore, they have to import manpower from other countries. In this condition the IHM can be a permanent solution. Moreover, it possesses adequate security . This system provides hi-tech room facilities including auto controlled door, automatic light controlling, voice active devices etc. Apart from these, it prevents the waste of electric power as well as excessive water that are the main ideas used in this paper. A short version of this approach is inAdditionally, we have integrated a new image processing approach which accurately ensures the presence and darkness of the room to be occupied. The co-ordination of these activities is quite cumbersome. For instance, the receptionist has a lot of enquiries to make, and as such, a lot of paper works to do. Some facts may exist in several

documents in many forms, so that information retrieved is dependent on the document referred to, some details of the receptionists transactions with customers have to be forwarded to other directions, for example, details of the number of days of reservation booked by a customer has to be forwarded to account section for billing. The dinning section also keeps the record of customers expenditures and communicate them to the account section, for billing also for example during the lodging of the customer, all his expenses are recorded so that at the same time of exit, the document will be forwarded to the account section for processing. The dinning section also interacts with purchasing section by notifying them of their stock needs etc. The purchase section is responsible for the general stock control activities. They purchase all the goods needed by the hotel and they rely mostly on the information from other sections to determine facts. With all these, there is need for hotel management needs to be computerized.

#### **MOTIVATION**

The motivation behind creating a **hotel management project** stems from recognizing the limitations and drawbacks associated with manual hotel management systems. These traditional systems involve time-consuming, data inconsistency, and the potential for errors in billing and customer information management. To address these challenges, developing a digital solution becomes essential.

Here are some key reasons why creating a hotel management project is beneficial:

- Efficiency and Automation: A well-designed hotel management system streamlines various tasks, such as room reservations, guest check-ins, and staff management. Automation reduces manual effort, minimizes errors, and enhances overall efficiency.
- Centralized Information: A digital system allows hotel managers to access all relevant data from a single platform. This includes room availability, guest details, billing records, and staff schedules. Having centralized information improves decision-making and operational control.
- Customer Experience: An efficient hotel management system directly impacts guest satisfaction. Online booking, quick check-ins, and personalized services enhance the overall experience for guests.

- Revenue Management: The system can track room occupancy, pricing, and revenue. It enables dynamic pricing strategies based on demand, seasonality, and special events.
- 5. **Staff Productivity**: Staff members benefit from streamlined processes, automated checklists, and real-time communication. This leads to better staff productivity and job satisfaction.
- Data Security: Digital systems provide better security for guest information, financial transactions, and sensitive data. Regular backups and access controls ensure data integrity.
- 7. Competitive Advantage: Hotels that embrace technology gain a competitive edge. A well-implemented hotel management project attracts tech-savvy guests and positions the hotel as modern and efficient.

In summary, creating a hotel management project addresses operational challenges, improves guest experiences, and contributes to the overall success of the establishment.

### PROBLEM DEFINITION

Certainly! Let's delve into the problem definition for a Hotel Management
Project. Here are some common challenges faced by hotel staff members and
potential solutions:

#### 1. Lack of Complimentary Supplies:

- Problem: Guests often expect complimentary amenities like shampoo, soaps, coffee, and tea. The absence of these basic room supplies can lead to low guest satisfaction scores and negative reviews.
- Solution: Hoteliers should maintain ample supplies of these items in closets and cleaning stations throughout the property.
- Partnering with brands for promotional deals on such products can also be beneficial1.

#### 2. Long Lines at the Front Desk:

- Problem: Waiting in long lines at the front desk frustrates guests,
   especially when they need a comfortable room promptly.
- Solution: Implement efficient check-in processes, consider self-check-in kiosks, and ensure adequate staffing during peak hours.

#### 3. Slow Room Turnover:

 Problem: Delayed room turnover affects guest satisfaction and revenue.  Solution: Optimize housekeeping schedules, streamline cleaning procedures, and use technology to track room status and availability.

#### 4. Low Guest Satisfaction Scores:

- Problem: Negative guest experiences impact ratings and repeat business.
- Solution: Focus on personalized service, address guest complaints promptly, and continuously train staff to enhance guest interactions.

#### 5. Closed Amenities:

- Problem: Unavailable amenities disappoint guests.
- Solution: Communicate clearly about amenity closures (e.g., pool maintenance) in advance. Offer alternatives or discounts to compensate.

## 6. Credit Card Authorization Forms Not PCI Compliant:

- Problem: Non-compliance with Payment Card Industry Data Security Standard (PCI DSS) can lead to security risks.
- Solution: Ensure that credit card authorization forms adhere to PCI DSS guidelines.

## 7. Staff Shortages:

- Problem: Insufficient staff affects service quality.
- Solution: Hire and train adequately, cross-train employees, and consider outsourcing certain functions.

## 8. Low Hotel App Adoption:

- o Problem: Guests underutilize hotel apps.
- Solution: Promote app features, offer incentives for app usage, and provide seamless integration with guest services.

## 9. High Call Volumes at the Front Desk:

- Problem: Overwhelmed front desk staff due to numerous phone inquiries.
- Solution: Implement an efficient phone system, provide FAQs on the website, and encourage guests to use other communication channels.

Remember, each hotel may have unique challenges based on its location, facilities, and customer base. Addressing these problems proactively ensures a smoother guest experience and efficient hotel operations.

## **OBJECTIVE**

The primary purpose of a hotel management system project is to optimize and streamline operations within a hospitality establishment such as a hotel, resort, or restaurant. The system should be as adaptable as possible, allowing it to be used in a variety of hotels. The project aims to enhance guest experiences, improve operational efficiency, and increase the staff's overall productivity. The system should allow the user and administrator to keep track of transactions like room reservations, room booking, financial administration of the hotel, staff record keeping, online reservation and other day to day activities involved in the running and management of a hotel.

The purpose of hotel booking system is to automate the existing manual system by the help of computerized equipments and full fledged computer software, fulfilling their requirement, so that their valuable or information can be stored for a longer period with easy accessing and manipulating of the same. The required software and hardware are easily available and easy to work with. This proposes that efficiency of hotel organizations could be improved by integrating service-oriented operations service-oriented operations with project management principles. Such integration would instill innovation, proactive attitudes and regulated risk-taking needed to pursue ongoing improvement and proactive response to change. By managing each change as a project, embedded in smoothly running operations, hotels would extend their life span by continuously reinventing themselves.

# **METHODOLOGY**

Requirement analysis for web applications encompasses three major tasks:

Formulation, requirements gathering and analysis modeling. During formulation, the basic motivation and goals for the web application are identified, and the categories of users are defined. In the requirements gathering phase, the content and functional requirements are listed and interaction scenarios written from end-user's point-of-view are developed. This intent is to establish a basic understanding of why the web application is built, who will use it, and what problems it will solve for its users.

# Software Requirement Specification:

A set of programs associated with the operation of a computer is called software. Software is the part of the computer system, which enables the user to interact with several physical hardware devices. The minimum software requirement specifications for developing this project are as follows:

Operating System	Windows 7/ XP/8/10/11	
Server side script	Node.js	
Database	MongoDb	
Front end	Html, CSS, Java Script	

### Hardware Requirement Specification:

The collection of internal electronic circuits and external physical devices used in building a computer is called the Hardware. The minimum hardware requirement specifications for developing this project are as follows:

Processor	Standard processor with a speed of 1.6 GHz
RAM	256 MB RAM or more
Hard Disk	20 GB or more
Monitor	Standard color monitor

## **Functional Requirements:**

The basic objective of HOTEL MANAGEMENT SYSTEM is to generalize and simplify the monthly or day to day activities of Hotel like Room activities, Check in of New Customer, Check out of customer, Assigning a room according to customer requirement, and finally compute the bill etc. which has to be performed repeatedly on regular basis. To provide efficient, fast, reliable and user-friendly system is the basic motto behind this exercise. Let us now discuss how different functions handle the structure and data files:

#### E-mail address:

In this module, this website is for multiple users. If a User enters a E=mail address and the software checks its validity. If the address is valid then option is given to option booking room.

#### Password:

In this module, this website is for multiple users. If a User enters a password and the software checks its validity. If the password is valid then option is given to option booking room.

## **System Requirements:**

We'll focus on the following set of requirements while designing the Hotel Management System:

- 1. The system should support the booking of different room types like standard, deluxe, family suite, etc.
- 2. Guests should be able to search the room inventory and book any available room.
- 3. The system should be able to retrieve information, such as who booked a particular room, or what rooms were booked by a specific customer.
- 4. The system should allow customers to cancel their booking and provide them with a full refund if the cancelation occurs before 24 hours of the check-in date.
- 5. The system should be able to send notifications whenever the booking is nearing the check-in or check-out date.
- 6. The system should maintain a room housekeeping log to keep track of all housekeeping tasks.
- 7. Any customer should be able to add room services and food items.
- 8. Customers can ask for different amenities and should be able to pay their bills through credit card, check or cash.

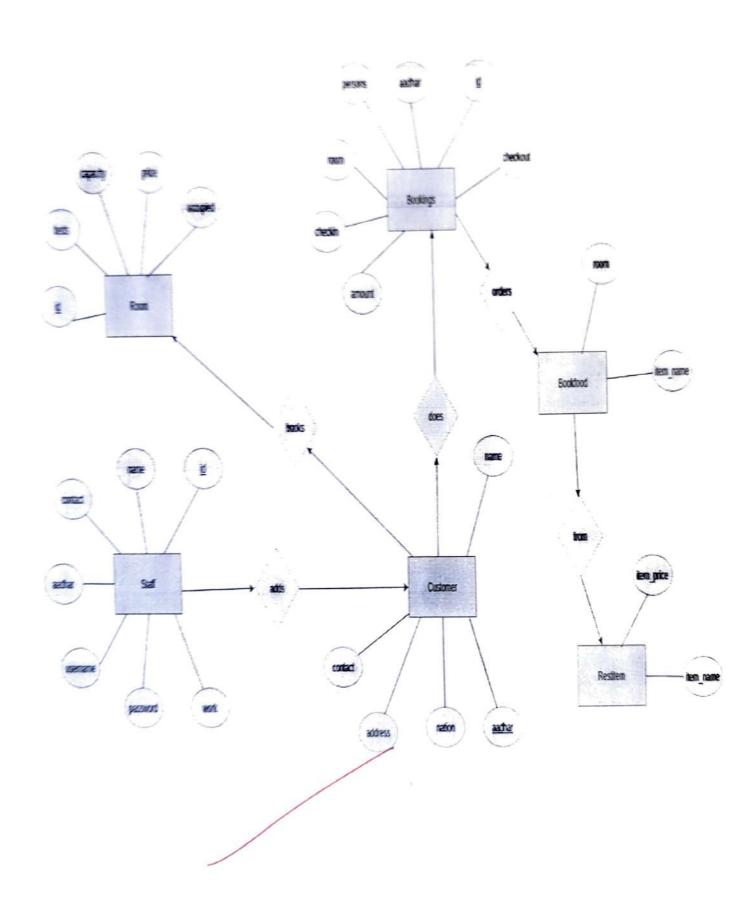
### Use Case Diagram:

### Here are the main Actors in our system:

- 1. Guest: All guests can search the available rooms, as well as make a booking.
- 2. Receptionist: Mainly responsible for adding and modifying rooms, creating room bookings, check-in, and check-out customers.
- System: Mainly responsible for sending notifications for room booking, cancellation, etc.
- 4. Manager: Mainly responsible for adding new workers.
- 5. Housekeeper: To add/modify housekeeping record of rooms.
- 6. Server: To add/modify room service record of rooms.

