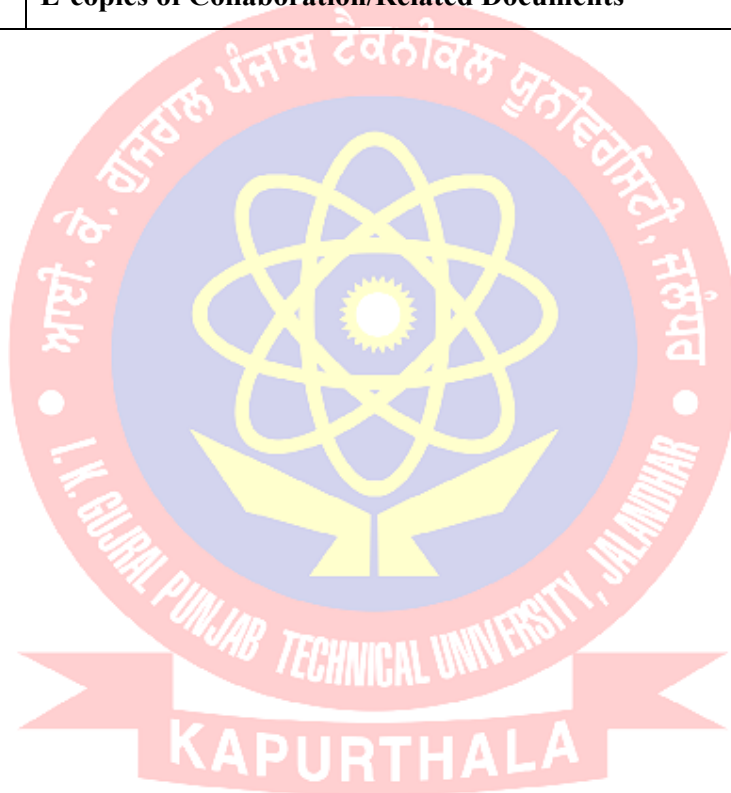# Department: Corporate Relations & Alumni

3.7.1

Collaborative activities with other institutions/ research establishments/ industry for research and academic development of faculty and students

Sl. No.	Documents Attached
1.	**E-copies of Collaboration/Related Documents**

3.7.2.1: Number of collaborative activities with other institutions/research establishments/industry for reasearch and academic development of faculty and students per year

S. No.	Title of the collaborative activity	Name of the collaborationg agency with contact details	Name of the participant	Year of collaboration	Duration	Nature of the activity	Link to the relevant document
1	TTT Session for HCIA Routing and Switching	Huawei	Dr. Raman Kumar, AP (CSE)	2019	01 Year	Huawei ICT Acadmy established at IKG-PTU Campus & FDP programme organised for University and affiliated college's faculty.	
2	Fostering Creativity & Innovation in Entrepreneurship	NITTTR	Er. Navdeepak Sandhu, Deputy Director (CR&A) Dr. Mrigender Singh Bedi, Assistant Director (CR&A) Dr. Dalvir Kaur Dhanjal, AP (ECE) Dr. Gazal Sharma, AP (Food Science & Tech.) Dr. Rajesh Narula, AP (Mathematics) Dr. Megha Goyal, AP (Mathematics) Dr. Rajpreet Kaur, AP (Mgmt.) Dr. Vivek Aggarwal, AP (ME) Dr. Barinderjit Singh, AP (Food Science & Tech.) Sh. Tarun Kanodia, Programmer	2019	01 Week	Short Term Training Programme	

Er. Navdeepak Sandhu
Deputy Director
(Corporate Relations & Alumni)

ਆਈ. ਕੇ. ਗੁਜਰਾਲ
ਪੰਜਾਬ ਤਕਨੀਕੀ ਯੂਨੀਵਰਸਿਟੀ ਜਲੰਧਰ

PTU PUNJAB TECHNICAL UNIVERSITY

Ref. No. IKGPTU/CRA/08   Dated June/03/2019

Directors/Principals
All the Institutions/ Colleges & University Campuses
IKG Punjab Technical University

