

No:ATAL/2020/1597901000



## ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Nelson Mandela Marg, Vasant Kunj, New Delhi – 110 070

### AICTE Training And Learning (ATAL) Academy

#### Certificate

This is certified that **Jagdeep Singh, Research Scholar** of **Netaji Subhas Institute of Technology, University of Delhi, New Delhi** participated & completed successfully AICTE Training And Learning (ATAL) Academy **Online FDP** on "**Cyber Security**" from **2020-10-5** to **2020-10-9** at **Kamla Nehru Institute of Technology**.

Director ATAL Academies



Coordinator



संत लॉगोवाल अभियांत्रिकी एवं प्रौद्योगिकी संस्थान  
SANT LONGOWAL INSTITUTE OF ENGINEERING AND TECHNOLOGY

संत लॉगोवाल इंस्टीट्यूट ऑफ इंजीनियरिंग एंड टेक्नॉलॉजी  
Longowal - 148106, Sangrur (Punjab) India

राष्ट्रीय प्रौद्योगिकी संस्थान,



National Institute of Technology.

### CERTIFICATE OF APPRECIATION

This is to certify that Er. Jaspal Singh of Department of Computer Science & Engineering, Sant Longowal Institute of Engineering and Technology, Longowal has delivered an expert talk on the topic "Internet Applications" on 27<sup>th</sup> August 2020 in the TEQIP-III sponsored Online One Week Staff Development Program (SDP) on "Office Automation" jointly organized by Department of Computer Science and Engineering, SLIET, Longowal and NIT Uttarakhand during 24<sup>th</sup> - 28<sup>th</sup>, August 2020.

Prof. Manoj Sachan  
Convenor  
SLIET, Longowal

Dr. Krishan Kumar  
Convenor  
NIT Uttarakhand



TRAINING | DEVELOPMENT | PLACEMENT

www.cetpainfotech.com

# CERTIFICATE

## OF PARTICIPATION

This is to certify that

Mr./Ms.....Jatinder Pal Singh.....has

Successfully Participated in.....WORKSHOP.....

on..MACHINE LEARNING...held on.04./16./2020.

at..SIJET Longowal.....

Mr. Sanyam Dixit

Branch Manager

CETPA INFOTECH PVT. LTD.

Partners:







TEQIP III



**Online Short-Term Training Programme**  
**On**  
**Recent Advances in Artificial Intelligence**  
**CERTIFICATE OF PARTICIPATION**

This is to certify that, Mr./Ms./Mrs./Dr./Prof. Jatinder Pal Singh  
of SLIET Longowal has participated in the five  
days online short term training programme on **Recent Advances in Artificial Intelligence** sponsored  
by TEQIP-III and jointly organized by NIT Uttarakhand and SLIET Longowal from 27-31, July 2020.

Surendra Singh  
Coordinator  
NIT Uttarakhand

Dr. Parveen Kumar  
Coordinator  
NIT Uttarakhand

Dr. Vinod Kumar Verma  
Coordinator  
SLIET Longowal

Prof. Manoj Sachan  
Convener  
SLIET Longowal

Dr. Krishan Kumar  
Convener  
NIT Uttarakhand

# MICROSOFT<sup>®</sup> CERTIFICATE OF Achievement

This certificate accredits that

**Dr Manoj Kumar Sachan**



has successfully participated in **2 Days Workshop (Online)** on  
**Analytical Application using Machine Learning**  
held on **11<sup>th</sup> & 12<sup>th</sup> April, 2020.**



Handwritten signature of Satya Nadella in blue ink.

Satya Nadella  
Chief Executive Officer

Handwritten signature of Anil Singh in blue ink.

