All India Council for Technical Education

(A Statutory body under Ministry of HRD, Govt. of India)

Nelson Mandela Marg,Vasant Kunj, New Delhi-110070 Website: www.aicte-india.org

STTP- Sanction Letter

Ref. No. 34-66/143/FDC/STTP/Policy-1/2019-20

Date **1 0 AUG 2020**

From

Director,
Faculty Development Cell,
AICTE, New Delhi-110070

To

The Drawing and Disbursing Officer,
All India Council for Technical Education,
Nelson Mandela Marg,
Vasant Kunj, New Delhi – 110070

Sub: Release of grant for conduct of Short Term Training Programme (STTP) under AQIS 2019-20 during the financial year 2020-21– reg.

Sir,

This is to convey the sanction of the Council for payment of **Rs. 258333 /- (Rupees Two Lakh FiftyEight Thousand Three Hundred ThirtyThree Only)** for conduct of Short Term Training Program as per details given below:-

1.	Name and address of the beneficiary University / Institution	GURU NANAK DEV ENGINEERING COLLEGE GILL PARK, GILL ROAD, LUDHIANA Punjab 141006
2.	Permanent ID of Institute	1-3286931
3.	Institute type	Govt aided
4.	Name of Coordinator	Dr. KIRAN BAINS
5.	Amount sanctioned	Rs. 258333/-
6	Amount to be released	Rs.258333/- Full & final payment
7.	Head of account	**601.15(a) Gen. Short Term Training Programme (Plan)**
8	The authorized officer in whose favour Cheque/ Demand Draft/ RTGS is to be made	REGISTRAR / DIRECTOR / PRINCIPAL
9.	Title of the programme	Artificial Intelligence and Machine Learning with Data Science

1. The amount of the grant shall be drawn by the Drawing and Disbursing Officer, All India Council for Technical Education on the grant-in-aid bill and shall be disbursed to and credited to the Registrar/ Director/Principal of the institute through RTGS.

2. This grant-in-aid is being released in conformity with the terms & conditions as well as norms of the scheme as already communicated, and also being communicated in this letter.

3. The Principal of the Institute and the Coordinator of the Program are requested to verify the correctness of the under-mentioned Bank Account / RTGS Details submitted by them alongwith the proposals, in which the grant is being released:-

Institute PAN No.	Bank Name	Bank Branch Name	Bank Branch Address	Account Holder Name	Account Type	Account Number	IFSC Code
AAATN1978L	PUNJAB AND SIND BANK	Gill	Gill, Ludhiana	Principal	Saving Account	00211000050614	PSIB0000062 1

Instructions/Guidelines to be followed by the University/Institution

I. Disbursement of funds to University/Institutions

cccc. The full amount of the grant sanctioned is being released as advance to the University/Institute.

b. The amount spent by the institute on the conduct of STTP shall be adjusted on the basis of utilization certificate and detailed expenditure statement submitted by the University/Institution on the prescribed format along with other mandatory documents viz feedback form, copy of proceedings and completion report etc.

dddd. The above said amount of grant shall be refunded back to AICTE if the Letter of Approval (LOA) / Extension of Approval (EOA) is not issued by AICTE to the institute for the academic year 2020-21.

II Maintenance of Accounts

a. The Institute shall strictly follow the provisions laid down in the scheme document as available on the portal.

b. Funds covered by this grant shall be kept separately and would not be mixed up with other funds so as to know the amount of interest accrued on the grant.

c. The University/College/Institute shall maintain proper accounts of the expenditure out of the grants, which shall be utilized only on approved items of expenditure.

d. The grant is intended to cover items of expenditure connected with the Short Term Training Programme such as Boarding & Lodging to the participants, TA to outstation participants, Honorarium to Course Coordinator, reading material to participants, Honorarium to resource persons, TA/DA to resource persons including two outstations resource persons & working expenses (reprographic services, postage, transport, daily wages, tea/coffee etc.

III. Conduct of test and issuance of certificate

A test shall be conducted by Program Monitoring Committee (PMC) at the end of the program and joint certificates shall be issued (by AICTE & conducting institute) to those participants who have attended the program and have scored minimum 60% marks in the test.

IV. Submission of Documents by the University/Institutions to AICTE

a. The following mandatory relevant documents are required to be submitted by the University/Institution within one month of the completion of the program:-

(i) (xli) Original Statement of actual expenditure & Utilization Certificate in the prescribed proforma duly signed by the Head of the institution and countersigned by Registrar/Finance Officer/Govt. Auditor. In case of self-financing/private institutions, Statement of actual Expenditure & Utilization Certificate are required to be audited & signed and sealed by a Chartered Accountant endorsing the membership number and complete postal address. Format for the same is available on AICTE web portal.

The University/Institution is not required to submit bills/vouchers/invoices etc for the expenditure incurred out of recurring grants. However, such copies of bills/vouchers/invoices shall be digitized by respective institutions receiving grant and uploaded scanned copies of such bills/vouchers/invoices etc on the portal for availability and view at any point of time.

(ii) Feedback form in the prescribed proforma.

(iii) Copy of the proceedings and completion report.

(iv) List of candidates who have successfully completed the program on the basis of the test conducted by Program Monitoring Committee (PMC).

(v) Report submitted by Program Monitoring Committee (PMC).

b. The amount of the grant shall be adjusted on submission of utilization certificate & detailed expenditure statement by University/Institution. On receipt of these documents, the total amount of financial assistance, admissible as per the norms, shall be worked out and grant-in-aid adjusted.