Sub: **Huawei ICT Academy – TTT Session for HCIA Routing and Switching.**

Sir/ Madam

Huawei is organizing Train the Trainer session (TTT Session), where 5 nominated trainers/instructors from IKG PTU affiliated colleges shall undergo 6 day training boot camp with their certified Huawei Instructor. The training shall prepare the instructor for **HCIA Routing and Switching Certification and HCAI (Huawei Certified Academy Instructor) which is divided in 3 levels:-**

1.   Online theory exam – instructors are expected to score 850 and above out of 1000 marks (85% or more)
2.   Lab exam – practical exam on routing and switching using e-NSP simulator.
3.   Interview/Presentation – remote one-to-one interview/presentation with Huawei HQ.

The below dates are tentative and will be confirmed soon

Training Dates:	June 24, 2019 to June 29, 2019.
Online certification exam date:	June 28, 2019
Lab exam and Interview:	June 29, 2019
Training time:	10 AM to 6 PM (IST)
Training Location:	DAVIET Jalandhar (Punjab) (Training schedule shall be shared soon)

Important Notes:

- Instructors are expected to carry their laptops and writing pads to the training venues.
- Instructors have to arrange their own lodging, boarding (food – breakfast, lunch, dinner), local conveyances, travel, etc. for the TTT Session. There is no reimbursement allowed or managed during this training.

"Propelling Punjab to a Prosperous Knowledge Society"

I. K. Gujral Punjab Technical University Jalandhar

Jalandhar-Kapurthala Highway, Kapurthala-144 603 Ph.: 01822-662580 Fax: 01822-662573

Er. Navdeepak Sandhu
Deputy Director
(Corporate Relations & Alumni)

ਆਈ. ਕੇ. ਗੁਜਰਾਲ
ਪੰਜਾਬ ਤਕਨੀਕੀ ਯੂਨੀਵਰਸਿਟੀ ਜਲੰਧਰ

PTU PUNJAB TECHNICAL UNIVERSITY

Dated June/03/2019

Ref. No. IKGPTU/CRA/08

You are requested to please nominate one faculty member of CSE department from your college and forward the duly filled attached registration form at dr.anshubhasin@ptu.ac.in by May 05, 2019 before 1800 hrs. **Faculty will be selected on first cum first basis.** Since the instructor certification program is being carried on routing and switching, teachers shall be expected to have prerequisite knowledge on networking and data communication.

For any queries, you may kindly call Dr. Anshu Bhasin, Assistant Professor, IKG PTU, @ +91-9465884833.

With profound regards,

Deputy Director
(Corporate Relations & Alumni)

CC:

- **Hon'ble Vice Chancellor** for his kind information (through email).
- **Dr. Anshu Bhasin, Assistant Professor** & Authorized faculty, Huawei ICT Academy, for information (through email).

Huawei Certified Academy Instructor Application Form
(Please submit the electronic version and the scanned version)

Personal Particulars	Name in Full		Gender	☐ Male ☐ Female
	University Name		Department	
	Nation and City		Telephone	
	E-mail	the same as when you fill in Pormetric	Mailing Address	

Application Details	Application Type	☐ New Application ☐ Recertification	Technological Direction Applied for	☐ R&S ☐ Security ☐ WLAN ☐ Storage ☐ Cloud ☐ Bigdata
	Level Applied for	☐ HCNA ☐ HCNP ☐ HCIE	Career Certificate ID and Score	ID: Score:
	Assessment Applied for	☐ Lab ☐ Lecture select both items when it is the first time applied for select the items which you failed	Expected assessment date or Booking exam time	Make an appointment a week ahead of exam date

Professional Qualification

In reverse chronological order, starting with present or most recent employment

From Mth\Yr	To Mth\ Yr	Name of Organization	Award	Title and Description

Please list the training course you have learnt including huawei's training course.				