Anil Singh  
Microsoft Certified Trainer





संत लॉंगोवाल अभियांत्रिकी एवं प्रौद्योगिकी संस्थान  
Sant Longowal Institute of Engineering & Technology



(Centrally Funded Technical Institute)

(Deemed to be University under Ministry of Education, Government of India)

LONGOWAL 148106 DISTT. SANGRUR (Punjab) INDIA

*Certificate of Participation*

*Margdarshan - 2019*

This is to certify that Dr. Major Singh  
of SLIET, Longowal, Sangrur  
participated in one week online Faculty Development Program on "OBE Implementation : A Step Towards Excellence" under *Margdarshan - 2019, scheme of AICTE*, organized by Sant Longowal Institute of Engineering and Technology, Longowal, Punjab, during October 19<sup>th</sup> - 24<sup>th</sup>, 2020.

  
Chief Co-ordinator  
(Prof. Ajat Shatru Arora)

  
Director & Patron  
(Prof. Shailendra Jain)





TEQIP III



## Online Short-Term Training Programme

On

### Recent Advances in Artificial Intelligence

CERTIFICATE OF PARTICIPATION

This is to certify that, Mr./Ms./Mrs./Dr./Prof. Dr. Manminder Singh

of Sant Longowal Institute Of Engineering And Technology has participated in the five days online short term training programme on **Recent Advances in Artificial Intelligence** sponsored by TEQIP-III and jointly organized by NIT Uttarakhand and SLIET Longowal from 27-31, July 2020.

Surendra Singh  
Coordinator  
NIT Uttarakhand

Dr. Parveen Kumar  
Coordinator  
NIT Uttarakhand

Dr. Vinod Kumar Verma  
Coordinator  
SLIET Longowal

Prof. Manoj Sachan  
Convener  
SLIET Longowal

Dr. Krishan Kumar  
Convener  
NIT Uttarakhand



No: ATAL/2020/1599743750

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Nelson Mandela Marg, Vasant Kunj, New Delhi - 110 070

**AICTE Training And Learning (ATAL) Academy**

**Certificate**

This is certified that Mamminder Singh, Assistant Professor of SLIET participated & completed successfully AICTE Training And Learning (ATAL) Academy Online EDP on "Augmented Reality (AR)/ Virtual Reality (VR)" from 2020-11-23 to 2020-11-27 at Guru Nanak Dev Engineering College, Ludhiana.

*Mamminder Singh*

Director ATAL Academies



*M. D.*

Coordinator





**TEQIP - III  
sponsored  
STTP  
on  
PLC, Drives  
and Industrial  
Automation**

**2<sup>nd</sup> - 6<sup>th</sup> March 2020**

**SANT LONGOWAL INSTITUTE OF ENGINEERING & TECHNOLOGY**

**(Deemed to be University, CFTI under MHRD, Govt. of India)**

**Longowal-148106, Distt. Sangrur (Punjab), India**

**Certificate of Participation**

This is to certify that Dr./Mr./Ms. ....**MANMINDER SINGH**.....

..... has attended TEQIP - III sponsored STTP on  
"PLC, Drives and Industrial Automation" organised jointly by Department of EIE & ECE  
held at Sant Longowal Institute of Engineering and Technology, Longowal during  
2<sup>nd</sup> - 6<sup>th</sup>, March, 2020.

*Ray Kumar*  
Coordinator

*Q.V*  
Coordinator

*Manpreet*  
Coordinator



TRAINING | DEVELOPMENT | PLACEMENT

www.cetpainfotech.com

# CERTIFICATE

## OF PARTICIPATION

This is to certify that

Mr./Ms.....Manoj Sachan.....has

Successfully Participated in.....WORKSHOP.....

on..MACHINE LEARNING...held on.04./16./2020.

at..SIJET Longowal.....

Mr. Sanyam Dixit

Branch Manager

CETPA INFOTECH PVT. LTD.

Partners:



No:ATAL/2020/1607509383



## ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Nelson Mandela Marg, Vasant Kunj, New Delhi – 110 070

### AICTE Training And Learning (ATAL) Academy

#### Certificate

This is certified that **Tajinder Singh, Assistant Professor** of **SLIET Sangrur** participated & completed successfully AICTE Training And Learning (ATAL) Academy **Online** FDP on "**Data Sciences**" from **2020-12-15** to **2020-12-19** at **NIT Mizoram**.