#### Here are the top use cases of the Hotel Management System:

- Add/Remove/Edit room: To add, remove, or modify a room in the system.
- 2. Search room: To search for rooms by type and availability.
- 3. Register or cancel an account: To add a new member or cancel the membership of an existing member.
- 4. Book room: To book a room.
- 5. Check-in: To let the guest check-in for their booking.
- Check-out: To track the end of the booking and the return of the room keys.
- 7. Add room charge: To add a room service charge to the customer's bill.
- 8. Update housekeeping log. To add or update the housekeeping entry of a room.



# Here are the main classes of our Hotel Management System:

- 1. Hotel and HotelLocation: Our system will support multiple locations of a hotel.
  - Room: The basic building block of the system. Every room will be uniquely identified by the room number. Each Room will have attributes like Room Style, Booking Price, etc.
  - 3. Account: We will have different types of accounts in the system: one will be a guest to search and book rooms, another will be a receptionist. Housekeeping will keep track of the housekeeping records of a room, and a Server will handle room service.
  - RoomBooking: This class will be responsible for managing bookings for a room.
- 5. Notification: Will take care of sending notifications to guests.
- RoomHouseKeeping: To keep track of all housekeeping records for rooms.
- RoomCharge: Encapsulates the details about different types of room services that guests have requested.
- 8. Invoice: Contains different invoice-items for every charge against the room.
- RoomKey: Each room can be assigned an electronic key card. Keys will have a barcode and will be uniquely identified by a key-ID.

## SOFTWARE TOOLS USED

The whole Project is divided in two parts the front end and the back end.

Front end: The front end is designed using of Html, CSS, Java script.

### HTML



• HTML- HTML or Hyper Text Markup Language is the main markup language for creating web pages and other information that can be displayed in a web browser.HTML is

written in the form of HTML elements consisting of tags enclosed in angle brackets (like), within the web page content. HTML tags most commonly come in pairs like<h1> and </h1>, although some tags represent empty elements and so are unpaired, for example<img>. The first tag in a pair is the start tag, and the second tag is the end tag (they are also called opening tags and closing tags). In between these tags web designers can add text, further tags, comments and other types of text-based content. The purpose of a web browser is to read HTML documents and compose them into visible or audible web pages. The browser does not display the HTML tags, but uses the tags to interpret the content of the page.HTML elements form the building blocks of all websites. HTML allows images and objects to be embedded and can be used to create interactive forms. It provides a means to create structured documents by denoting structural semantics for text such as headings, paragraphs, lists, links, quotes and other things.



• CSS- Cascading Style Sheets(CSS) is a style sheet language used fordescribing the look and formatting of a document written in a markup language. While most often used to

style web pages and interfaces written in HTML and XHTML, the language can be applied to any kind of XML document, including plain XML, SVG and XUL. CSS is a cornerstone specification of the web and almost all web pages use CSS style sheets to describe their presentation.CSS is designed primarily to enable the separation of document content from document presentation, including elements such as the layout, colors, and fonts. This separation can improve content accessibility, provide more flexibility and control in the specification. of presentation characteristics, enable multiple pages to share formatting, and reduce complexity and repetition in the structural content (such as by allowing for table less web design).CSS can also allow the same markup page to be presented in different styles for different rendering methods, such as on-screen, in print, by voice (when 14 read out by a speech-based browser or screen reader) and on Braille-based, tactile devices. It can also be used to allow the web page to display differently depending on the screen size or device on which it is being viewed.

# SYSTEM IMPLEMENTATION

The project's implementation phase is when the conceptual design is transformed into a functional system. As a result, it can be said to be the stage that will determine whether a new system is a success and whether its users have faith in its ability to function effectively. The implementation stage entails careful planning, research into the current system and its implementation limitations, design of transitional methods, and evaluation of transitional methods.

## Sample code:

```
<!DOCTYPE html>
<html lang="en">
 <head>
  <meta charset="UTF-8"/>
  <meta name="viewport" content="width=device-width, initial-scale=1.0" />
  link
   href="https://cdn.jsdelivr.net/npm/remixicon@3.5.0/fonts/remixicon.css"
   rel="stylesheet"
  />
                                               k
                                                                rel="stylesheet"
href="https://cdn.jsdelivr.net/npm/locomotive-scroll@3.5.4/dist/locomotive-scroll.
css">
  link
   href="https://cdn.jsdelivr.net/npm/remixicon@3.2.0/fonts/remixicon.css"
    rel="stylesheet"
```

```
1>
 <link rel="stylesheet" href="voyger.css" />
 <script src="https://unpkg.com/scrollreveal"></script>
 <title>VOYGER.|You Live it.We Organize it|</title>
</head>
<body> <div id="main">
 <header id="home">
  <nav>
   <div class="nav bar">
    <div class="nav_logo"><a href="#">VOYGER.</a></div>
    ul class="nav links">
     class="link"><a href="#home">Home</a>
     class="link"><a href="#about">About Us</a>
     class="link"><a href="discover.html">Discover</a>
     class="link"><a href="hiking.html">Blog</a>
    class="link"><a href="#journals">Journals</a>
    class="link"><a href="#gallery">Gallery</a>
    class="link"><a href="#contact">Contact</a>
    class="link search">
     <span><i class="ri-search-line"></i></span>
    </div>
 </nav>
 <div class="section_container header_container">
  <h1>The new way to plan your next adventure</h1>
  <h4>Explore the colourful world</h4>
```

Our mission is to ignite the spirit of discovery in every traveler's heart, offering meticulously crafted itineraries that blend adrenaline-pumping activities with awe-inspiring landscapes. With a team of seasoned globetrotters, we ensure that every expedition is infused with excitement, grace our planet. Embark on a voyage of a lifetime with us, as we redefine the art of exploration.

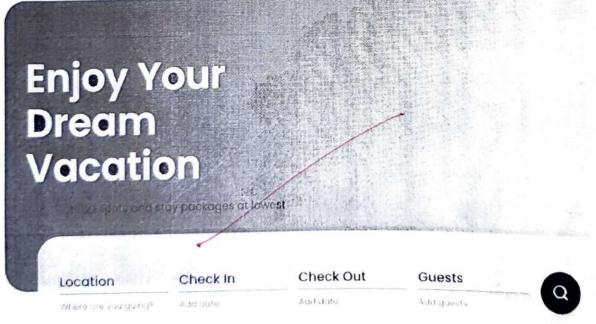
```
<div class="about__flex">
<div class="about__card">
<h4>268</h4>
Completed Trips
</div>
<div class="about__card">
<h4>176</h4>
Tour Guides
</div>
```

```
<div class="about_card">
      <h4>153</h4>
      Destinations
     </div>
    </div>
    <button class="btn">
     Read More <i class="ri-arrow-right-line"></i>
    </button>
  </div>
  <div class="about image">
   <img src="assets/about.jpg" alt="about" />
  </div>
 </div>
</section>
<section class="discover" id="discover">
 <div class="section_container discover_container">
  <h2 class="section_header">Discover the most engaging places</h2>
  Let's see the world with us with you and your family.
  <div class="discover_grid">
   <div class="discover_card">
    <div class="discover_image">
     <img src="assets/discover-1.jpg" alt="discover" />
    </div>
    <div class="discover_card_content">
```

```
<h4>Norway</h4>
 Discover the untamed beauty of Norway, a land where rugged
  mountains, and enchanting northern lights paint a surreal
   backdrop.
  <button class="discover__btn">
   <a href="discover.html" target="_blank">
   Discover More <i class="ri-arrow-right-line"></i></a>
  </button>
 </div>
</div>
<div class="discover card">
 <div class="discover image">
  <img src="assets/discover-2.jpg" alt="discover" />
 </div>
 <div class="discover_card_content">
  <h4>London</h4>
   >·
    From urban rock climbing to twilight cycling through royal
    parks, London beckons adventure enthusiasts to embrace
    opportunities.
   <button class="discover_btn"><a href="discover.html" target="_blank">
     Discover More <i class="ri-arrow-right-line"></i></a>
    </button>
   </div>
```



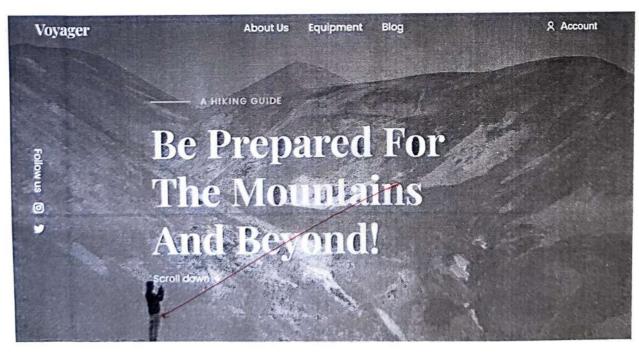
VOYGER.















# SYSTEM TESTING

# Integration Testing

Integration testing done ahead, during and after integration of a new module into the main software package. This involves testing of each individual law module. One piece of software can contain several modules which are frequently created by several different programmers. It's pivotal to test each modules effect on the entire program model. After integration testing the design works successfully.

## **Unit Testing**

Each module or chunk of code is subjected to unit testing while being developed. Typically, the programmer who creates the code performs unit testing.

## **System Testing**

Before being released on the market, the finished software product is subjected to system testing by a qualified testing agent.