Training Experience

From Mth\ Yr	To Mth \Yr	Course	Training Centre	Duration

Statement	The information you provide is for the purpose of this exam and certificate issuance only. You hereby authorize Huawei Company to collect and process the following information provided by you for the stated purpose. At the same time, your information may be transferred to a third party Huawei or affiliated company of Huawei for the purpose of providing the service for you. The information you provide will be stored on the server of Huawei and / or its affiliates. The information may be transmitted outside your country, region or company and accessed, stored and processed outside the country.
Confidentiality Agreen	The test information and content are the property of Huawei Technologies Co., Ltd., and they shall be kept confidential in accordance with Huawei security and confidentiality regulations. Individuals shall not mention, discuss, record or release test information, including but not limited to test questions and content, outside the examination room. Huawei will take legal action upon violation of any of the above regulations. I have carefully read and understood the Confidentiality Agreement, as stated above, and I am willing to abide by the agreement. I will assume all consequences if I violate the above regulations. Date: Signature _____
Declaration	I declare that the information given in this application is correct and complete to the best of my knowledge. I understand that if I knowingly give false information or withhold any material information, Huawei has the right to rescind my HCAI qualification. Date: Signature _____

*Please put a "√" in the box whichever is applicable.
*Please ensure your HUAWEI's official website account could be logged in for this site:http://e-learning.huawei.com/elabportal/ebg/newindex/index?flag=elab
*Please submit the application form in which electronic version and the scanned version.Sent to the email:certification@huawei.com
*Examinee provide camera by yourself.

Office of Corporate Relations & Alumni

આઈ.કे. ગુજરાલ પંજાબ ટેકનીકલ યુનોવર્સિટી

PTU **PUNJAB TECHNICAL UNIVERSITY**

Estd. Under Punjab Technical University Act. 1996
(Punjab Act No. 1 of 1997)

Dated __Dec 05, 2019__

No. IKG PTU/CRA/46

Directors/ Principals
All the Institutions/ Colleges & University Campuses
I K Gujral Punjab Technical University

Sub: **Regarding one week short Term Training programme/ FDP on "Fostering Creativity and Innovation in Entrepreneurship" (Dec 16-21, 2019).**

IKG-Punjab Technical University, Kapurthala in collaboration with National Institute of Technical Teachers Training & Research (NITTTR), Chandigarh is organizing Faculty Development Programme (FDP) at IKG-PTU main campus from Dec 16- 21, 2019. Innovation and Entrepreneurship Development Coordinators (IEDC)/ Faculty of IKG-PTU campuses and affiliated colleges can attend the said programme.

The main objectives of the training programme are to impart knowledge on innovative management of Entrepreneurship Development Cells in various academic institutions. The programme will impart knowledge to participants on various aspects of fostering creativity and innovation in entrepreneurship so that they are better equipped to further motivate and guide their students to opt for innovation - based entrepreneurship.

In light of the above you are requested to nominate interested Faculty/ IED coordinator of your college /Institute to attend the said FDP at IKG-PTU, Kapurthala. Conformation in this regard may please be send through email at placements.ptu@gmail.com by December 11, 2019. For registration process and other details you may kindly refer to the attached brochure.

For any further detail you may please call undersigned at +91-9478098076.

With profound regards

MSBedi
5-12-19
Assistant Director (CR&A)

CC:

- **Hon'ble Vice Chancellor, IKG PTU** for his kind information.
- **Deputy Director (CR&A), IKG PTU** for kind information.

"Propelling Punjab to a Prosperous Knowledge Society."

Registration

Faculty interested in attending the Programme has to register individually for the Short Term Training Programme through the website of NITTTR, Chandigarh; and the first time they will be asked to pay annual convenience fee of Rs. 100/- (valid for one financial year). For understanding the registration procedure, the Programme Coordinator at NITTTR, Chandigarh or Local Coordinator at I.K.G.P.T.U. Main Campus Kapurthala (Punjab) may be contacted mutually convenient time.

Important Guidelines

1. Sponsored teachers from outstation Govt. / Govt. Aided Technical Institutions will be entitled for reimbursement for A.C. 3 Tier travel by Train / Bus as per the Institute's rules and will have to submit the tickets for the same. Further, as this training programme is being conducted at I.K.G.P.T.U. Main Campus Kapurthala (Punjab) which is an outstation institution, such participants will be reimbursed for stay and food as per Institute's rules (available at: http://14.139.60.236/stconline1/STCTADA-Oct2016.pdf) and will have to submit the bills for the same. Any difference of amount from the entitled allowable reimbursement on account of their travel, boarding / lodging etc. for attending this training programme will be borne either by their own selves or by their sponsoring institution. Payment due on account of entitled allowable TA/DA reimbursement shall be credited to the Bank Account of concerned individuals after the programme.