Director ATAL Academies



Coordinator





TEQIP III



**Online Short-Term Training Programme**  
**On**  
**Recent Advances in Artificial Intelligence**  
**CERTIFICATE OF PARTICIPATION**

is to certify that, Mr./Ms./Mrs./Dr./Prof. Navneet Garg

**SLIET Longowal**

has participated in the

online short term training programme on **Recent Advances in Artificial Intelligence** spons

EQIP-III and jointly organized by NIT Uttarakhand and SLIET Longowal from 27-31, July 2020.

**Harendra Singh**  
**Coordinator**  
**NIT Uttarakhand**

**Dr. Parveen Kumar**  
**Coordinator**  
**NIT Uttarakhand**

**Dr. Vinod Kumar Verma**  
**Coordinator**  
**SLIET Longowal**

**Prof. Manoj Sachan**  
**Convener**  
**SLIET Longowal**

**Dr. Krishan Kumar**  
**Convener**  
**NIT Uttarakhand**



# Government College of Engineering Karad

(An Autonomous Institute of Government of Maharashtra)

Vidyanagar, Karad Dist. Satara Maharashtra PIN-415124 India

Phone: 02164-272414, 272415

www.gcekarad.ac.in

E-Mail: principal@gcekarad.ac.in

## Certificate

*This is to certify that*

*Birmohan Singh, Professor*

*from Sant Longowal Institute of Engineering and Technology Longowal*

*has participated & successfully completed Online One Week FDP on*

*“Computational Tools and Techniques: MATLAB, ANSYS”*

*sponsored by*

*Technical Education Quality Improvement Programme (TEQIP III)*

*Jointly Organised by*

*Government College of Engineering, Karad, MS*

*and*

*Rajkiya Engineering College, Azamgarh, UP*

*During 27<sup>th</sup> April to 1<sup>st</sup> May, 2020.*

Dr. Suhas Deshmukh  
Coordinator

Dr. U. V. Patil  
Co-Coordinator

Dr. R. K. Shrivastava  
HOD Mech,  
GCE, Karad

Dr. P. M. Joshi  
HOD Elec,  
GCE, Karad

Mr. Vijay Kumar  
HOD Mech,  
REC, Azamgarh

Digitally signed by  
PISE ASHOK  
TUKARAM  
Date: 2020.05.02  
20:22:16 +05'30'