V. General instructions

a. Preferably 10% of the participants may be industry professionals deputed by industry. Further, not more than 2 participants shall be from the host institution/group of institutions.

b. The grant released/or part thereof, if remains unutilized for any reason after expiry of stipulated time period (for any reasons to include unspent amount, interest , penalty if imposed) shall be refunded back to AICTE in the form of RTGS payable to Member Secretary, AICTE, New Delhi. The bank details of AICTE are as under:-

Account No	:	55113199952
Name of the Account Holder	:	Member Secretary, AICTE, New Delhi
Bank Name	:	State Bank of India
Branch Name	:	Shastri Bhawan, New Delhi
IFSC Code	:	SBIN0050203

c. The STTP is a residential program of a duration of six days with minimum 40 participants. The approved STTP shall be conducted within six months from the date of release of funds.

d. If programme is not conducted within the period of six months of the release of the 100% grant, the released amount, alongwith interest accrued thereon, has to be necessarily returned back to AICTE within a month through RTGS.

d. The expenditure under the Heads 'Honorarium to Course Coordinator' and 'Honorarium to Resource Persons' shall not exceed 1% & 20% respectively of the total sanctioned grant for the Programme. However, overall expenditure shall not exceed the funds sanctioned for the Programme.

g. Any extra money required to complete the programme must be borne by the institute from their own resources. But the quality of the activities should not be compromised.

h. Any unavoidable circumstantial change in the program with respect to name of Project Coordinator, Venue and date for organizing STTP would mandatorily require prior approval of the Council. All such requests should be addressed to AICTE, in advance, recording the specific reasons for proposed changes, failing which the offer for the grant already issued would be treated as automatically withdrawn and the financial assistance released in favour of the beneficiary institution shall be refunded immediately to the Council. Kindly mention the File No. 34-66/143/FDC/STTP/Policy-1/2019-20 in your future correspondence.

i. **Steering Committee/Project Monitoring Committee (PMC)** is required to be constituted at institutional level. The constitution of the PEC shall be as under:

(i) Principal/Director/Registrar of the institution (Chairperson).

(ii) (ii) Coordinator of the program (Member Secretary).

(iii) Two HoDs and one subject expert (members).

The members of the said PMC shall not be below the rank of Associate Professor. A test conducted by Project Monitoring Committee (PMC) at the end of the program and the certificate issued to those participants who have attended the program and have qualified in the test. The minutes of the meetings, along with PMC report, are to be submitted to the Council at end of the program along with other mandatory documents.

j. **GoI GFR rules** (@https://doe.gov.in/order-circular/general-financial-rules2017-0) should be followed during utilization of grant.

k. This Sanction Order may be treated as Offer Letter for all purposes.

NOTE:- Any deviation from the above will invoke serious action against the Institute.

Yours sincerely,

(Col. B Venkat)
Director (FDC)

1 0 AUG 2020

Copy forwarded for information and necessary action to: -

1. **Name and Address of the Coordinator**
   Dr. KIRAN BAINS
   GURU NANAK DEV ENGINEERING COLLEGE
   GILL PARK, GILL ROAD, LUDHIANA
   Punjab141006

2. **The Registrar / Director / Principal**
   GURU NANAK DEV ENGINEERING COLLEGE
   GILL PARK, GILL ROAD, LUDHIANA
   Punjab141006

3. **Guard File**

Phone : 011-26131577 - 78, 80
011-29581000
Website : www.aicte-india.org

सत्यमेव जयते

अखिल भारतीय तकनीकी शिक्षा परिषद्
(भारत सरकार का एक सांविधिक निकाय)
(मानव संसाधन विकास मंत्रालय, भारत सरकार)
नेल्सन मंडेला मार्ग, वसंत कुंज, नई दिल्ली-110070

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION
(A Statutory Body of the Govt. of India)
(Ministry of Human Resource Development, Govt. of India)
Nelson Mandela Marg, Vasant Kunj, New Delhi-110070

14 Sept 2020

Col. B. Venkat
Director (FDC)
E-mail: director.fdc@aicte-india.org
Mob. No. 8130255472

Sub:–For information of AICTE approved institutes which have received grants for conducting STTP's/FDP's under AQIS 2019-20.

Sir,

This is in reference to grants released by AICTE under AQIS 2019-20 for conduct of STTP's/FDPs. It is being observed that due to present circumstances of ongoing pandemic of COVID-19, most of Institutes are facing difficulties in organizing and conducting STTP's. This office has received a number of requests from various institute to allow on line method of conducting STTP/FDP to complete their commitments.

In this regard, it is to inform that all such institutes, which have already received grants for conducting STTP's/FDPs through prevailing contact mode, are **allowed to conduct STTP's through online mode subject to following conditions:**

(i) The Institute will be allowed to adjust the grants received for STTP at following rates:-

a.	Honorarium for Coordinator	Rs. 5000.00
b.	Honorarium to experts	Rs. 75000.00
c.	Provision for payment to lab attendant engaged during lab practices	Rs. 3000.00
d.	miscellaneous charge	Rs. 10000.00
	Total for each STTP's	**Rs 93000.00**

(ii) The Institute will conduct more than one STTP's in multiples of Rs. 93000.00 within the total grant received by it and shall return the balance unspent amount to AICTE.

e.g.

if an Institute has received grant for STTP	=Rs 3,00,000.00
Cost of three STTP	3x93000= Rs. 279000.00
Balance	**= Rs. 21,000.00**

The institute will return the balance unspent amount of Rs.21,000.00 alongwith interest earned on such amounts to AICTE while submitting UC for adjustment of accounts for keeping its eligibility for receiving grants in next AQIS.

(iii) The institute will conduct all three STTP's as explained above on the same topic which has been approved by AICTE while releasing the grants.

(iv) Firm dates for each program will be intimated to AICTE beforehand.