2. All the participants (from Govt. / Govt. Aided as well as Private Polytechnics / Engineering Colleges) will be provided working lunch and twice tea by NITTTR, Chandigarh. However, TA or expenditure on any other accounts (such as stay, akfast and dinner meals etc.) pertaining to participating hers from private colleges will be borne either by their own selves or by their sponsoring institutions [For further details the Institute's rules may please be seen at: http://14.139.60.236/stconline1/STCTADA-Oct2016.pdf].

3. In case the sponsored participant(s) institute is covered under TEQIP, the Course Fee @ Rs. 5000/- + 18 % GST per Participant will be charged. Also, their boarding/lodging will be on full payment basis. In addition, TA/DA of teachers from such institutes will be borne either by their own selves or by their sponsoring institute.

4. In case the sponsored participant(s) institute is other than Polytechnic / Engineering College or is an Industry, the Course Fee (as per norms) on individual basis will be charged. Also, their boarding / lodging will be on full payment basis. In addition, TA/DA of participants from such institutes will be borne either by their own selves or by their sponsoring institute.

▶ PATRONS

Dr. Shyam S. Pattnaik,
Director,
NITTTR Chandigarh

Dr. Ajay K. Sharma,
Vice Chancellor,
IKG PTU, Kapurthala

▶ MENTOR

Dr. S.K. Dhameja,
Professor & Head,
EDIC Dept.,
NITTTR Chandigarh

▶ COORDINATORS

Er. Amardev Singh,
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Er. Navdeepak Sandhu,
Deputy Director (Corp. Rel. & Alumni) and Incharge E-cell,
IKG PTU, Kapurthala
Mobile: +91-9478098040
E: navdeepak.ptu@gmail.com

▶ ORGANIZING COMMITTEE

Mr. M.S. Bedi,
Assistant Director,
Corporate Relations & Alumni,
IKG PTU, Kapurthala

Er. Gazal Sharma,
Assistant Professor (Biotech.) &
E-cell Faculty Coordinator,
IKG PTU, Kapurthala

Dr. Jujhar Singh,
Assistant Professor (Mech.) &
E-cell Faculty Coordinator,
IKG PTU, Kapurthala

Dr. Vivek Aggarwal,
Assistant Professor (Mech.) &
Nodal Officer Punjab Govt.
Startup Cell. IKG PTU, Kapurthala

Mr. Tarun Kanodia,
Programmer &
E-cell Coordinator,
IKG PTU, Amritsar

Ms. Sapna,
SSA,
EDIC Dept.,
NITTTR Chandigarh

Short Term Training Programme

16 - 21 December, 2019

Fostering Creativity and Innovation in Entrepreneurship

Organized By:

Entrepreneurship Development and Industrial Coordination (EDIC) Department
NATIONAL INSTITUTE OF TECHNICAL TEACHERS TRAINING AND RESEARCH
SECTOR 26
CHANDIGARH – 160019

in collaboration with

I.K. Gujral Punjab Technical University
Main Campus, Kapurthala - 144 603
(Punjab)

ABOUT NITTTR CHANDIGARH

National Institute of Technical Teachers Training and Research, Chandigarh, formerly known as Technical Teachers Training Institute (TTTI), was established by Ministry of Human Resource Development (MHRD), Government of India in 1967 to meet the requirements of training Polytechnic teachers for the growth and development of polytechnic education in the northern region of the country. It had the collaboration of Royal Netherlands Government up to 1974. The institute ushered into a new era in November 2003, with its changed name and enhanced status as National Institute of Technical Teachers Training and Research (NITTTR). It is one of the four such National Institutes in the Country with a focus on the Northern Region comprising the states of Haryana, Himachal Pradesh, Punjab, Rajasthan, Uttar Pradesh, Uttarakhand, National Capital Territory of Delhi, and Union Territory of Chandigarh, Jammu & Kashmir, and Ladakh. Presently, the outreach of the programmes and activities of the institute covers the entire gamut of technical education. It is now reckoned as a resource institute for the technical education system providing services to its clientele covering faculty/staff of technical institutions, officials of directorates/boards of technical education, central and state government departments, industry, students from technical institutes, community and trainees from overseas.