Dr. Ashok T. Pise  
Principal,  
GCE Karad



Certificate No: ICT-25477/20

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

MINISTRY OF HUMAN RESOURCE DEVELOPMENT, GOVERNMENT OF INDIA

**Certificate**

*This is to certify that*

**BIRMOHAN SINGH**

**SANT LONGOWAL INSTITUTE OF ENGINEERING AND TECHNOLOGY,  
LONGOWAL  
PUNJAB**

*Participated in the Online AICTE Recognized Faculty Development Programme*

on

**Data Science using R**

from

**11-05-20 to 15-05-20 (One Week)**

*Organized by*

**Computer Science and Engineering Department**

**NITTTR, Chandigarh**



  
**Coordinator**

  
**Director**





Certificate No: ICT-373/20

# National Institute of Technical Teachers Training and Research Chandigarh

MINISTRY OF HUMAN RESOURCE DEVELOPMENT, GOVERNMENT OF INDIA

## Certificate



*This is to certify that*

**BIRMOHAN SINGH**

**SANT LONGOWAL INSTITUTE OF ENGINEERING AND TECHNOLOGY,  
LONGOWAL  
PUNJAB**

*Participated in the AICTE Recognized Faculty Development Programme*

**on**

**Neural Network and CNN**

*Conducted by*

**Curriculum Development Centre Department**

**from**

**14-04-20 to 18-04-20 (One Week)**

**at**

**NITTTR, Chandigarh**



**Coordinator**

**Director**



Certificate No: ICT-22180/20

# National Institute of Technical Teachers Training and Research Chandigarh

MINISTRY OF HUMAN RESOURCE DEVELOPMENT, GOVERNMENT OF INDIA

## Certificate

*This is to certify that*

**BIRMOHAN SINGH**

**SANT LONGOWAL INSTITUTE OF ENGINEERING AND TECHNOLOGY,  
LONGOWAL  
PUNJAB**

*Participated in the Online AICTE Recognized Faculty Development Programme*

**on**

**Operational Research - An Introduction**

**from**

**20-04-20 to 24-04-20 (One Week)**

*Organized by*

**Applied Science Department**

**NITTTR, Chandigarh**



  
**Coordinator**

  
**Director**

No:ATAL/2020/1004301



## ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Nelson Mandela Marg, Vasant Kunj, New Delhi – 110 070

### AICTE Training And Learning (ATAL) Academy

### Certificate

This to be certified that **BIRMOHAN SINGH** participated & completed successfully AICTE Training And Learning (ATAL) Academy **Online FDP on "Quantum Computing"** from **15-06-2020** to **19-06-2020** at **NATIONAL INSTITUTE OF TECHNICAL TEACHERS TRAINING AND RESEARCH, CHANDIGARH.**

Director ATAL Academies



Coordinator



No: ATAL/2021/1629458601



## ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Nelson Mandela Marg, Vasant Kunj, New Delhi – 110 070

### AICTE Training and Learning (ATAL) Academy

# *Certificate*

This is certified that **Tajinder Singh**, Assistant Professor of **SLIET Sangrur** participated & completed successfully AICTE Training And Learning (ATAL) Academy **Online Elementary FDP** on "**Artificial Intelligence**" from **20/09/2021** to **24/09/2021** at **University College of Engineering & Technology**.

Advisor-I, ATAL Academy  
Manta Rani Agarwal



Coordinator



**ALL INDIA COUNCIL FOR TECHNICAL EDUCATION**  
**NELSON MANDELA MARG, VASANT KUNJ, NEW DELHI**

*Certificate of Participation*

This is to certify that **Dr. Manoj Kumar Sachan** from **SLIET Longowal, Sangrur** has participated and successfully completed the 7-days “**Faculty Development Program for Student Induction (FDP-SI)**” during **4-10 January, 2020** at **Sant Longowal Institute of Engineering and Technology SLIET, Longowal, Sangrur** organized by **All India Council for Technical Education(AICTE)**.

**Dr. Rajneesh Arora**  
**Chairman**  
**National Coordination Committee for Induction Program**

**Prof. Rajive Kumar**  
**Member Secretary, AICTE**

# AICTE - QIP

Sponsored  
Online Short Term Course (One Week)

on

## Recent Advances in Affordable & Clean Energy (RAACE-2020): A Roadmap to SDG7

### *Certificate of Participation*

This is to certify that **Dr./Mr./Ms. VINOD KUMAR VERMA** of **SLIET, LONGOWAL** from **SANGRUR, PUNJAB** participated in online STC on "RAACE-2020: A Roadmap to SDG7" sponsored by **AICTE-QIP** and organized by Department of Electrical and Instrumentation Engineering, SLIET, Longowal, Punjab during 14 – 19 September, 2020.



Dr. Manpreet Singh Manna  
Assoc. Prof, SLIET Longowal  
(Coordinator)



Dr. Sanjay Marwaha  
Head EIE, SLIET Longowal  
(Chairman)



Dr. Charanjiv Gupta  
Assoc. Prof, SLIET Longowal  
(Coordinator)







# TEQIP III



Online Short Term Training Program on

## Intelligent Systems and Networks (ISN-2020)

31 Aug – 04 Sep 2020

### CERTIFICATE OF PARTICIPATION

This is to certify that **Dr. Vinod Kumar Verma** of SLIET Longowal has participated in Five days Online Short Term Training Program on “**Intelligent Systems and Networks (ISN-2020)**” sponsored by TEQIP-III under Twinning activities and jointly organized by Department of Electronics Engineering, NIT Uttarakhand, Department of Electronics & Communication Engg, SLIET Longowal during **31 Aug – 04 Sep 2020**.