On similar lines FDP (02 week program) to be conducted online has the following approval totaling to Rs. 1,86,000.00.
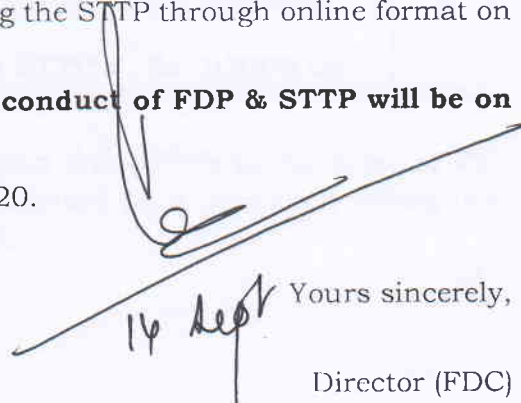
a.	Honorarium for Coordinator	Rs. 5000.00
b.	Honorarium to experts	Rs. 1,68,000.00
c.	Provision for payment to lab attendant engaged during lab practices	Rs. 3000.00
d.	miscellaneous charge	Rs. 10000.00
	Total for each FDPs	**Rs 1,86,000.00**

The conducting of FDP's (two weeks program) shall be subjected to the similar conditions (i) to (iv) given above for conduct STTP courses, except rates of Honorarium to experts.

You are requested to acknowledge receipt of above guidelines and convey your consent if your institute is ready for conducting the STTP through online format on conditions explained above.

It is once again reiterated that online conduct of FDP & STTP will be on explicit permission of AICTE.

This provision is valid only till 31 Dec 2020.

Yours sincerely,

14 Sept

Director (FDC)

RESOURCE PERSONS

Experts from different specializations will be delivering lectures in various sessions. Each session will be followed by interactive sessions on the subject matter. The resource persons constitute software professionals from the industry and experts from IIT's, NIT's and Panjab University Chandigarh.

ELIGIBILITY

The Faculty members of CSE/ IT/ Comp. App. / ECE/ EI/ EE Dept. of the AICTE approved institutions (Degree / Diploma) or participants from Government or Industry are allowed to join this STTP. There is **NO REGISTRATION FEE**. STTP will be conducted in online mode.

COURSE EVALUATION

a. A test for the assessment of the course will be conducted at the end of the programme.
b. The certificates will be issued to those participants who have attended the programme and the test successfully.

HOW TO APPLY

Registration is required for participating in this course. Applicants should fill the registration form only in online mode available at:

https://forms.gle/zRaBULjjXHeFTkZc8

IMPORTANT DATES

Last Date for Receipt of Application: 27th Oct, 2020
Intimation of Acceptance: 29th Oct,, 2020
STTP Dates: Nov. 02nd to Nov. 07th, 2020
Inauguration: 9:30 A.M. on Nov 02nd, 2020

CONTENTS

- Principles, applications, trends, and pertinent issues of Artificial Intelligence, Machine Learning and Data Science.
- Data Visualization and Analytics.
- Modelling based on Machine Learning and Data Science to diverse range of operations such as Banking and Natural Language Processing.
- AI to Engineering Systems and Resource constrained Devices.
- Hands on Sessions on IBM Watson and other tools.

ONE WEEK SHORT TERM TRAINING PROGRAMME (STTP)

On
Artificial Intelligence and Machine Learning with Data Science (AIMLDS-2020)

2nd to 7th November, 2020

ONLINE MODE

Sponsored by

All India Council for Technical Education, New Delhi

Organized by

**Department of Information Technology
Guru Nanak Dev Engineering College,
Ludhiana – 141006, Punjab, India
Website: http://www.gndec.ac.in**

ABOUT THE COURSE

One week Short Term Training Programme (STTP) intends to conduct faculty training through financial assistance from AICTE under Quality Improvement Scheme (AQIS), to enable faculty members in the field of technical education to introspect and learn techniques that can help prepare students for active and successful participants in a knowledge society. The objective of this course is to aware the users about the contemporary capabilities of the machine learning and data science in the diverse range of applications. The focus of the course is on imparting the technical training on the Artificial Intelligence (AI) and data analytical techniques. Machine Learning (ML) methods may be exploited to extract information and gain the knowledge from the data, in addition to the prediction of the future trends. Data Science (DS) deals with big or medium scale data and contemplates data analytical operations. A data scientist usually collects and analyze data from multiple and fused sources and exploits algorithms based on machine learning to extract imperative information. The capabilities of machine learning and data science enable wide range of public, private and Government agencies for explaining various events, predicting outcomes, and planning strategies. Taking into consideration of the inter-disciplinary approach, this STTP has been designed by Department of IT (GNDEC, Ludhiana), to highlight the domains of research as well as applications connected with artificial intelligence, machine learning and data science.

ABOUT GNDEC
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Guru Nanak Dev Engineering College, Ludhiana (An Autonomous College under UGC Act), established in 1956, oldest and premier institute of Punjab, is providing education in the field of engineering by comprehending the need for up-liftment of rural youth in highly competitive, technologically-elevated society, in particular, and understanding the thirst for knowledge of students and quenching it in general. The College has been declared an Autonomous College by UGC, New Delhi in 2012. This college has the privilege of starting Ph.D. degree under Quality Improvement Programme (QIP) by AICTE, New Delhi. Apart from offering various Accredited graduate level B.Tech. courses vis-a-vis Civil Engineering, Computer Science & Engineering, Electrical Engineering, Electronics & Communication Engineering, Mechanical Engineering, Production Engineering, Information Technology; the institute imparts eleven Postgraduate M.Tech. courses both on regular and part time basis. An excellent platform is provided to the researchers leading to Ph.D. program.

ABOUT DEPARTMENT OF INFORMATION TECHNOLOGY

Department of Information Technology was established in 2001. Since its inception, the department has contributed in a big way to the society by providing technical manpower for various fields in India and abroad. Graduates and post graduates from the department are settled in very good positions all over the Globe. At present, the department is proud to get best merit students in the region. The faculty of the department continues to provide new frontiers of technical knowledge to the students by imparting quality education and research. The UG course is NBA accredited and is keeping pace with the latest developments in engineering education.