## **Acceptance Testing**

A beta test of the product conducted by the real end user is known as acceptance testing.

### **Recovery Testing**

Recovery testing is carried out to show that a software application is dependable, trustworthy, and capable of recovering from potential crashes.

#### **Functional Testing**

Functional testing, also known as functional integrity testing. Functional testing tries to think about possible missing features. Testers can list additional features that a product could improve during functional testing.

### Hardware/Software Testing

Hardware and software testing is referred to as "HW/SW Testing" by IBM. During system testing, this is the time when the tester focuses on the interactions between the hardware and software.

#### **Security Testing**

Security testing is a subset of software testing that makes sure all systems and applications within a company are free of flaws that could result in significant financial loss. Finding any potential flaws and vulnerabilities that could lead to information loss in the hands of the organization's workers or outsiders is the goal of security testing any system.

#### Advantages

Sometimes it happens that the rooms get booked soon when one visits the place therefore user can make advance booking using this system. It saves user time in search of rooms. The system is useful as it calculates an exact cost for requested number of days. It saves organization resources and expenses. This system is effective and saves time and cost of users. Easy registration.

## **CONCLUSION**

HOTEL MANAGENMENT SYSTEM is a Web-portal Development Company specializing in providing custom solutions for small businesses. We strive to build solutions to your specific needs to get the job done right the first time. We pay special attention to the ease of use and utilize the latest in technology. This system is developed for the exclusively for the people . It provides facilities to the user with user friendly modules with sub modules. This system is developed in understandable approach which can be easier to the layman of the computers. This system is developed totally GUI based and with smart links. This project is designed to meet the requirements of Online Hotel Management. It has been developed in JSP, Servlets keeping in mind the specifications of the system. For designing the system we have used simple data flow diagrams. Overall the project teaches us the essential skills like: Using system analysis and design techniques like data flow diagram in designing the system. Understanding the database handling and query processing.

## REFERENCES

Youtube



• GitHub



ChatGpt



Flickity



Web Browser



Puntet chung.

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Department: Computer Science & Engineering

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## KHALSA COLLEGE OF ENGINEERING AND TECHNOLOGY AMRITSAR



# DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

MAJOR PROJECT

BTCS 705-18

B. TECH (CSE)-7<sup>TH</sup> SEMESTER

Mentor: Dr. Jasleen Kaur Mam

Submitted by: Shubham Bhardwaj (2005540)

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## **ABSTRACT**

The College ERP Project aimed to implement an Enterprise Resource Planning (ERP) system in our college with the objective of enhancing administrative efficiency, streamlining processes, and improving communication within the college ecosystem. This abstract provides a comprehensive summary of the objectives. project, its implementation strategies, and resulting benefits. The project began with a detailed analysis of the college's existing systems, workflows, and requirements. This analysis served as a foundation for identifying key areas for improvement and guiding the selection and customization of an appropriate ERP solution. The project team engaged in extensive consultations with stakeholders from various departments to ensure the system's alignment with their specific needs and processes. The implementation of the College ERP system encompassed a wide range of modules, including student information management, admissions, academic planning, course registration, examination management, financial management, and human resources.

## INTRODUCTION

- Background: Provide a brief background on the need for efficient management systems in educational institutions like colleges. Explain how traditional manual processes may be time-consuming, prone to errors, and lacking in integration and communication.
- Importance of College Management Software: Highlight the significance of implementing a comprehensive software solution for college management. Discuss how such software can streamline administrative tasks, enhance communication, improve data accuracy, and provide real-time access to information.
- The College Management Software is a comprehensive solution designed to streamline and enhance the management processes within educational institutions. This practical file aims to provide a thorough understanding of the software's functionalities, focusing on the app interface developed in Flutter using the Dart programming language, the website developed in React framework using JavaScript, and the backend developed in Node.js.

## **FLUTTER**

Flutter is an open-source UI software development kit (SDK) created by Google. It is designed to build natively compiled applications for mobile, web, and desktop platforms from a single codebase. This section provides an introduction to Flutter, its key features, and its significance in the development of the College Management Software.



#### Overview:

Flutter offers a comprehensive framework for developing crossplatform applications with a focus on creating visually appealing and performant user interfaces. It utilizes the Dart programming language, which enables developers to write code that runs on multiple platforms.

#### **Key Features:**

Flutter provides a range of features that make it a popular choice for app development:

Hot Reload: The hot reload feature allows developers to quickly see the impact of code changes in real-time, enhancing the development and testing process.

Widgets: Flutter utilizes a rich set of customizable widgets, enabling the creation of responsive and visually engaging user interfaces. These widgets are the building blocks of Flutter applications and can be easily composed and customized.

Fast Performance: Flutter apps are compiled into native code, resulting in high-performance applications that can match the speed of traditional native apps.

Cross-Platform Development: With Flutter, developers can write code once and deploy it across multiple platforms, including iOS, Android, web, and desktop. This reduces development time and effort.

Material Design and Cupertino Style: Flutter provides built-in support for both Material Design (Android) and Cupertino style (iOS), ensuring that the user interface adheres to platform-specific design guidelines.

Significance in College Management Software:

Flutter plays a vital role in the development of the College Management Software, specifically in creating the app interface. By utilizing Flutter, the software offers a consistent user experience across different mobile platforms. This allows college staff and students to access and interact with the management system seamlessly, regardless of their device's operating system.

The use of Flutter ensures that the College Management Software benefits from the advantages of native performance, fast development cycles with hot reload, and a rich set of customizable widgets. It empowers developers to create visually appealing interfaces with smooth animations, interactive elements, and responsive layouts, enhancing the overall user experience.

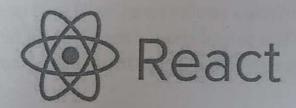
#### Practical Application:

This section of the practical file will provide practical examples and demonstrations of Flutter's capabilities in the context of the College Management Software. It will explore the implementation of various screens, navigation, data handling, and integration with other components of the software.

By leveraging the power of Flutter, the College Management Software aims to provide a user-friendly and efficient app interface that simplifies tasks such as accessing student information, managing courses, and handling administrative processes.

# REACT AND JAVASCRIPT

React and JavaScript are crucial components in the development of the College Management Software's website. This section provides an introduction to React, its benefits, the use of JavaScript as the programming language, and their significance in building dynamic and interactive web interfaces.



#### React Overview:

React is a JavaScript library developed by Facebook. It is widely used for building user interfaces, specifically for creating interactive and reusable UI components. React follows a component-based architecture, allowing developers to break down complex user interfaces into smaller, reusable components, making the development process more efficient.

#### Benefits of React:

React offers several advantages that make it a popular choice for web development:

Component Reusability: React's component-based approach promotes reusability, allowing developers to build UI components once and reuse them across the application, reducing redundant code and improving maintainability.

Virtual DOM: React utilizes a virtual DOM, a lightweight representation of the actual DOM. This enables efficient rendering and updating of components, resulting in improved performance and a seamless user experience.

Unidirectional Data Flow: React follows a unidirectional data flow, ensuring that data changes are predictable and manageable. This improves code maintainability and makes debugging easier.

Declarative Syntax: React uses a declarative syntax, where developers describe the desired UI state, and React takes care of updating the UI to reflect those changes. This simplifies the development process and enhances code readability.

#### JavaScript in Web Development:

JavaScript is a dynamic programming language widely used for clientside web development. It enables interactive and responsive web interfaces, allowing developers to add functionality, handle user events, and manipulate data on the client side.

JavaScript is an essential language in web development as it provides a wide range of capabilities, including DOM manipulation, event handling, AJAX requests, and data manipulation. It allows developers

to create dynamic web experiences by adding interactivity and responsiveness to websites.

Significance in College Management Software:

React and JavaScript play a crucial role in developing the website component of the College Management Software. React's component-based architecture enables the creation of reusable UI components, making the development process more efficient and maintainable.

JavaScript, on the other hand, provides the necessary functionality and interactivity required for a responsive web interface. It allows developers to handle user interactions, perform data validation, implement dynamic form submission, and fetch data from the backend.

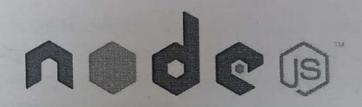
By utilizing React and JavaScript, the College Management Software's website can deliver an engaging user experience, provide real-time data updates, and offer seamless navigation and interaction for college staff, students, and other stakeholders.

#### Practical Application:

This section of the practical file will explore practical examples and demonstrations of React and JavaScript within the context of the College Management Software's website. It will cover topics such as component development, state management, handling user interactions, integrating with APIs, and implementing dynamic data rendering.

## NODE JS as BACKEND

Node.js serves as the backend technology in the development of the College Management Software. This section provides an introduction to Node.js, its benefits, and its significance in building a robust and efficient backend for the software.



#### Node.js Overview:

Node.js is a server-side JavaScript runtime environment built on the Chrome V8 JavaScript engine. It allows developers to execute JavaScript code on the server, providing a scalable and event-driven platform for building network applications. Node.js enables the development of high-performance, non-blocking, and data-intensive applications.

#### Benefits of Node.js:

Node.js offers several advantages that make it a popular choice for backend development:

JavaScript Everywhere: Node.js allows developers to use JavaScript on both the frontend and the backend, making it a unified language for full-stack development. This reduces the learning curve and promotes code reuse between the server and the client.

Asynchronous and Non-blocking I/O: Node.js utilizes an event-driven, non-blocking I/O model, which enables it to handle concurrent connections efficiently. This makes Node.js highly scalable, allowing it to handle a large number of simultaneous requests without sacrificing performance.

Extensive Package Ecosystem: Node.js has a rich ecosystem of opensource packages and modules available through the npm (Node Package Manager) registry. This allows developers to leverage existing libraries and frameworks, accelerating development and enhancing functionality.

High Performance: Node.js's single-threaded, event-driven architecture makes it lightweight and capable of handling a large number of concurrent connections with low memory usage. This results in high-performance applications, ideal for real-time applications and data-intensive tasks.

Significance in College Management Software:

Node.js plays a crucial role in the development of the backend for the College Management Software. It provides a scalable and efficient platform for handling various server-side operations, including data processing, database interactions, authentication, and API integrations.

Page. 10

With its non-blocking I/O model and event-driven architecture, Node.js ensures that the College Management Software can handle multiple simultaneous requests and deliver real-time updates to users. It enables seamless communication between the frontend components (such as the app interface and website) and the underlying data and business logic.