About the Organizing Department

Entrepreneurship Development and Industrial Coordination (EDIC) department was established at NITTTR, Chandigarh in the year 1983 with a view to introduce and promote entrepreneurship development and improve Industry-Institute Interaction (III) in the technical education system. Presently, the department provides services to the Engineering Colleges, Polytechnics, Management Institutes of the Country. The department is engaged in training of entrepreneurs, potential entrepreneurs, entrepreneur-trainer-motivators (ETMs), technical teachers, managers, administrators & professionals from industries. With a holistic approach to the promotion of

entrepreneurship and industry-institute interaction, the department is also conducting research & development studies; preparing instructional material (both print and non-print); offering assistance in curriculum design and review; providing extension services to client institutes and undertaking consultancy work in the broad areas of Entrepreneurship and allied aspects.

ABOUT IKGPTU MAIN CAMPUS KAPURTHALA

It was established as Punjab Technical University in 1997. Subsequently, in 2015 this university is renamed as I.K. Gujral Punjab Technical University by State Government in the honor of Late Sh. Inder Kumar Gujral, Former Prime Minister of India. The university started B.Tech. degree programmes in 2016 in the disciplines of Electronics & Communication Engineering, Computer Science & Engineering, Software Engineering, Computer Engineering, Electrical Engineering, Civil Engineering, Mechanical Engineering, BBA, MBA, M.Sc. (Mathematics), M.Sc. (Chemistry), M.Sc. (Physics), M.Sc. (Food Science & Technology), M.Sc. (Clinical Research), and M.A. (Journalism and Mass Communication).

The Key features about IKGPTU include:

♦ Ranked 96th in 2019 NIRF India Ranking and 3rd in Punjab after IIT Roopnagar & TIET Patiala

♦ Highly experience faculty with Ph.D. degrees

♦ 121 AICTE and 65 UGC affiliated colleges

♦ Scholarships for meritorious students and Freeship Schemes for needy students studying in the university campuses

♦ Student centric vibrant environment and state-of-the-art infrastructure spread over 78 acres of land

♦ Internet connectivity, Bank, Post Office, Canteen, Milk booth, Hostels & Transportation Facilities

PROGRAMME OBJECTIVES AND SCOPE

The main objectives of the training programme are to impart knowledge among participants on setting up and creative & innovative management of Entrepreneurship Development Cells in their institutions; and to orient the participants and impart knowledge to them on various aspects of fostering creativity and innovation in entrepreneurship so that they are better equipped to further motivate and guide their students to opt for innovation-based entrepreneurship.

Course Contents

The programme will encompass coverage around the following themes:

♦ Entrepreneurship in Present Times - Need and Importance

♦ Overview of Entrepreneurial Support Agencies

♦ Fostering Creativity and Innovation in imparting of Entrepreneurship Education by Institutions

♦ Three Phased Entrepreneurship Development Programme

♦ Facilities extended by Govt. of India for Students / Teachers / Educational Institutions for promoting Entrepreneurship

♦ Creativity, Innovation and IPRs for Entrepreneurs

♦ Developing Thinking as a Skill

♦ Team Work and Managing Group Dynamics for Fostering Creativity and Innovation in Entrepreneurship

♦ Bridging Gap between Academicians and Practitioners

♦ Creative & Innovative Management of ED Cells

♦ AICTE Proforma Guidelines on setting up ED Cells in Technical Institutions

♦ Task based session on Brainstorming for improving Innovation-based Entrepreneurship in Educational Institutions

♦ Action Plan for Promoting Entrepreneurship in Institutions etc.

Who Can Attend ?

Teachers from Colleges approved by AICTE / Polytechnics / Universities who wish to be a part of the Entrepreneurship Development movement.