CHIEF PATRON
Dr. Sehijpal Singh, Principal
Guru Nanak Dev Engineering College , Ludhiana

PROJECT MONITORING COMMITTEE

Chairperson: Dr. Sehijpal Singh
Member Secretary: Dr. Kiran Jyoti
Members: Dr. Parminder Singh,
Dr. Kulvinder S. Mann, Prof. Ameeta Seehra

FACULTY COORINATOR

Dr. Kiran Jyoti, Head of the Department

COURSE COORDINATORS

Sandeep Kumar Singla, Assistant Prof. (IT)
E-mail: sandeepsingla@gndec.ac.in
Mobile: +91 9876150140
Dr. Pankaj Bhambri, Assistant Prof. (IT)
E-mail: pkbhambri@gndec.ac.in
Mobile: +91 9814828414

ORGANIZING COMMITTEE

Faculty and Staff, Department of Information Technology, GNDEC, Ludhiana

AICTE Sponsored STTP on "*Artificial Intelligence and Machine Learning with Data Science*" AIMLDS-2020
(One Week) 02nd November to 07th November, 2020 (Online Mode)
Organized by: Department of Information Technology, Guru Nanak Dev Engineering College (GNDEC), Ludhiana

Day/Time	9:30 AM - 11:00 AM	11:15 AM -12:45 PM	2:00 PM - 3:30 PM
02.11.2020 Monday	*Registration + Inaugural Session* **Dr. Deepak Garg, Professor and Head CSE, Bennett University, Noida**	Session – 2 *AI : Research Challenges* **Dr. Deepak Garg, Professor and Head CSE, Bennett University, Noida**	Session – 3 *Adding Intelligence to Engineering Systems* **Dr. Jitender K. Chhabra, Professor, Department of Computer Engg. NIT Kurukshetra**
03.11.2020 Tuesday	Session – 4 *Mathematics behind Machine Learning* **Dr. Sanjeev Kumar, Associate Professor, Department of Mathematics IIT Roorkee**	Session – 5 *Classification Algorithms for ML (Hands-on Session)* **Dr. Sarbjeet Singh, Professor, Department of CSE, UIET, Panjab University, Chandigarh**	Session - 6 *Clustering Algorithms for ML (Hands-on Session)* **Dr. Sarbjeet Singh, Professor, Department of CSE, UIET, Panjab University, Chd.**
04.11.2020 Wednesday	Session – 7 *ModelOps and MLOps – Making ML Operationalize – I (Hands-on Session)* **Dr. Jagreet Kaur Gill, Chief AI Officer, Xenon Stack, Mohali**	Session – 8 *ModelOps and MLOps – Making ML Operationalize – II (Hands-on Session)* **Er. Navdeep Singh Gill, Chief Executive Officer Xenon Stack, Mohali**	Session – 9 *Understanding IBM Cloud and IBM Watson Studio* **Dr. Mani Madhukar, Program Manager, Global University Programs, IBM Research**
05.11.2020 Thursday	Session – 10 *Recent Applications of Deep Learning* **Dr. Partha Pratim Roy, Associate Professor, Department of CSE, IIT Roorkee**	Session – 11 *Brain Computing Interfaces,* **Dr. Partha Pratim Roy, Associate Professor, Department of CSE, IIT Roorkee**	Session - 12 *Natural Language Processing with Deep Learning* **Dr. Vipul Kumar Mishra, Assistant Professor, Department of CSE, Bennett University, Noida**
06.11.2020 Friday	Session – 13 *Machine Learning for Urban Computing* **Dr. Durga Toshniwal Professor, Department of CSE, IIT Roorkee**	Session – 14 *Disruptive applications of AI in various industries with use cases & scientific solutions* **Er. Navjot Singh Tung, Associate Manager, AlertEnterprise**	Session – 15 *Modern day methods of anomaly detection and their use in security industry (Hands-on Session)* **Er. Navjot Singh Tung, Associate Manager, AlertEnterprise**
07.11.2020 Saturday	Session – 16 *Recommender Systems* **Dr. Sarabjot Singh Anand, Chief Data Scientist Tatras Data**	Session – 17 *Working with IBM Watson Studio (Hands-on Session)* **Dr. Mani Madhukar, Program Manager, Global University Programs, IBM Research**	Session – 18 *Data Visualization & Analysis using ORANGE* **Dr. Amit Kamra, Assistant Professor, GNDEC Ludhiana** *Feedback + Test + Valedictory Function*

List of Successful Participants

Salutation	Name of the Participant	Designation	Institute/Organization
Mr.	AJAY KUMAR YADAV	Assistant Professor	UNITED INSTITUTE OF MANAGEMENT, PRAYAGRAJ
Mr.	ANKUSH JOSHI	Assistant Professor	AMRAPALI GROUP OF INSTITUTE, HALDWANI
Mr.	ANIL NAIK	Assistant Professor	WALCHAND INSTITUTE OF TECHNOLOGY
Mrs.	C B SELVA LAKSHMI	Assistant Professor	VELAMMAL COLLEGE OF ENGINEERING AND TECHNOLOGY
Mr.	CHAKSHU GOEL	Assistant Professor	SHAHEED BHAGAT SINGH STATE TECHNICAL CAMPUS, FEROZEPUR
Mr.	DEVENDER KUMAR DHAKED	Assistant Professor	RAJASTHAN COLLEGE OF ENGINEERING FOR WOMEN
Dr.	NABAMITA DEB	Assistant Professor	GAUHATI UNIVERSITY
Mr.	PANKAJ EKNATH KASAR	Assistant Professor	R C PATEL INSTITUTE OF TECHNOLOGY SHIRPUR
Mr.	ABHISHEK PUROHIT	Assistant Professor	UCET BIKANER
Dr.	B.GOMATHI	Assistant Professor	HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY
Er.	DEEPIKA SINGH	Assistant Professor	GULZAR GROUP OF INSTITUTES, LUDHIANA
Mr.	MANOJ SAKHARAM ISHI	Assistant Professor	R C PATEL INSTITUTE OF TECHNOLOGY SHIRPUR
Mr.	MALI MAKARAND LOTAN	Assistant Professor	R C PATEL INSTITUTE OF TECHNOLOGY, SHIRPUR
Mr.	MORESH M MUKHEDKAR	Assistant Professor	D. Y. PATIL UNIVERSITY, AMBI, PUNE
Dr.	NAVEEN KUMAR SHARMA	Assistant Professor	I. K. G. PUNJAB TECHNICAL UNIVERSITY, PUNJAB
Ms.	PADMA DANDANNAVAR	Assistant Professor	KLS GOGTE INSTITUTE OF TECHNOLOGY
Mrs.	PRIYANKA JOSHI	Assistant Professor	KLS GOGATE INSTITUTE OF TECHNOLOGY, BELAGAVI
Er.	PRABHSHARAN KAUR	Assistant Professor	CHANDIGARH UNIVERSITY