#### Practical Application:

This section of the practical file will explore practical examples and demonstrations of Node.js within the context of the College Management Software's backend development. It will cover topics such as routing, database integration, data validation and manipulation, security considerations, and API development.

By leveraging the power of Node. is, the College Management Software's backend can handle complex operations efficiently, ensure data integrity, and provide secure access to the system's functionalities.

## SCOPE

Briefly mention the scope of the practical file. Explain that it will cover the key features, modules, and functionalities of the software, focusing on how they address common challenges faced by colleges in areas such as admissions, academic planning, student information management, course registration, examination management, financial management, and human resources.

- Overview of Functionality: Provide a brief overview of the key functionalities and features of the College Management Software that will be discussed in the practical file. This may include areas such as admissions, student information management, course registration, examination management, financial management, and human resources.
- Admission Management: Explain how the software facilitates the admission process, including online application submission, document verification, fee payment, and generating admission reports.
- Student Information Management: Discuss how the software manages student information, including student profiles, academic records, attendance tracking, and generating student reports.

- Course Registration: Explain the software's capability to manage course registration, including course selection, schedule creation, and tracking of enrolled students.
- Examination Management: Describe how the software streamlines the examination management process, including exam scheduling, seating arrangement, result processing, and generating transcripts.
- Financial Management: Discuss the software's functionality for managing financial aspects, such as fee collection, generating fee receipts, tracking payments, and generating financial reports.
- Human Resources Management: Explain how the software handles human resources-related tasks, including employee profiles, leave management, payroll processing, and generating employee reports.
- Integration with App Interface and Website: Highlight the integration of the College Management Software with the app interface developed in Flutter and the website developed in React. Discuss how these interfaces provide a seamless user experience and access to the software's functionalities.
- Reporting and Analytics: Mention the software's capability to generate various reports and analytics, such as student performance reports, financial reports, and administrative analytics, to aid in decision-making and monitoring.

- Customization and Scalability: Discuss how the software can be customized to meet the specific needs of the college, including the ability to configure workflows, customize data fields, and scale the system as the college grows.
- Accessibility and Security: Address how the software ensures
  accessibility for authorized users while maintaining data
  security and privacy, including user authentication, role-based
  access control, and data encryption.
- Limitations and Exclusions: Provide transparency by mentioning any limitations or exclusions of the software's functionalities that will not be covered in the practical file.

## NEED OF THE PROJECT

- Inefficiencies in Manual Processes: Highlight the limitations and inefficiencies of traditional manual processes in college management. This may include challenges related to data management, communication gaps, time-consuming administrative tasks, and potential errors in record-keeping.
- Growing Complexity of College Operations: Discuss how the increasing complexities of college operations, including admissions, course registration, examination management, and financial processes, necessitate a more streamlined and automated system. Explain how the College Management Software addresses these complexities.
- Enhanced Accessibility and User Experience: Emphasize the need for a user-friendly and accessible system that can be accessed by college staff, students, and other stakeholders.
   Describe how the software's interfaces (app and website) provide a seamless and intuitive user experience, facilitating easy navigation and access to information.
- Improved Data Management and Reporting: Highlight the importance of accurate and centralized data management in college administration. Discuss how the software eliminates data duplication, ensures data integrity, and enables efficient reporting and analytics for informed decision-making.

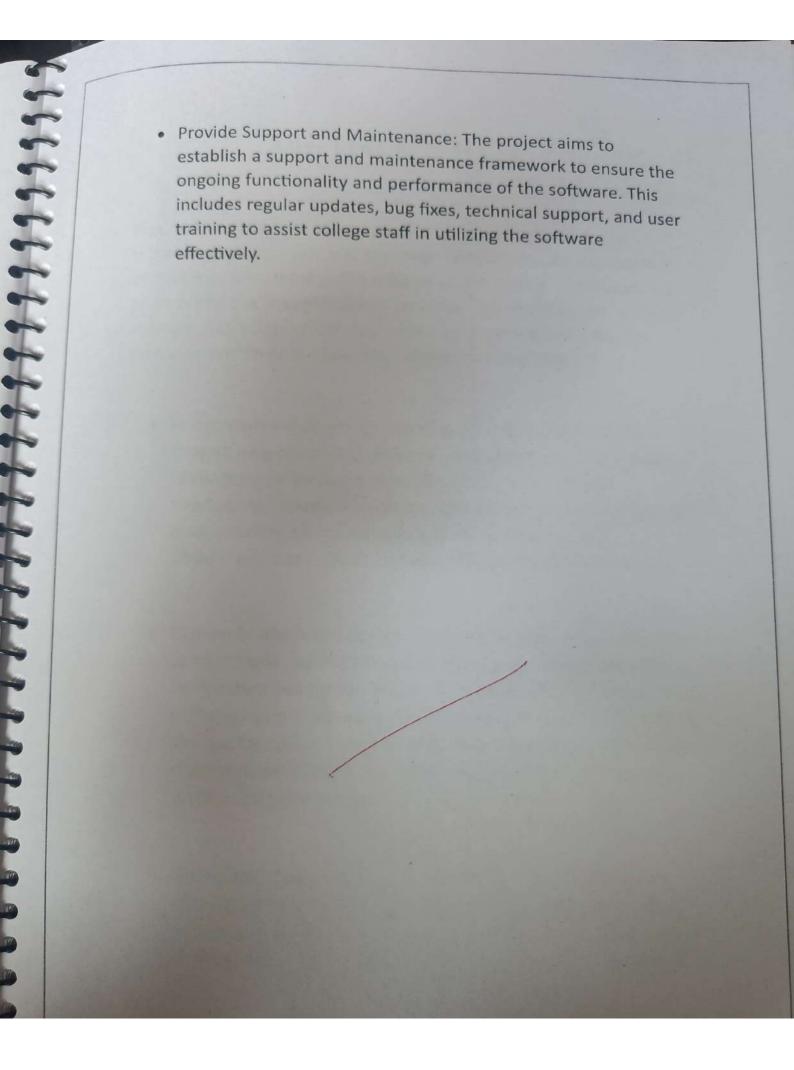
- Streamlined Administrative Processes: Explain how the College Management Software simplifies administrative processes by automating tasks such as admissions, fee management, course registration, examination scheduling, and employee management. Emphasize the time and effort saved through automation.
- Enhanced Communication and Collaboration: Discuss the need for improved communication and collaboration among different stakeholders within the college community. Explain how the software facilitates effective communication channels, such as instant notifications, email integration, and shared calendars.
- Scalability and Future Growth: Address the importance of a scalable solution that can accommodate the evolving needs of the college. Explain how the software's architecture and design allow for easy scalability and customization as the college expands or introduces new processes.
- Compliance and Security: Highlight the need for data security and compliance with privacy regulations in college management systems. Discuss how the College Management Software ensures data security, access control, and adherence to relevant regulations.
- Improved Decision-Making and Planning: Describe how the software's reporting and analytics capabilities enable college administrators to make data-driven decisions, monitor performance, and plan for future improvements and growth.

## **OBJECTIVES OF THE PROJECT**

- Streamline Administrative Processes: The primary objective of the project is to streamline and automate various administrative processes within the college. This includes tasks such as admissions, student information management, course registration, examination management, financial management, and human resources management. The software aims to simplify these processes, reduce manual efforts, and improve overall efficiency.
- Centralize Data Management: The project aims to centralize
  data management by creating a unified platform for storing and
  managing college-related information. This includes student
  profiles, academic records, attendance data, course details,
  examination results, financial transactions, and employee
  records. The objective is to ensure data integrity, eliminate
  duplication, and provide easy access to accurate information.
- Enhance Communication and Collaboration: The software aims
  to improve communication and collaboration among college
  staff, students, and other stakeholders. It provides features such
  as instant notifications, messaging systems, email integration,
  and shared calendars to facilitate effective communication,
  streamline workflows, and foster collaboration within the
  college community.

- Improve Accessibility and User Experience: The project aims to enhance accessibility for users by providing a user-friendly interface that can be accessed from multiple devices, including desktops, laptops, tablets, and mobile phones. The software aims to deliver a seamless and intuitive user experience, ensuring easy navigation, quick access to information, and a consistent interface across different platforms.
- Enable Data Reporting and Analytics: The project aims to enable data reporting and analytics capabilities to support decision-making and planning within the college. The software provides tools to generate reports, analyze data trends, and extract insights for monitoring performance, identifying areas for improvement, and making data-driven decisions.
- Ensure Data Security and Privacy: A key objective of the project is to ensure the security and privacy of college-related data. The software incorporates robust security measures, including user authentication, role-based access control, data encryption, and regular backups, to safeguard sensitive information and comply with relevant data protection regulations.
- Foster Scalability and Adaptability: The project aims to develop
  a scalable and adaptable solution that can accommodate the
  evolving needs of the college. It provides a flexible architecture
  and design that allows for easy customization, integration with
  additional modules or systems, and scalability to handle
  increased data volume or user load.

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## METHODOLOGY

It provide insights into the systematic approach followed, the technologies employed, and the steps taken to ensure a successful project outcome. It helps the readers understand the development process and the thoughtfulness that went into creating the software solution. It can outline the approach and steps taken during the development process. Here are some points to consider:

- Requirement Gathering: Describe the initial phase of the project, where the requirements and objectives of the College Management Software were identified. This involved conducting interviews, surveys, and meetings with stakeholders such as college administrators, staff, and students to understand their needs and expectations from the software.
- System Analysis and Design: Explain the system analysis and design phase, where the requirements were translated into a comprehensive system design. This involved creating use cases, defining system modules, and designing the database schema.
   Various techniques such as UML diagrams, entity-relationship diagrams, and flowcharts were used to visualize the system architecture and design.
- Technology Selection: Discuss the process of selecting the appropriate technologies for developing the software. This includes choosing Flutter and Dart for the app interface, React and JavaScript for the website, and Node.js for the backend.

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Explain the rationale behind these technology choices, considering factors such as platform compatibility, performance, community support, and the skillset of the development team.