**Dr. Sarika Pal**  
Coordinator  
NIT, Uttarakhand

**Dr. Tajinder Singh Arora**  
Convener.  
NIT, Uttarakhand

**Er. Vivek Harshey**  
Coordinator  
SLIET, Longowal



TEQIP III



**Online Short-Term Training Programme**  
**On**  
**Recent Advances in Artificial Intelligence**  
***CERTIFICATE OF PARTICIPATION***

This is to certify that, Mr./Ms./Mrs./Dr./Prof. Dr. Vinod Kumar Verma

of Sant Longowal Institute Of Engineering And Technology, Longowal participated in the five days online short term training programme on **Recent Advances in Artificial Intelligence** sponsored by TEQIP-III and jointly organized by NIT Uttarakhand and SLIET Longowal from 27-31, July 2020.

**Surendra Singh**  
**Coordinator**  
**NIT Uttarakhand**

**Dr. Parveen Kumar**  
**Coordinator**  
**NIT Uttarakhand**

**Dr. Vinod Kumar Verma**  
**Coordinator**  
**SLIET Longowal**

**Prof. Manoj Sachan**  
**Convener**  
**SLIET Longowal**

**Dr. Krishan Kumar**  
**Convener**  
**NIT Uttarakhand**



# TEQIP III



## Online Short Term Training Program on **Intelligent Systems and Networks (ISN-2020)**

31 Aug – 04 Sep 2020

### ***CERTIFICATE OF PARTICIPATION***

This is to certify that **Sukhpreet Singh** of SLIET Longowal has participated in Five days Online Short Term Training Program on “**Intelligent Systems and Networks (ISN-2020)**” sponsored by TEQIP-III under Twinning activities and jointly organized by Department of Electronics Engineering, NIT Uttarakhand, Department of Electronics & Communication Engg, SLIET Longowal during **31 Aug – 04 Sep 2020**.

**Dr. Sarika Pal**  
Coordinator  
NIT, Uttarakhand

**Dr. Tajinder Singh Arora**  
Convener.  
NIT, Uttarakhand

**Er. Vivek Harshey**  
Coordinator  
SLIET, Longowal





TEQIP III



Online Workshop on  
**Mathematical Modeling and MATLAB Applications**  
**(MMMA-2020)**

24 – 25 August, 2020

**CERTIFICATE OF PARTICIPATION**

This is to certify that Mr./Ms. Sukhpreet Singh of SLIET Longowal has participated in two days Online Workshop on “**Mathematical Modeling and MATLAB Applications(MMMA-2020)**” sponsored by TEQIP-III under Twinning activities, organized by Department of Mathematics, NIT Uttarakhand and SLIET Longowal, during **24 – 25 August, 2020**.

  
**Dr. Kuldeep Sharma**

Convener  
NIT, Uttarakhand

  
**Dr. Nitin Sharma**

Convener & HoD, Mathematics  
NIT, Uttarakhand

  
**Dr. V. K. Kukreja**

Coordinator & HoD, Mathematics  
SLIET, Longowal

No:ATAL/2020/1597585041



## ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Nelson Mandela Marg, Vasant Kunj, New Delhi – 110 070

### AICTE Training And Learning (ATAL) Academy

### Certificate

This is certified that **SUKHPREET SINGH**, Assistant Professor of **Sant Longowal Institute of Engineering and Technology, Longowal** participated & completed successfully AICTE Training And Learning (ATAL) Academy **Online** FDP on "**Wearable Devices**" from **2020-11-16** to **2020-11-20** at **Thapar Institute of Engineering and Technology, Patiala**.