Mr.	GOAD PRASHANT MAGANLAL	Assistant Professor	R C PATEL INSTITUTE OF TECHNOLOGY SHIRPUR
Dr.	PREETY KHATRI	Assistant Professor	INSTITUTE OF MANAGEMENT STUDIES (IMS), NOIDA
Mr.	RAJINDERKUMAR M. MATH	Assistant Professor	VACHANA PITAMAHA DR. P.G HALAKATTI COLLEGE OF ENGINEERING AND TECHNOLOGY, VIJAYAPUR
Er.	RATTAN DEEP ANEJA	Assistant Professor	PIET PANIPAT
Mrs.	REECHA SOOD	Assistant Professor	CGC-COLLEGE OF ENGINEERING,LANDRAN
Mr.	RANJEET VASANT BIDWE	Assistant Professor	PUNE INSTITUTE OF COMPUTER TECHNOLOGY, PUNE
Mr.	SANJAY DADASO THORAT	Assistant Professor	SVPM'S COE,MALEGAON(BK),BARAMATI ,41315
Mrs.	SAVITA WADHAWAN	Assistant Professor	MMICTBM (MCA), MMDU, MULLANA
Mrs.	V LAVANYA	Assistant Professor	VELAMMAL COLLEGE OF ENGG AND TECHNOLOGY, MADURAI
Mrs.	SHASHIKALA H K	Assistant Professor	JAIN UNIVERSITY
Mrs.	SEEMA CHANDAK	Assistant Professor	PUNE INSTITUTE OF COMPUTER TECHNOLOGY, PUNE
Mrs.	K.SANTHA SHEELA	Assistant Professor	VELAMMAL COLLEGE OF ENGG AND TECHNOLOGY, MADURAI
Mr.	MANTRI SHIVA KUMAR	Assistant Professor	ANURAG UNIVERSITY
Ms.	SHRUTI JALAPUR	Assistant Professor	SECAB INSTITUTE OF ENGINEERING AND TECHNOLOGY,VIJAYAPURA
Ms.	PAVITHRA M	Assistant Professor	JANSONS INSTITUTE OF TECHNOLOGY
Dr.	SUMEET KAUR SEHRA	Assistant Professor	GURU NANAK DEV ENGINEERING COLLEGE LUDHIANA
Mr.	SUMIT KUMAR	Assistant Professor	CHITKARA UNIVERSITY
Mr.	AMIT KUMAR GOYAL	Associate Professor	KIET GROUP OF INSTITUTIONS GHAZIABAD
Dr.	ARUN KUMAR TRIPATHI	Associate Professor	KIET GROUP OF INSTITUTIONS, DELHI-NCR, GHAZIABAD

Mr.	BIJU BALAKRISHNAN	Associate Professor	JCT COLLEGE OF ENGINEERING AND TECHNOLOGY
Dr.	DEEPAK T. MANE	Associate Professor	JSPM'S RAJARSHI SHAHU COLLEGE OF ENGINEERING, PUNE, MAHARASHTRA
Mrs.	GEETA ARORA	Associate Professor	SBSSTC, FEROZEPUR
Dr.	BALA SENDHIL KUMAR G.	Associate Professor	KRISTU JAYANTI COLLEGE
Ms.	JYOTI M. HURAKADLI	Associate Professor	BASAVESHWAR ENGINEERING COLLEGE (AUTONOMOUS), BAGALKOT
Dr.	NARENDRA .C.P	Associate Professor	BANGALORE INSTITUTE OF TECHNOLOGY
Ms.	NEELAM RAWAT	Associate Professor	KIET GROUP OF INSTITUTIONS, DELHI-NCR, GHAZIABAD
Mr.	PRASHANT AGRAWAL	Associate Professor	KIET GROUP OF INSTITUTIONS, DELHI-NCR, GHAZIABAD
Dr.	RAJNIKANT BHAGWAN WAGH	Associate Professor	R.C.PATEL INSTITUTE OF TECHNOLOGY SHIRPUR
Dr.	SASANKO SEKHAR GANTAYAT	Associate Professor	GMR INSTITUTE OF TECHNOLOGY
Dr.	NARESH KUMARI GILL	Lecturer	GOVERNMENT POLYTECHNIC SONIPAT
Mr.	JAYAPRAKASH.J	Lecturer	KARAIKAL POLYTECHNIC COLLEGE KARAIKAL
Mrs.	PRAMITHA SANTHUMAYOR	Lecturer	ROYAL COLLEGE OF ARTS SCIENCE AND COMMERCE
Mr.	SAIYYAD MOHMMAD ALI MUZFFAR ALI	Lecturer	R C PATEL INSTITUTE OF TECHNOLOGY SHIRPUR
Dr.	SUCHISMITA BHATTACHARJEE	NPDF (National Post-Doctoral Fellow)	DST (SERB)
Dr.	ILANGO VELCHAMY	Professor	CMR INSTITUTE OF TECHNOLOGY,BANGALORE
Dr.	RUBAID ASHFAQ	Assistant Professor	AMITY SCHOOL OF COMMUNICATION
Mr.	M R RAMESH	SCIENTIFIC ASSISTANT	INDIRA GANDHI CENTRE FOR ATOMIC RESEARCH, KALPAKKAM