- Development and Implementation: Outline the development phase, where the software components were built according to the system design. Explain how the development team utilized the selected technologies (Flutter, Dart, React, JavaScript, and Node.js) to implement the different modules of the College Management Software, including admissions, student information management, course registration, examination management, financial management, and human resources management. Describe the iterative and incremental development approach used, including agile methodologies if applicable.
- Testing and Quality Assurance: Discuss the testing process employed to ensure the functionality, performance, and reliability of the software. This includes unit testing, integration testing, system testing, and user acceptance testing. Explain how test cases were designed, executed, and documented, and how issues and bugs were identified, reported, and resolved. Highlight the importance of quality assurance in delivering a robust and error-free software solution.
- Deployment and Training: Explain the deployment phase, where the College Management Software was installed and configured on the required servers or hosting platforms. Describe the process of data migration, if applicable, from

existing systems to the new software. Discuss the training sessions conducted for college staff and stakeholders to familiarize them with the software's functionalities, usage, and best practices.

- Documentation and User Manuals: Discuss the documentation efforts carried out throughout the project. Explain how user manuals, system manuals, installation guides, and technical documentation were prepared to provide comprehensive instructions and reference materials for users, administrators, and developers.
- Project Management and Collaboration: Highlight the project management techniques employed to ensure smooth coordination and collaboration among team members. This includes the use of project management tools, task tracking, regular meetings, and effective communication channels to manage timelines, milestones, and deliverables.
- Maintenance and Support: Explain the approach for ongoing maintenance and support of the College Management Software. Discuss the strategies for handling software updates, bug fixes, and user support requests. Highlight the importance of continuous improvement and future enhancements based on user feedback and evolving requirements.

Communication Requirement Gathering Feasibility Study System Analysis Software Design SDLC Coding Testing Integration implementation Operations & Maintenance Disposition Page. 23

## **COMPONENTS IN PROJECT**

#### 1. Announcements:

- Step 1: The administrator logs into the system using their credentials, accessing the admin dashboard.
- Step 2: Within the admin dashboard, the administrator navigates to the "Announcements" section.
- Step 3: The administrator selects the option to create a new announcement.
- Step 4: In the announcement creation form, the administrator enters the title, description, and other relevant details of the announcement.
- Step 5: The administrator may choose to specify the target audience for the announcement, such as students, faculty, or staff.
- Step 6: After verifying the information, the administrator publishes the announcement.
- Step 7: The published announcement is made visible to the intended audience, who can view it on their respective dashboards or dedicated announcement pages.

#### 2. Assignments:

Step 1: Instructors or course coordinators access the assignment management section within the admin dashboard.



- Step 2: They select the option to create a new assignment and provide the necessary details, such as the assignment title, description, due date, and any additional instructions.
- Step 3: Instructors may also specify the course or courses to which the assignment is assigned.
- Step 4: After creating the assignment, instructors can review and modify its details, if necessary.
- Step 5: Students, upon logging into the system, can view the assignments relevant to their enrolled courses on their dashboard or a dedicated assignments section.
- Step 6: Students can submit their assignments by uploading the required files or entering their responses within the system.
- Step 7: Instructors can access the submitted assignments, review them, provide feedback, and assign grades or scores.
- Step 8: Students can view their assignment grades or feedback within their dashboard or a designated section.

#### 3. Gallery:

- Step 1: The administrator accesses the gallery management section within the admin dashboard.
- Step 2: They choose to upload new images or videos or organize existing media into categories or albums.
- Step 3: The administrator selects the files from their local device and uploads them to the system.

- Step 4: They may add captions, descriptions, or tags to the media files for easy search and identification.
- Step 5: Users, such as students, faculty, or staff, can access the gallery section and browse through the media content.
- Step 6: Users can view images or play videos, filter content by categories or tags, and search for specific media files.
- Step 7: The gallery provides options for users to download or share media files through social media platforms or email.

#### 4. Contact Information:

- Step 1: The administrator accesses the contact information management section within the admin dashboard.
- Step 2: They add or update the contact details of various college departments, faculty members, staff, and administrative offices.
- Step 3: The administrator may include phone numbers, email addresses, office locations, and other relevant information.
- Step 4: Users, such as students or parents, can access the contact information section to find the relevant contact details.
- Step 5: Users can search for specific contacts, filter contacts by departments or roles, or browse through the complete list.

### 5. Upcoming Events:

- Step 1: The administrator accesses the event management section within the admin dashboard.
- · Step 2: They create new event entries by providing details such as the event title, description, date, time, and venue.
- · Step 3: Additional information, such as registration requirements or guest speakers, can also be included.
- · Step 4: The administrator publishes the event, making it visible to the users.
- Step 5: Users can view the upcoming events on their dashboard or a designated events section.
- Step 6: Users can click on an event to view its details, including the description, date, time, venue, and any registration instructions.
- Step 7: Users can express their interest or register for the event, if applicable, through the system.

#### 6. Prospectus:

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- Step 1: The administrator accesses the prospectus management section within the admin dashboard.
- Step 2: They upload the college prospectus document, which contains comprehensive information about the college, courses offered, admission requirements, fees, and other relevant details.
- Step 3: The uploaded prospectus is made available to users, who can access and download it from their dashboard or a dedicated prospectus section.

Step 4: Users can view the prospectus document online or print it for reference.

#### 7. News Alert:

- Step 1: The administrator accesses the news alert management section within the admin dashboard.
- Step 2: They create news alert entries by providing the news title, description, and any additional details.
- Step 3: The administrator may specify the target audience or category for the news alert.
- Step 4: After verification, the news alert is published, and users can view it on their dashboard or a designated news alert section.
- Step 5: Users can click on a news alert to read the complete description and access any related links or documents.

#### 8. About Us:

- Step 1: The administrator accesses the about us management section within the admin dashboard.
- · Step 2: They provide an overview of the college, including its history, mission, vision, values, infrastructure, facilities, and any notable achievements.
- Step 3: The about us section may also include information about the faculty, staff, and governing bodies of the college.

 Step 4: Users can access the about us section to gain insights into the college's background, values, and offerings.

# 9. Student Enquiry Form:

- Step 1: The administrator configures a student enquiry form within the admin dashboard.
- Step 2: The form includes fields for capturing the student's name, contact details, academic interests, and any specific questions or inquiries.
- Step 3: Users, such as prospective students or parents, can access the enquiry form through the college website or a designated section.
- Step 4: After filling out the form, users submit their enquiries or requests.
- Step 5: The system captures the form data and forwards it to the appropriate department or personnel for follow-up.

# 10. Admin Section for Super Admin:

- Step 1: The super admin logs into the system using their super admin credentials.
- Step 2: Within the admin dashboard, the super admin accesses the admin section management area.
- Step 3: The super admin can create and manage admin accounts for other administrators or staff members.
- Step 4: They can assign specific permissions and access levels to each admin account, ensuring appropriate access to system features and modules.

Step 5: The super admin can monitor and manage the activities of other admins, review logs, and perform administrative tasks.

#### 11. Courses Section for Admin:

- · Step 1: The admin logs into the system using their credentials and accesses the admin dashboard.
- Step 2: Within the admin dashboard, the admin navigates to the courses section management area.
- Step 3: The admin can add new courses by providing details such as the course name, code, description, prerequisites, and credit hours.
- Step 4: They can edit or update existing course information, such as course descriptions, prerequisites, or credit hours.
- Step 5: The admin can assign instructors or faculty members to respective courses, ensuring proper course allocation and management.

## 12. Notifications:

The Notification component in the College Management Software project enables administrators to create and manage notifications for users. Notifications can be targeted to specific user groups or individuals and can be scheduled for immediate or future delivery. Users receive notifications through various channels such as email, push notifications, or in-app notifications. They can view and interact with notifications in their dashboard or a dedicated section, accessing important information, links, or documents. The system maintains a notification history for tracking and analysis, improving communication and keeping users informed about updates, events, and deadlines.

# 13. Attendance Management:

- Step 1: Faculty members log into the system using their credentials, gaining access to the faculty dashboard.
- Step 2: Within the faculty dashboard, faculty members navigate to the "Attendance" section.
- Step 3: Faculty members select the option to take attendance for a specific class or course based on their timetable.
- Step 4: In the attendance interface, faculty members see a list of enrolled students for the selected class along with the scheduled date and time.

- Step 5: Faculty members mark the attendance for each student, indicating whether they are present, absent, or late. Some systems may include options for specifying reasons for absences.
- Step 6: The system automatically calculates the attendance percentage for each student based on the total number of classes held and attended.
- Step 7: Faculty members have the option to review and modify attendance records if needed.
- Step 8: After completing the attendance, faculty members can generate attendance reports, including overall class attendance percentages and individual student attendance records.
- Step 9: The system provides a feature to export these reports in a downloadable format, such as PDF or Excel.
- Step 10: Faculty members can submit the attendance reports to the Head of Department (HOD) through the system for review.
- Step 11: The HOD can access an overview of attendance reports for all classes within their department through the admin dashboard.

- · Step 12: The system generates department-wise attendance summaries, highlighting any classes or students with consistently low attendance.
- Step 13: The HOD can receive automated notifications or alerts for critical attendance situations.
- Step 14: The HOD has the authority to take appropriate actions, such as sending notifications to students with low attendance, coordinating with faculty for improvement plans, or escalating issues to higher authorities.

#### Course and Classroom Management: 14.

#### Creating a Course:

Step 1: The Head of Department (HOD) logs into the system using their administrative credentials, accessing the admin dashboard.

Step 2: Within the admin dashboard, the HOD navigates to the "Course Management" section.

Step 3: The HOD selects the option to create a new course, providing details such as the course name, code, description, and relevant department.

Step 4: The HOD may specify prerequisites, credit hours, and any other necessary information related to the course.

Step 5: After verifying the information, the HOD publishes the course, making it available for faculty members and students.

## Creating a Classroom:

Step 1: Faculty members log into the system using their credentials, accessing the faculty dashboard.

Step 2: Within the faculty dashboard, faculty members navigate to the "Classroom Management" section.

**Step 3:** Faculty members select the option to create a new classroom, linking it to a specific course they are teaching.

**Step 4:** Faculty members enter details such as the class name, schedule, and any additional information about the classroom.

**Step 5:** After creating the classroom, the system generates a unique link for the classroom.

# Joining a Classroom:

**Step 1:** Students log into the system using their credentials, accessing the student dashboard.

Step 2: Within the student dashboard, students navigate to the "Join Classroom" section.

**Step 3:** Students enter the unique link provided by the faculty member for the respective classroom.

Step 5: After verifying the information, the HOD publishes the course, making it available for faculty members and students.

## Creating a Classroom:

1777777777777

Step 1: Faculty members log into the system using their credentials, accessing the faculty dashboard.

Step 2: Within the faculty dashboard, faculty members navigate to the "Classroom Management" section.

Step 3: Faculty members select the option to create a new classroom, linking it to a specific course they are teaching.