Director ATAL Academies



Coordinator



## Centre for Development of Advanced Computing

(R&D organization of the Ministry of Electronics and Information Technology (MeitY), Govt. of India)

Rain Tree Marg, Sector 7, CBD Belapur, Navi Mumbai - 400614

Phone: +91-22-27565303, Fax: +91-22-27560004

E-mail: etu@cdac.in, Website: www.cdac.in

### Certificate of Participation

This is to certify that

**Preetpal Kaur Buttar**

has successfully completed 5 day online workshop  
organized by CDAC Mumbai on

**Getting started with Online Teaching**

28 April - 2 May, 2020

The workshop included presentations, tool demonstrations and handson assignments  
on various topics related to online teaching.

Dr. M Sasikumar  
Executive Director  
C-DAC, Mumbai





# TEQIP III



## Online Short Term Training Program on **Intelligent Systems and Networks (ISN-2020)**

31 Aug – 04 Sep 2020

### ***CERTIFICATE OF PARTICIPATION***

This is to certify that **Preetpal Kaur Buttar** of SLIET Longowal has participated in Five days Online Short Term Training Program on “**Intelligent Systems and Networks (ISN-2020)**” sponsored by TEQIP-III under Twinning activities and jointly organized by Department of Electronics Engineering, NIT Uttarakhand, Department of Electronics & Communication Engg, SLIET Longowal during **31 Aug – 04 Sep 2020**.

**Dr. Sarika Pal**  
Coordinator  
NIT, Uttarakhand

**Dr. Tajinder Singh Arora**  
Convener.  
NIT, Uttarakhand

**Er. Vivek Harshey**  
Coordinator  
SLIET, Longowal



Rahul Gautam &lt;rahulgautam@sliet.ac.in&gt;

---

**FDP-SI E-certificate Number as allotted for UHV Refresher Workshop**

1 message

---

**FDP-SI Workshop Certificate** <ipc.pap@aicte-india.org>  
To: FDP-SI Workshop <rahulgautam@sliet.ac.in>

Thu, Nov 26, 2020 at 2:24 PM

Dear Sir/Madam,

We are in receipt of information that you had previously participated in 8 day FDP on Universal Human Values from 2018-07-20 to 2018-07-27 at SLIET Longowal organized by AKTU/ PTU/ BTU.

AICTE has decided to validate and grant equivalence to this previous participation of yours as per the benchmark for FDP on Universal Human Values being organized by AICTE.

In this regard, AICTE is issuing to you a serial number: ' AICTE/FDP-SI/AKTU-BTU-PTU/184/10175 ' for your above mentioned participation in the FDP which can be verified on the following AICTE portal:

<http://www.fdp-si.aicte-india.org/verifiedProgramDetailsList.php>

This serial number will be useful and enable you to participate in further/ advanced FDPs announced by AICTE from time to time.

We look forward to having a long-lasting association with you!

Regards

Induction Program Cell (IPC)

All India Council for Technical Education

[Nelson Mandela Road, Vasant Kunj](#)

New Delhi - 110 070

Roll No:NPTEL20CS11S21310043

To RAHUL GAUTAM  
23/ TYPE -4, SLIET CAMPUS  
LONGOWAL  
SANGRUR  
PUNJAB - 148106  
PH. NO :9990919002



Duration of NPTEL course: 12 Weeks

No. of weeks of NPTEL Courses	Equivalence of NPTEL course with regular FDP
4	$\frac{1}{2}$ FDP of one week
8	Full FDP of one week
12	$1\frac{1}{2}$ FDP



# NPTEL-AICTE Faculty Development Programme

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**RAHUL GAUTAM**

for successfully completing the course

**Deep Learning**

with a consolidated score of **62 %**

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras

(Jan-Apr 2020)

Prof. Dileep N. Malkhede  
Advisor-I (Research, Institute & Faculty Development)  
All India Council for Technical Education

Roll No: NPTEL20CS11S21310043

To validate and check scores: <http://nptel.ac.in/noc>

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams. This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 24<sup>th</sup> July 2018, similar to other refresher / orientation courses.  
F.No. AICTE / RIFD / FDP through MOOCs / 2017-18