Dr.	TRIPTI RANI BORAH	Women Scientist A, DST	GAUHATI UNIVERSITY, ASSAM
Ms.	R. SUBHULAKSHMI	Assistant Professor	G. VENKATASWAMY NAIDU COLLEGE
Dr.	G. RAMESH	Professor	ARS COLLEGE OF ENGINEERING
Mrs.	RUBIN JULIS M	Assistant Professor	AALIM MUHAMMED SALEGH COLLEGE OF ENGINEERING,CHENNAI
Mr.	R.KARTHICKMANOJ	Assistant Professor	AMET DEEMED TO BE UNIVERSITY, CHENNAI
Mr.	SATYA RANJANBISWAL	Assistant Professor	GIHT
Dr.	NEWLIN RAJKUMAR M	Assistant Professor	ANNA UNIVERSITY REGIONAL CAMPUS COIMBATORE
Mr.	G.B.S.R. NAIDU	Assistant Professor	GMR INSTITUTE OF TECHNOLOGY
Mr.	ALOCK GUPTA	Assistant Professor	VAISH COLLEGE OF ENGINEERING
Dr.	SANDHYA BANSAL	Associate Professor	MMU MULLANA
Ms.	PRATIBHA PANDEY	Assistant Professor	UTTARANCHAL UNIVERSITY
Mr.	MAYUR JAGDISH PATIL	Assistant Professor	R.C.PATEL INSTITUTE OF TECHNOLOGY SHIRPUR
Mr.	S KANNADHASAN	Assistant Professor	CHERAN COLLEGE OF ENGINEERING

Report of Steering Committee/ Project Monitoring Committee (PMC)

It is submitted that a Short Term Training Programme (STTP) was conducted under AQIS 2019-20 on the title "Artificial Intelligence and Machine Learning with Data Science" (Ref. No. 34-66/143/FDC/STTP/Policy-1/2019-20 dated 10th August 2020). This programme conducted by the Department of Information Technology, Guru Nanak Dev Engineering College, Ludhiana during 02nd November to 07th November 2020 through ZOOM App was:

1. Well planned in terms of Resources. ZOOM App (subscription of the college) was used for the conduct of this programme. The sessions were recorded and uploaded on GNDEC YouTube Channel and also preserved on the Hard Disk.

2. There was proper coverage of the programme in news reports.

3. The resource persons of the programme were from: IIT Roorkee, NIT Kurukshetra, Xenon Stack Mohali, IBM Research, AlertEnterprise, TatrasData, Panjab University Chandigarh, Bennett University Noida, GNDEC Ludhiana and Unet Solutions Moga

4. Participants from approximately all state of the nation participated in this programme.

5. The interactions of our team with the participants disclosed that the participants were highly satisfied in terms of content delivery of the programme.

6. The test was conducted in the presence of PMC members and there was complete discipline and environment of examination system. The link of examination was closed at proper timing and immediate scores were released among the participants, after the examination.

7. E-Certificates were issued to those candidates who have scored more than 60% in the evaluation with name and logo of both AICTE and the Institute.

8. In the valedictory function, the open feedback by some of the participants disclosed that the programme on "Artificial Intelligence and Machine Learning with Data Science" was: i) need of the participants, ii) Delivery by resource persons was highly satisfactory. The programme was organized in college hours through online mode.

Dr. Parminder Singh   *Prof. Ameeta Seehra*
Member   Member

Dr. Kulvinder S. Mann   *Dr. Kiran Jyoti*
Member   Member Secretary

Principal of the Institution
Chairperson

ਪ੍ਰੋਗਰਾਮ ਵਿੱਚ ਸ਼ਾਮਿਲ ਪ੍ਰਿੰਸੀਪਲ ਡਾ. ਸਹਿਜਪਾਲ ਸਿੰਘ ਤੇ ਹੋਰ ਮਾਹਿਰ।

ਆਨਲਾਈਨ ਟ੍ਰੇਨਿੰਗ ਪ੍ਰੋਗਰਾਮ ਸ਼ੁਰੂ

ਸੁਖਦੇਵ ਸਿੰਘ, ਲੁਧਿਆਣਾ

ਜੀਐਨਡੀਈ ਕਾਲਜ ਵਿਖੇ ਆਰਟੀਫੀਸ਼ੀਅਲ ਇਨਟੈਲੀਜੈਂਸ ਅਤੇ ਮਸ਼ੀਨ ਲਰਨਿੰਗ ਵਿਦ ਡਾਟਾ ਸਾਇੰਸ 'ਤੇ ਏਆਈਸੀਟੀਈ ਵੱਲੋਂ ਆਨਲਾਈਨ ਸ਼ਾਰਟ ਟਰਮ ਟ੍ਰੇਨਿੰਗ ਪ੍ਰੋਗਰਾਮ ਦਾ ਉਦਘਾਟਨ ਕੀਤਾ ਗਿਆ। ਡਾ. ਕਿਰਨ ਜੋਤੀ, ਫੈਕਲਟੀ ਕੋਆਰਡੀਨੇਟਰ (ਐਸਟੀਟੀਪੀ) ਅਤੇ ਮੁਖੀ, ਆਈਟੀਵਿਭਾਗ ਨੇ ਦੱਸਿਆ ਕਿ ਇਸ ਪ੍ਰੋਗਰਾਮ ਦਾ ਉਦੇਸ਼ ਆਰਟੀਫੀਸ਼ੀਅਲ ਇਨਟੈਲੀਜੈਂਸ ਮਸ਼ੀਨ ਲਰਨਿੰਗ ਅਤੇ ਡਾਟਾ ਸਾਇੰਸ ਟੈਕਨਾਲੋਜੀ ਲਈ ਫੈਕਲਟੀ ਮੈਂਬਰ ਅਤੇ ਰਿਸਰਚ ਸਕਾਲਰਾਂ ਨੂੰ ਜਾਗਰੂਕ ਕਰਨਾ ਹੈ। ਪ੍ਰੋ. ਸੰਦੀਪ ਕੁਮਾਰ ਸਿੰਗਲਾ ਅਤੇ ਡਾ. ਪੰਕਜ ਭਾਂਬਰੀ ਇਸ ਐਸਟੀਟੀਪੀ ਦੇ ਕੋਰਸ ਕੋਆਰਡੀਨੇਟਰ ਰਹੇ। ਪ੍ਰੋ. ਸਿੰਗਲਾ ਨੇ ਇਸ ਪ੍ਰੋਗਰਾਮ ਦੇ ਵੇਰਵਿਆਂ ਨੂੰ ਸਾਂਝਾ ਕੀਤਾ ਅਤੇ ਦੱਸਿਆ ਕਿ ਇਹ ਇੱਕ ਰਾਸ਼ਟਰੀ ਪੱਧਰੀ ਸਮਾਗਮ ਹੈ ਅਤੇ 250 ਤੋਂ ਵੱਧ ਭਾਗੀਦਾਰਾਂ ਨੇ ਇਸ ਪ੍ਰੋਗਰਾਮ ਵਿੱਚ ਹਿੱਸਾ ਲੈਣ ਲਈ ਅਪਲਾਈ ਕੀਤਾ ਹੈ। ਜਿਨ੍ਹਾਂ ਵਿਚੋਂ ਉਪਲਬਧ ਦਿਸ਼ਾ ਨਿਰਦੇਸ਼ਾਂ ਅਨੁਸਾਰ ਦੇਸ ਦੇ ਸਾਰੇ ਖੇਤਰਾਂ ਤੋਂ ਲਗਭਗ 100 ਭਾਗੀਦਾਰ ਸ਼ਾਰਟਲਿਸਟ