Step 4: Faculty members enter details such as the class name, schedule, and any additional information about the classroom.

Step 5: After creating the classroom, the system generates a unique link for the classroom.

## Joining a Classroom:

Step 1: Students log into the system using their credentials, accessing the student dashboard.

Step 2: Within the student dashboard, students navigate to the "Join Classroom" section.

Step 3: Students enter the unique link provided by the faculty member for the respective classroom.

**Step 4:** Upon successful verification, students are added to the classroom and gain access to relevant course materials.

# Communication and Assignment Submission:

**Step 1**: Within the classroom, faculty members can post announcements, assignments, notes, and relevant images related to the course.

Step 2: Faculty members have exclusive access to a chat feature within the classroom for communication with students.

Step 3: Students can view announcements, download course materials, and submit assignments within the classroom.

Step 4: The system provides a secure and private communication channel, ensuring that only faculty members have access to the chat feature.

#### Access Control:

**Step 1:** The system ensures that only faculty members have the authority to post announcements, assignments, and engage in chat within the classroom.

Step 2: Students have read-only access to announcements and course materials, with the ability to submit assignments.

# RESULTS AND DISCUSSIONS

#### 1. Overview of Results:

- Provide a brief summary of the implemented components and their functionalities.
- State the objectives or expected outcomes of each component.

# 2. Results of Announcements Component:

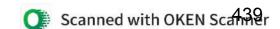
- Present the effectiveness of the announcements feature in disseminating important information to the target audience.
- Discuss the frequency of announcements made and their relevance to the college community.
- Highlight any feedback or response received from the users regarding the announcements.

# 3. Results of Assignments Component:

- Analyze the efficiency of the assignments feature in facilitating assignment management and submission.
- Present statistics on the number of assignments created, submitted, and graded.
- Discuss the effectiveness of the system in providing timely feedback to students and streamlining the grading process.

# 4. Results of Gallery Component:

 Evaluate the usability and engagement of the gallery feature among users.



- Present metrics such as the number of media files uploaded, views, and interactions.
- Discuss user feedback or any notable events or activities documented in the gallery.

## 5. Results of Contact Information Component:

- Assess the usefulness and accessibility of the contact information feature for users.
- Discuss user engagement with the provided contact details, such as phone calls or emails received.
- Highlight any improvements or feedback received regarding the contact information section.

# 6. Results of Upcoming Events Component:

- Evaluate the effectiveness of the upcoming events feature in informing and engaging users.
- Present data on the number of events created, registrations, and user participation.
- Discuss user feedback or suggestions for enhancing the event management system.

# 7. Results of Prospectus Component:

- Analyze the usage and accessibility of the prospectus feature among prospective students.
- Discuss the number of downloads or views of the prospectus document.
- Highlight any feedback or improvements suggested by users regarding the prospectus section.

# 8. Results of News Alert Component:

- Assess the relevance and impact of the news alert feature in keeping users informed.
- Present data on the number of news alerts created, views, and user engagement.
- Discuss user feedback or any significant events or news covered through the news alert section.

# 9. Results of About Us Component:

- Evaluate the effectiveness of the about us section in providing relevant information about the college.
- Discuss user engagement with the about us content and any feedback received.
- Highlight any improvements or updates made to the about us section based on user suggestions.

# 10. Results of Student Enquiry Form Component:

- Analyze the usage and effectiveness of the student enquiry form in capturing inquiries and requests.
- Discuss the number of form submissions, types of inquiries received, and response times.
- Highlight any improvements or enhancements made to the enquiry form based on user feedback.

# 11. Results of Admin Section for Super Admin and Courses Section for Admin:

- Assess the functionality and efficiency of the admin sections in managing user accounts and courses.
- Discuss the ease of account creation, permission management, and course allocation.

Present any challenges or user feedback related to the admin sections and any improvements made.

# 12.

- Provide a comprehensive analysis and interpretation of the results obtained for each component.
- Discuss the strengths and weaknesses of the implemented
- Identify any patterns, trends, or correlations observed in
- Compare the achieved outcomes with the initial objectives and discuss the degree of success in meeting those objectives.

# USE CASES

# 1. User Registration and Login:

Use Case: A prospective student wants to access the features and resources provided by the college software. They register for an account by providing their personal details and create a username and password. They then log in to the system to access their personalized dashboard and utilize the available functionalities.

# 2. Announcements Viewing and Interaction:

Use Case: A student logs into the college software and navigates to the announcements section. They view the latest announcements posted by the college administration, such as examination schedules, campus events, or important deadlines. The student can interact with the announcements by liking, commenting, or sharing them with their peers.

# 3. Assignment Submission and Grading:

 Use Case: A faculty member accesses the college software and creates an assignment for a specific course. Students enrolled in that course log in to the system, view the assignment details, and submit their work online. The faculty member reviews and grades the submissions through the software, providing feedback and scores to the students.

# 4. Gallery Browsing and Media Upload:

 Use Case: A student wants to explore the college's photo gallery. They access the gallery section in the software and browse through the collection of images from various events and activities. The student can also upload their own photos to share with the college community, such as pictures from college trips or extracurricular events.

# 5. Contact Information and Communication:

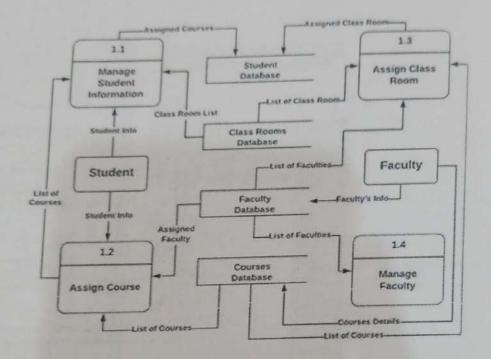
 Use Case: A parent wants to contact a specific department in the college. They access the contact information section in the software, find the relevant department's contact details, and reach out via phone or email. The parent can also use the software to send messages or inquiries to the department, receiving responses and updates through the system.

# 6. Event Registration and Attendance Tracking:

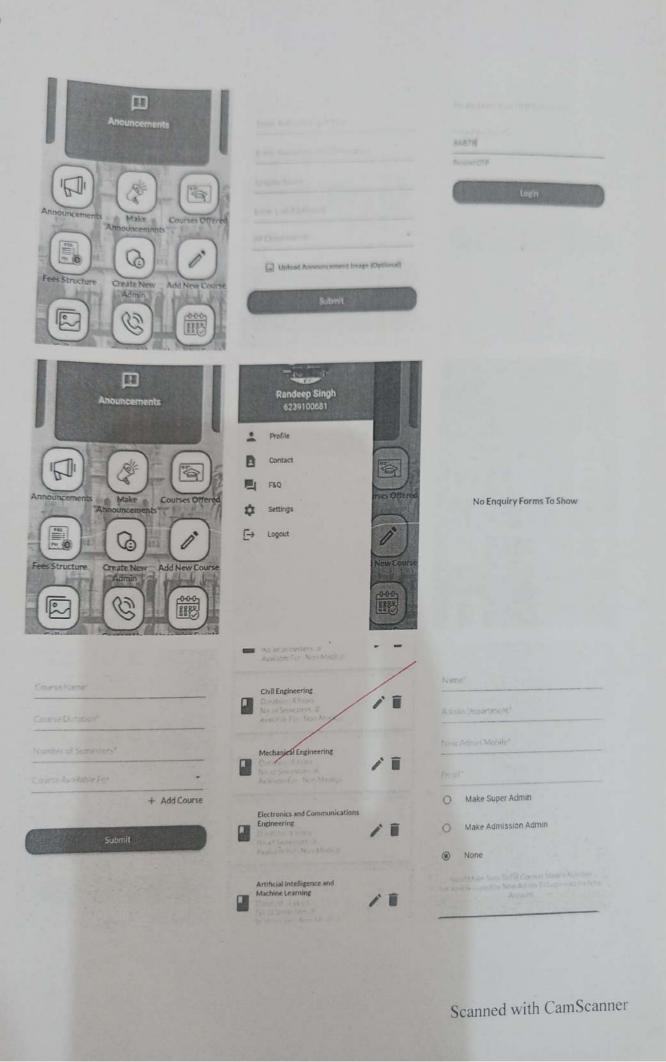
 Use Case: A student is interested in attending a college event. They log into the software, navigate to the events section, and register for the event. The software records their registration and provides event details. On the day of the event, the student checks in through the software to mark their attendance.

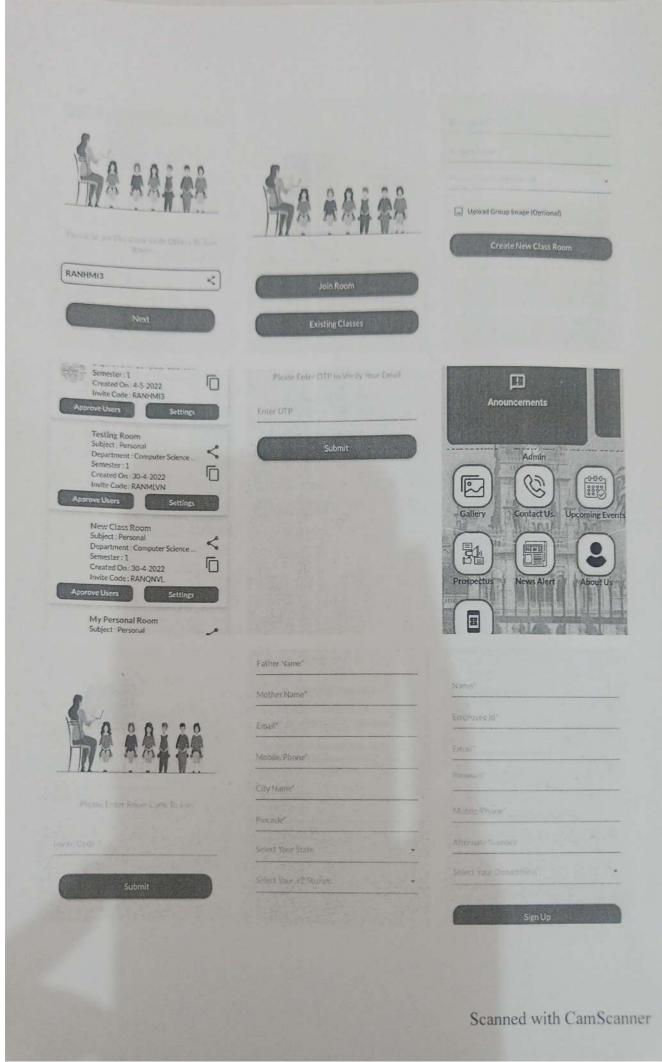
# ER DIAGRAM Roles course registration student Page. 42 Scanned with CamScanner