SINCE 2002

# TRINITY COLLEGE, JALANDHAR

*Affiliated to GNDU, Amritsar | NAAC Accredited & UGC Recognised*



## CERTIFICATE OF PARTICIPATION

**This is to certify that**

**Mr. RAHUL GAUTAM**

**Assistant Professor,**

**Sant Longowal Institute of Engineering and Technology, Longowal**

**participated in "One Week International FDP" on**

**"Enhancing Digital Proficiency: A Platform for  
Refining the Research and Teaching Skills"**

**organised by**

**IQAC, Trinity College, Jalandhar**

**from 20th July to 26th July, 2020.**

**Rev. Fr. Peter Kavumpuram**  
(Director)

**Dr. Ajay Prashar**  
(Principal)

**Prof. Neetu Khanna**  
(Coordinator)

Registration No.  
TCJ/FDP/2020-1-0026



Authenticity of this Certificate can be verified through QR-Code



TEQIP III



**Online Short-Term Training Programme**  
**On**  
**Recent Advances in Artificial Intelligence**  
*CERTIFICATE OF PARTICIPATION*

This is to certify that, Mr./Ms./Mrs./Dr./Prof. Rahul Gautam  
of Sant Longowal Institute Of Engineering And Technology, Longowal participated in the five  
days online short term training programme on **Recent Advances in Artificial Intelligence** sponsored  
by TEQIP-III and jointly organized by NIT Uttarakhand and SLIET Longowal from 27-31, July 2020.

Surendra Singh  
Coordinator  
NIT Uttarakhand

Dr. Parveen Kumar  
Coordinator  
NIT Uttarakhand

Dr. Vinod Kumar Verma  
Coordinator  
SLIET Longowal

Prof. Manoj Sachan  
Convener  
SLIET Longowal

Dr. Krishan Kumar  
Convener  
NIT Uttarakhand

**Research and Consultancy Cell**  
and  
**Department of Chemical Engineering**  
**Sant Longowal Institute of Engineering & Technology**  
(Deemed to be University, Established by Ministry of Education, Govt. of India)  
Longowal, Distt. Sangrur-148106. Punjab (India)



**SHORT TERM COURSE**  
(Through Online Mode)  
under  
Quality Improvement Programme  
All India Council for Technical Education  
on  
**INNOVATIVE AND RESPONSIBLE RESEARCH PRACTICES**  
**IRRP-2020**  
(Sept. 15 – 20, 2020)

***Certificate of Participation***

This is to certify that

**Rahul Gautam**

**Sant Longowal Institute of Engineering and Technology, Longowal**

has attended One Week Short Term Course (through online mode) on 'Innovative and Responsible Research Practices' (IRRP-2020) during Sept. 15-20, 2020 organized by Sant Longowal Institute of Engineering and Technology (SLIET), Longowal, Sangrur sponsored by Quality Improvement Programme, AICTE, Govt. of India.

**Coordinator**  
**IRRP-2020**

**Chairperson**  
**IRRP-2020**

**Coordinator**  
**QIP, SLIET**



Roll No:NPTEL20GE22S71310058

To RAHUL GAUTAM  
23/ TYPE -4, SLIET CAMPUS  
LONGOWAL  
SANGRUR  
PUNJAB - 148106  
PH. NO :9990919002



Duration of NPTEL course: 8 Weeks

No. of weeks of NPTEL Courses	Equivalence of NPTEL course with regular FDP
4	$\frac{1}{2}$ FDP of one week
8	Full FDP of one week
12	$1\frac{1}{2}$ FDP



# NPTEL-AICTE Faculty Development Programme

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**RAHUL GAUTAM**

for successfully completing the course

**Introduction to Research**

with a consolidated score of **69 %**

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras

(Sep-Nov 2020)

Prof. Dileep N. Malkhede  
Advisor-I (Research, Institute & Faculty Development)  
All India Council for Technical Education

Roll No: NPTEL20GE22S71310058

To validate and check scores: <http://nptel.ac.in/noc>

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams. This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 24<sup>th</sup> July 2018, similar to other refresher / orientation courses.  
F.No. AICTE / RIFD / FDP through MOOCs / 2017-18