ਕੀਤੇ ਗਏ ਹਨ। ਉਨ੍ਹਾਂ ਇਹ ਵੀ ਦੱਸਿਆ ਕਿ ਇਸ ਪ੍ਰੋਗਰਾਮ ਵਿੱਚ ਉਦਯੋਗ ਪੇਸ਼ੇਵਰ ਦੇ ਨਾਲ ਵੱਖ ਵੱਖ ਡਿਗਰੀ ਅਤੇ ਡਿਪਲੋਮਾ ਪੱਧਰ ਦੇ ਕੋਰਸ ਦੇ ਫੈਕਲਟੀ ਮੈਂਬਰ ਹਿੱਸਾ ਲੈ ਰਹੇ ਹਨ। ਡਾ. ਭਾਂਬਰੀ ਨੇ ਚਾਨਣਾ ਪਾਇਆ ਕਿ ਆਈਆਈਟੀ/ ਐਨਆਈਟੀਜ਼ ਅਤੇ ਉਦਯੋਗ ਦੇ ਪ੍ਰੈਕਟੀਸ਼ਨਰ ਜਿਵੇਂ ਕਿ ਨਾਮਵਰ ਸੰਬਖਾਵਾ ਦੇ ਵੱਖ ਵੱਖ ਫੈਕਲਟੀ ਮੈਂਬਰ ਇਸ ਪ੍ਰੋਗਰਾਮ ਦੌਰਾਨ ਆਪਣੇ ਭਾਸ਼ਣ ਰਾਹੀਂ ਭਾਗੀਦਾਰਾਂ ਦੀ ਜਾਣਕਾਰੀ ਵਿੱਚ ਭਰਪੂਰ ਇਜ਼ਾਫਾ ਕਰਨਗੇ।

ਡਾ. ਦੀਪਕ ਗਰਗ ਪ੍ਰੋਫੈਸਰ ਮੁਖੀ, ਸੀਐਸਸੀਈ ਬੇਨੇਟ ਯੂਨੀਵਰਸਿਟੀ, ਨੋਇਡਾ ਅਤੇ ਡਾਇਰੈਕਟਰ ਸੈਂਟਰ ਇੰਡੀਆ, ਐਨਵੀਆਈਡੀਆ-ਬੀਐਚਯੂਏ ਨੇ ਮੁੱਖ ਮਹਿਮਾਨ ਵਜੋਂ ਇਸ ਆਨਲਾਈਨ ਪ੍ਰੋਗਰਾਮ ਦਾ ਉਦਘਾਟਨ ਕੀਤਾ ਅਤੇ ਆਰਟੀਫੀਸ਼ੀਅਲ ਇਨਟੈਲੀਜੈਂਸ ਦੇ ਖੇਤਰ ਵਿੱਚ ਵੱਖ ਵੱਖ ਬੁਲੰਦੀਆਂ ਘਰੋ ਆਪਣੇ ਮਾਹਰ ਰਾਏ ਸਾਂਝੀ ਕੀਤੀ। ਕਾਲਜ ਪ੍ਰਿੰਸੀਪਲ ਡਾ. ਸਹਿਜਪਾਲ ਸਿੰਘ ਨੇ ਈ-ਲਰਨਿੰਗ ਉੱਤੇ ਕਰਵਾਏ ਇਸ ਪ੍ਰੋਗਰਾਮ ਨੂੰ ਸਮੇਂ ਦੀ ਲੋੜ ਦੱਸਿਆ ਅਤੇ ਪ੍ਰੋਗਰਾਮ ਲਈ ਕੋਆਰਡੀਨੇਟਰ ਨੂੰ ਵਧਾਈ ਦਿੱਤੀ।