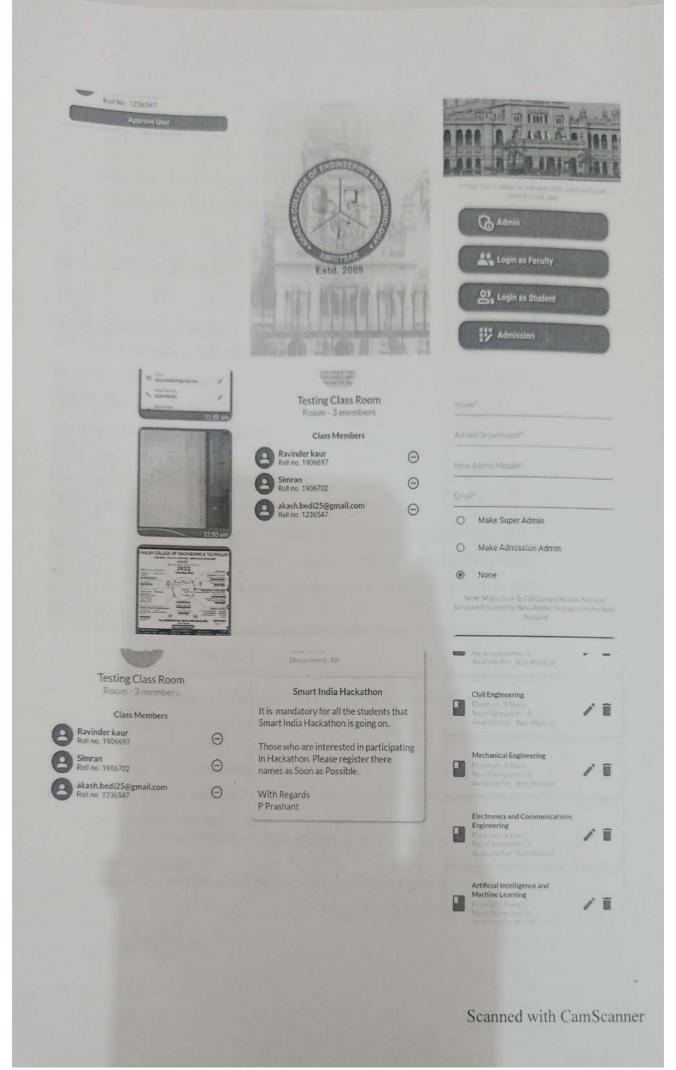
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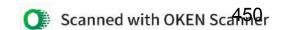


# **APPENDIX**

Here are some sections of the source code that helps you to understand the Architecture of the college management system

Backend:-index.js

```
// Import Express
    const express = require("express");
    // Init to use Express
   const app = express();
   // Port to listen on Server
   const port = process.env.PORT ||3000 ;
   const cors = require("cors");
   const bodyParser = require("body-parser");
  const adminAuth = require("./routers/authentication/admin_route");
  const teacherAuth = require("./routers/authentication/teacher_route");
  const studentAuth = require("./routers/authentication/student_route");
  const admissionAuth =
  require("./routers/authentication/admission_section_route");
 const studentRelatedApi =
 require("./routers/student_related_routes/student_related_apis");
 const saveFcmToken = require("./routers/common_routes/set_fcm_token");
 const uploadFile= require("./helper/uploads");
const sendEmail=
require("./routers/common_routes/send_email_verification_otp");
const courses= require("./routers/common_routes/college_courses");
const announcements=
require("./routers/common_routes/announcements_route");
const classRooms=
require("./routers/class_rooms_routes/class_room_routes");
```

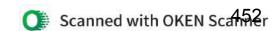


```
const roomMessages=
     require("./routers/class_rooms_routes/room_chat_route");
     const connectAuthenticationDB = require("./helper/db_connection/dbc_conn");
     const wbm = require("wbm");
    // For parsing data in api
    app.use(cors());
    app.use(bodyParser.urlencoded({extended:true}));
    app.use(bodyParser.json());
    app.use(express.json());
   app.use("/api/upload",uploadFile);
   app.use("/api/admin/auth",adminAuth);
   app.use("/files",express.static("uploads/files"))
  app.use("/api/teacher/auth", teacherAuth);
  app.use("/api/student/auth", studentAuth);
  app.use("/api/admission/auth",admissionAuth);
  app.use("/api/student",studentRelatedApi);
  app.use("/api/saveToken", saveFcmToken);
 app.use("/api/announcements",announcements);
 app.use("/api",courses);
 app.use("/api/sendEmail",sendEmail);
app.use("/api/classRoom",classRooms);
app.use("/api/room", roomMessages);
app.listen(port,()=>{
    console.log(`Server Started at Port ${port}`);
});
```

#### Frontend:-

· Flutter:- main.dart

```
import 'package:firebase_core/firebase_core.dart';
      import 'package:firebase_messaging/firebase_messaging.dart';
     import 'package:flutter/material.dart';
     import 'package:flutter/services.dart';
     import 'package:flutter_file_view/flutter_file_view.dart';
     import 'package:flutter_localizations/flutter_localizations.dart';
    import 'package:flutter_screenutil/flutter_screenutil.dart';
    import 'package:get/get_navigation/src/root/get_material_app.dart';
    import 'package:kcet_app/constants/constants.dart';
    import 'package:kcet_app/ui_pages/splash/splash_screen.dart';
   Future<void> firebaseBackgroundHandler(RemoteMessage message) async {
     print(message.notification!.title);
    print(message.notification!.body);
  Future<void> main() async {
   WidgetsFlutterBinding.ensureInitialized();
   await Firebase.initializeApp();
   FirebaseMessaging.onBackgroundMessage(firebaseBackgroundHandler);
   runApp(const MyApp());
class MyApp extends StatefulWidget {
 const MyApp({Key? key}) : super(key: key);
 Doverride
```

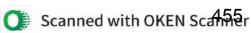


```
State<MyApp> createState() => _MyAppState();
    class _MyAppState extends State<MyApp> {
      Doverride
      Widget build(BuildContext context) {
        SystemChrome.setSystemUIOverlayStyle(
           SystemUiOverlayStyle(statusBarColor: Constants.instance.teal));
       return ScreenUtilInit(
           minTextAdapt: true,
           builder: () {
             return const GetMaterialApp(
                 localizationsDelegates: <LocalizationsDelegate<dynamic>>[
                   GlobalMaterialLocalizations.delegate,
                  GlobalWidgetsLocalizations.delegate,
                  GlobalCupertinoLocalizations.delegate,
                  ViewerLocalizationsDelegate.delegate,
                ],
                themeMode: ThemeMode.light,
                debugShowCheckedModeBanner: false,
                home: SplashScreen());
         });
// login_db passowrd iO@l?y9M!W|n/OHt
// login_db passowrd h9LWp*p6A[XMIj2n
```

• React:- app.js

```
import "./App.css";
 import Home from "./pages/home/Home";
 import List from "./pages/list/List";
 import Login from "./pages/login/Login";
import New from "./pages/new/New";
import Single from "./pages/single/Single";
import { BrowserRouter, Routes, Route } from "react-router-dom";
import AddCourse from "./pages/courses/AddCourse";
function App() {
 return (
   <BrowserRouter>
     <Routes>
       <Route path="/">
         <Route index element={<Home />} />
         <Route path="login" element={<Login />} />
         <Route path="users">
          <Route index element={<List />} />
          <Route path=":userId" element={<Single />} />
          <Route path="new" element={<New />} />
        </Route>
        <Route path="products">
          <Route index element={<List />} />
          <Route path=":productId" element={<Single />} />
          <Route path="new" element={<New />} />
        </Route>
     </Route>
     <Route path="/addcourse" element={<AddCourse />} />
```

```
</Routes>
   </BrowserRouter>
 );
export default App;
                                                  Scanned with CamScanner
```



# DEPARTMENT OF CIVIL ENGINEERING PROJECT ALLOTMENT DETAIL

7<sup>th</sup> Semester (2020-24)

S.N O	UNIV.REG. NO	STUDENT NAME	PROJECT TITLE	FACULTY ALLOCATED
1	2005508	Ajay Singh	Permeable Concrete	Er.Sameeksha Joshi Er.Harmeet Singh Chawla
2	2005515	Parmindergurpal Singh		
3	2005516	SukhmaniSingh		
4	2005512	Jaideep Singh	Rescheduling Of project using BIM model and primavera	Er.Ravinder Kaur Er.Mansi Mahajan
5	2005513	Karan Bhagat		
6	2005517	Tarundeep Singh		
7	2005514	Kiratjit Singh		
8	2005510	Atul sharma	Smart Forest	Er.Akarshan Uppal
9	2005511	Charanjitsingh		

Danuleto 12/8/23.