जी.एन.डी.ई.सी. में ऑनलाइन ट्रेनिंग प्रोग्राम की शुरुआत

लुधियाना (रजनी) : गुरु नानक देव इंजीनियरिंग कालेज (जी.एन.डी.ई.सी.) में ऑनलाइन शॉर्ट टर्म ट्रेनिंग प्रोग्राम शुरुआत की गई। आर्टीफिशियल इंटैलिजेंस एंड मशीन लर्निंग विद डाटा साइंस विषय पर शुरु हुए प्रोग्राम का उद्घाटन इंफार्मेशन टेक्नोलॉजी विभाग द्वारा किया गया। डा. किरण ज्योति, फैकल्टी कोऑर्डिनेटर और इंफार्मेशन टेक्नोलॉजी विभाग की प्रमुख ने सबका स्वागत किया। प्रो. संदीप कुमार सिंगला और डा. पंकज भांबरी एस.टी.पी. के कोर्स कोऑर्डिनेटर रहे। इस दौरान प्रो. सिंगला ने बताया कि यह एक राष्ट्रीय स्तर का ईवैंट है और 250 से अधिक आवेदकों ने इस कार्यक्रम में भाग लेने के लिए आवेदन किया है, जिसमें 90 प्रतिभागी शॉर्टलिस्ट किए गए हैं। कार्यक्रम में डा. सर्बजीत सिंह (पंजाब विश्वविद्यालय, चंडीगढ़), डा. जितेन्द्र के. छाबड़ा (एन.आई.टी., कुरुक्षेत्र), विपिन गुप्ता (यूनेट सॉल्यूशंस), डा. पार्थ प्रितम राय (आई.आई.टी., रुड़की), इशांत कुमार (औरेबसिस टैक), नवजोत तुंग, डा. सुखजीत सेहरा, डा. दुर्गा तोषनीवाल (आई.आई.टी., रुड़की) और डा. विपुल के मिश्रा (बेनेट यूनिविर्सटी, नोएडा) ऑनलाइन अपने विचार पेश करेंगे। डा. दीपक गर्ग प्रो. एच.ओ.डी.सी.एस.ई. (बेनेट यूनिवर्सिटी, नोएडा) ने मुख्यातिथि के रूप में इस ऑनलाइन कार्यक्रम का उद्घाटन किया। एन.आई.टी. कुरुक्षेत्र के डा. जितेन्द्र कुमार छाबड़ा ने इंजीनियरिंग सिस्टम के लिए इंटैलिजेंस को जोड़ना विषय पर विशेषज्ञ से बात की। जी.एन.डी.ई.सी. के प्रिंसीपल डा. सहजपाल सिंह ने इस विषय को समय की आवश्यकता बताया और इंफार्मेशन टेक्नोलॉजी विभाग को इस तरह के महत्वपूर्ण प्रोग्राम करवाने के लिए बधाई दी।

जीएनडीईसी में शार्ट टर्म वर्चुअल ट्रेनिंग कोर्स शुरू

जागरण संवाददाता, लुधियाना : गुरु नानक देव इंजीनियरिंग कालेज (जीएनडीईसी) में आर्टिफिशियल इंटेलिजेंस एंड मशीन लर्निंग विद डाटा साइंस विषय पर शार्ट टर्म आनलाइन कोर्स की शुरुआत की गई। ये कोर्स कालेज के इंफरमेशन टेक्नोलाजी विभाग द्वारा शुरु किया गया। डा. किरण ज्योति ने कहा कि मशीन लर्निंग और डाटा साइंस समकालीन क्षमताओं के लिए फैकल्टी व रिसर्च स्कालरों के बीच जागरूकता लाने का कार्य करता है। कोर्स के कोऑर्डिनेटर प्रो. संदीप सिंगला और डा. पंकज रहे। प्रो. सिंगला ने बताया कि कार्यक्रम के 250 आवेदकों में से 90 प्रतिभागी शार्टलिस्ट किए गए हैं। डा. पंकज ने बताया कि कार्यक्रम में उद्योग पेशवरों के साथ विभिन्न डिग्री और डिप्लोमा स्तर के फैकल्टी भाग ले रहे हैं। इसमें पीयू चंडीगढ़ से डा. सर्बजीत सिंह, एनआइटी कुरुक्षेत्र से डा. जितेंद्र के छाबड़ा, आइआइटी रुड़की से डा. पार्थ, डा. दुर्गा, साबुद फाउंडेशन से डा. सुखजीत सेहरा शामिल हैं। कालेज प्रिंसिपल डा. सहजपाल सिंह ने उक्त विषय को समय की आवश्यकता बताया।

गुरु नानक देव इंजीनियरिंग कॉलेज में ऑनलाइन ट्रेनिंग प्रोग्राम की शुरुआत

...सम्मान बढ़ाएंगी, बल्कि उनमें आत्म विश्वास...

लुधियाना| गुरु नानक देव इंजीनियरिंग कॉलेज के इंफॉर्मेशन टेक्नोलॉजी डिपार्टमेंट ने ऑनलाइन शॉर्ट टर्म ट्रेनिंग प्रोग्राम आर्टिफिशियल इंटेलिजेंस एंड मशीन लर्निंग विद डाटा साइंस कराया। फैकल्टी कोऑर्डिनेटर डॉ. किरण ज्योति ने कहा कि इस कार्यक्रम को संचालित करने का उद्देश्य मशीन लर्निंग और डाटा साइंस की समकालीन क्षमताओं के लिए फैकल्टी और रिसर्च स्कॉलरों के बीच जागरुकता लाना है। प्रो. संदीप कुमार सिंगला और डॉ. पंकज भांबरी कोर्स कोऑर्डिनेटर रहे। आईआईटी-एनआईटी और उद्योग के प्रोफेशनल्स प्रसिद्ध संस्थानों के विभिन्न फैकल्टी सदस्य इस ऑनलाइन कार्यक्रम के दौरान अपनी विशेषज्ञ वार्ता करेंगे। डॉ. दीपक गर्ग ने मुख्यातिथि के रूप में ऑनलाइन कार्यक्रम का उद्घाटन किया। एनआईटी कुरुक्षेत्र के डॉ. जितेन्द्र कुमार छाबड़ा ने इंजीनियरिंग सिस्टम के लिए इंटेलिजेंस को जोड़ना विषय पर विशेषज्ञ से बात की। प्रिंसिपल डॉ. सहिजपाल सिंह ने इस तरह के महत्वपूर्ण प्रोग्राम करवाने के लिए बधाई दी।