For (CE)

#### A PROJECT ON PERVIOUS CONCRETE

# BACHELOR OF TECHNOLOGY IN CIVIL ENGINEERING



# SUBMITTED BY -AJAY SINGH UNIVERSITY REGISTRATION NO- 2005508

UNDER THE ESTEEMED GUIDANCE OF ER. HARMEET SINGH CHAWALA (ASSISTANT PROFESSOR)

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C- BLOCK, RANJIT AVENUE
AMRITSAR

I.K. GUJARAL PUNJAB TECHNICAL UNIVERSITY KAPURTHALA NOV 2023

5



## A PROJECT ON SMART FOREST

# BACHELOR OF TECHNOLOGY IN CIVIL ENGINEERING



# SUBMITTED BY – ATUL SHARMA UNIVERSITY REGISTRATION NO- 2005510

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Head
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Amritsar

## A PROJECT ON SMART FOREST

# BACHELOR OF TECHNOLOGY IN CIVIL ENGINEERING



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50-

# A PROJECT ON DELAYS AND RESCHEDULING THE DELAYS USING CAD AND PRIMAVERA

# BACHELOR OF TECHNOLOGY IN CIVIL ENGINEERING



# SUBMITTED BY –JAIDEEP SINGH UNIVERSITY REGISTRATION NO- 2005512

UNDER THE ESTEEMED GUIDANCE OF ER. RAVINDER KAUR (ASSISTANT PROFESSOR)

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# A PROJECT ON DELAYS AND RESCHEDULING THE DELAYS USING CAD AND PRIMAVERA

# BACHELOR OF TECHNOLOGY IN CIVIL ENGINEERING



# SUBMITTED BY –KARAN BHAGAT UNIVERSITY REGISTRATION NO- 2005513

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## A PROJECT ON SMART FOREST

# BACHELOR OF TECHNOLOGY IN CIVIL ENGINEERING



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I.K. GUJARAL PUNJAB TECHNICAL UNIVERSITY KAPURTHALA NOV 2023

50-



## A PROJECT ON PERVIOUS CONCRETE

# BACHELOR OF TECHNOLOGY IN CIVIL ENGINEERING



# SUBMITTED BY -PARMINDERGURPAL SINGH UNIVERSITY REGISTRATION NO- 2005515

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AMRITSAR

I.K. GUJARAL PUNJAB TECHNICAL UNIVERSITY KAPURTHALA NOV 2023

Sain

#### A PROJECT ON PERVIOUS CONCRETE

# BACHELOR OF TECHNOLOGY IN CIVIL ENGINEERING



# SUBMITTED BY –SUKHMANI SINGH UNIVERSITY REGISTRATION NO- 2005516

UNDER THE ESTEEMED GUIDANCE OF ER. HARMEET SINGH CHAWALA (ASSISTANT PROFESSOR)

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AMRITSAR

I.K. GUJARAL PUNJAB TECHNICAL UNIVERSITY KAPURTHALA NOV 2023

Sail

# A PROJECT ON DELAYS AND RESCHEDULING THE DELAYS USING CAD AND PRIMAVERA

# BACHELOR OF TECHNOLOGY IN CIVIL ENGINEERING



# SUBMITTED BY - TARUNDEEP SINGH UNIVERSITY REGISTRATION NO- 2005517

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I.K. GUJARAL PUNJAB TECHNICAL UNIVERSITY KAPURTHALA NOV 2023

Khalsa College Of Engineering and Technology C Block Ranjit Avenue, 143001, Amritsar, Punjab



PROJECT REPORT

ON

QUADCOPTER (DRONE)

Submitted in Partial Fulfillment for The Award of

**BACHELOR OF TECHMOLOGY** 

IN

ELECTRONICS AND COMMUNICATION ENGINEERING

SUBMITTED TO

Khalsa College Of Engineering and Technology

Submitted By

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Name: Shubham Raj

Roll No.: 2005548

Guided By

Mr. Jasdeep Singh

Professor (ECE Department)

# 

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### Acknowledgement

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Expected Outcomes:

0

Khalsa College Of Engineering and Technology C Block Ranjit Avenue, 143001, Amritsar, Punjab



PROJECT REPORT

ON

QUADCOPTER (DRONE)

Submitted in Partial Fulfillment for The Award of

BACHELOR OF TECHMOLOGY

IN

**ELECTRONICS AND COMMUNICATION ENGINEERING** 

SUBMITTED TO

Khalsa College Of Engineering and Technology

Submitted By

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Roll No.: 2005547

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Professor (ECE Department)

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**Expected Outcomes:** 

# Khalsa College Of Engineering and Technology C Block Ranjit Avenue, 143001, Amritsar, Punjab



PROJECT REPORT

ON

QUADCOPTER (DRONE)

Submitted in Partial Fulfillment for The Award of

**BACHELOR OF TECHMOLOGY** 

IN

# ELECTRONICS AND COMMUNICATION ENGINEERING

SUBMITTED TO

Khalsa College Of Engineering and Technology

Submitted By

Name: Muskan.

Roll No.: 2005545

Guided By

Mr. Jasdeep Singh

Professor (ECE Department)

# Table Of Contents: Abstract: 4 CHAPTER I......5 Literature Survey \_\_\_\_\_\_6 CHAPTER 3 ......7 CHAPTER 4 .....8 METHODOLOGY......8 3. Forwards and Sideways......9 STEP-BY-STEP INSTRUCTIONS ......11 STEP 2: PROPELLERS, ELECTRONIC SPEED CONTROLLERS, AND MOTORS ......12 STEP 6: FLIGHT CONTROLLER ......14 STEP 8: MOUNT THE FLIGHT CONTROLLER......15 Result and Application......16 CHAPTER 7 ......17

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Khalsa College Of Engineering and Technology C Block Ranjit Avenue, 143001, Amritsar, Punjab



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QUADCOPTER (DRONE)

Submitted in Partial Fulfillment for The Award of

**BACHELOR OF TECHMOLOGY** 

IN

**ELECTRONICS AND COMMUNICATION ENGINEERING** 

SUBMITTED TO

Khalsa College Of Engineering and Technology

Submitted By

Name: Rayees Ahmad Shah

Roll No.: 2005546

Guided By

Mr. Jasdeep Singh

Professor (ECE Department)

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# Khalsa College Of Engineering and Technology C Block Ranjit Avenue, 143001, Amritsar, Punjab



PROJECT REPORT

ON

QUADCOPTER (DRONE)

Submitted in Partial Fulfillment for The Award of

**BACHELOR OF TECHMOLOGY** 

IN

### **ELECTRONICS AND COMMUNICATION ENGINEERING**

SUBMITTED TO

Khalsa College Of Engineering and Technology

Submitted By

Name: Simranjit Singh

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Guided By

Mr. Jasdeep Singh

Professor (ECE Department)

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Expected Outcomes:



MECHANICAL ENGINEERING DEPARTMENT

Subject Name: Major Project

Subject Code: BTME-704-18

Semester: 7th (Session: July-Dec 2023)

S. No	Roll. No	Name of Students		
1	2005550	Deepak Kumar Kar	Electrical Wheel Chair	
2	2005552	Gurleen Singh		
3	2005553	Karanjeet Singh		
4	2005555	Mahipal Singh		
5	2005556	Puneet Kumar	Jet Propulsion Engine	

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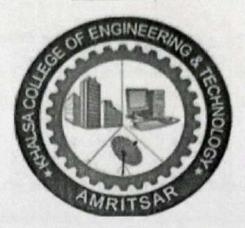
Ph. 0183-5030765.5030760

(Dr. Sandeep Devgan)

HOD (Mechanical Engineering)

Head Mechanical Engg. Deptt. Khalsa College of Engg.& Technology Amritsar

# Khalsa Colleg of Engineering & Technology, **Amritsar**



# Major Project Report (BTME 704-18)

On

Jet Propulsion Engine

Submitted in Partial fulfillment for the award of

BACHELOR OF TECHNOLOGY

in

**Mechanical Engineering** 

7th Semester (SESSION: July-Dec 2023)

Submitted by:

. . . . . . . . . . . . .

Guided by:

Mahipal Singh (2005555)

Er. Vinod Mahajan

Puneet Kumar (2005556)

Associate Professor (ME)

Amritsar

### Abstract

The Jet Propulsion Engine project focuses on designing and understanding the working principles of a jet engine, which powers aircraft by generating thrust through the expulsion of high-speed exhaust gases. This project aims to explore the fundamental concepts of jet propulsion, including the thermodynamic processes involved in air compression, combustion, and exhaust acceleration.

Using a model jet engine, the project investigates the four main stages: intake, compression, combustion, and exhaust, demonstrating how air is compressed, mixed with fuel, ignited, and then expelled to create thrust. The design incorporates critical components like compressors, turbines, and nozzles, replicating the real-world functionality of jet engines used in aviation.

The project highlights the efficiency of jet propulsion in high-speed, long-distance travel and discusses the key factors influencing engine performance, such as fuel efficiency, airspeed, and temperature control. Potential improvements, such as noise reduction and fuel alternatives, are also examined. The results offer valuable insights into modern aerospace engineering and future advancements in propulsion technologies.

VIHOP MAHADAH

( GUIDED BY)

Head Mechanical Engg. Deptt. Khalsa College of Engg.& Technology Amritsar

# Khalsa Colleg of Engineering & Technology, Amritsar



# Major Project Report (BTME 704-18)

On

**Electrical Wheel Chair** 

Submitted in Partial fulfillment for the award of

# BACHELOR OF TECHNOLOGY

in

Mechanical Engineering

7<sup>th</sup> Semester (SESSION: July-Dec 2023)

Submitted by:

Deepak Kumar Kar (2005550)

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### Abstract

The Electrical Wheelchair project aims to develop a motorized, user-friendly wheelchair that provides enhanced mobility and independence for individuals with physical disabilities. The project focuses on designing a wheelchair that operates using electric motors powered by rechargeable batteries, controlled through a joystick or other input mechanisms.

Key features include smooth maneuverability, adjustable speed, and the ability to navigate various terrains. Safety mechanisms such as automatic braking, obstacle detection sensors, and stability control are integrated

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MECHANICAL ENGINEERING DEPARTMENT

Subject Name: Minor Project

Subject Code: BTME-608-18

Semester: 6th (Session: Jan-May, 2024)

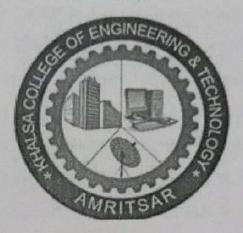
S. No	Roll. No	Name of Students	Name of Project
1	2105415	Harish Kumar	Automatic Floor dust cleaner
2	2105417	Princepal Singh	
3	2105418	Ritik Singh	
4	2105419	Sanjot Singh	
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# Khalsa Colleg of Engineering & Technology, **Amritsar**



# Minor Project Report (BTME 608-18)

On

**Automatic Floor Dust Cleaner** 

Submitted in Partial fulfillment for the award of

### BACHELOR OF TECHNOLOGY

in

**Mechanical Engineering** 

7<sup>th</sup> Semester (SESSION: Jan-May 2024)

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### Abstract

The "Automatic Dust Cleaner" is a smart device designed to autonomously clean dust and small debris from various surfaces. This project aims to develop a compact, efficient cleaning system that uses sensors to detect dust and automate the cleaning process. The system employs a microcontroller, dust sensors, and motorized cleaning components like brushes or vacuum mechanisms. It is powered by a rechargeable battery, ensuring portability and ease of use. The device navigates across surfaces, detecting and cleaning dust without manual intervention. This project addresses the challenge of maintaining cleanliness in homes, offices, and other environments, providing a convenient, automated solution. The prototype successfully demonstrates the ability to detect and clean dust from a variety of surfaces, with potential future enhancements including improved navigation and smartphone control.

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