Huawei ICT Competition India 2018-2019

CONNECTION GLORY FUTURE

After the phenomenal success of Huawei ICT Competition 2017-18, where top 3 National Finalists, represented India at the Global Finals held at Shenzhen China in May 2018 and won themselves the "Excellent Performance Award", Cognitel and Huawei are relaunching the most prestigious

GLOBAL HUAWEI ICT COMPETITION 2018-19.

The competition allows the college students to participate at an International Event, showcase their ICT Knowledge and earn themselves Global Certification and Attractive Awards.

Please find the details of the competition stages below:

Registration — Ends 10th Sep 2018
Mock Test — Ends 16th Sep 2018
HCNA Certification — Ends 30th Nov 2018
Huawei Job Fair — Dec 2018
National Finals — Jan 2019
SEA Regional Finals — Mar 2019
Global Finals — May 2019

List of awards for the performing students, throughout the competition:

1. **Top 500 scorers of the Mock Test** shall receive **HCNA Certification Exam voucher worth USD 200**, which shall enable them in participating in the Certification Exam process.

1. **Top 150 scorers of the Mock Test** shall receive **free training for Certification Exam**, which shall enhance their chances of earning the Global Certification credential.

1. All **HCNA Certified students** (students who score 60% or above) shall receive an **Invite to the Huawei Job Fair in Dec 2018** and surprise awards.

1. **Top 50 scorers of the HCNA Certification exam** (students who score 60% or above) shall qualify for the **National Finals** and receive free training preparation.

1. **Top 5 scorers of the National Finals** shall be felicitated at **Huawei Gurgaon with Certificates, Awards and Trophies**.

1. **Top 3 scorers of the National Finals** shall qualify for the **South East Asia Regional Finals**, where they shall compete with Top 3 students from Thailand, to secure their place in the Global Finals.

1. Students who qualify for the Global Finals, shall be awarded with **a sponsored trip to Shenzhen China, to participate in the International Global ICT Finals 2018-19**.

We need your support, in encouraging your students, to register themselves and participate in this International Event.
Students from the following streams can participate – Computer Science, IT, Electronics & Communications, etc.
Topics covered in the competition include Data Networking, LAN, WAN, IP Fundamentals, Routing and Switching and Data Security.

Special chance for the HCNA Certified students to secure a job with Huawei Partners at the ICT Job Fair scheduled in Dec-2018.

Students pursuing Bachelors or Masters, can visit
www.cognitel.com/ictcompetition and complete the registration process.

Please click the following link to view the Huawei ICT Competition 2017-18 Global Video -
https://www.youtube.com/watch?v=ps1Nn65my0A

Memories of 2017-18 Event

Huawei ICT Competition India 2018-2019

CONNECTION
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Welcome to the second Indian edition of the Huawei ICT Competition 2018-19. This is your chance to win attractive prizes that includes Free Huawei Certification Vouchers for Global certification, Free trainings, attractive prizes like Huawei Smartphones, visit to Huawei Labs and finally a fully sponsored visit to participate in the Global ICT Contest in Shenzhen China. The National Finalists will have an opportunity to represent India at the Global Finals at China and compete with the best of the best students from around the world and get global recognition for their knowledge, hard work and achievements. The finalists will have an opportunity to meet with other students from around the world to share ideas and experiences as well as get an understanding of Chinese culture and cuisine.

Competition Phases	Awards
Mock Exam	**Top 500 students** shall receive the **HCNA R&S Certification Exam voucher** (worth US$ 200) **Top 150 students** shall receive training for HCNA Certification preparation
HCNA R&S Certification Exam	Students who score 60% or above shall receive **Huawei Certified Network Associate (HCNA) Certificate** from Huawei. HCNA Certified students shall receive an **Invitation to attend the ICT Job Fair,** where they shall have a chance to secure job with Huawei Partners. Top 50 HCNA Certified students shall qualify for the National Finals
National Final	**Top 5 students** receive Certificates, Awards and Trophies. **Top 3 students** qualify for the South East Asia Regional Finals, where they compete with Top 3 National Finalists from Thailand, to secure position at the Global Finals
South East Asia Regional Finals	The winners of this round qualify for the ICT Global Competition, to be held at Shenzhen China. They compete with top students of other countries/regions
Global Final	**ICT Champion Trophy and Awards**

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Competition Phases	Competition Form	Place	Important Timelines	Remarks
Registration	Online Registration	https://www.huaweiacad.com	Ends 10th Sep 2018	Huawei ICT Academy website → Huawei ICT Competition India 2018-19 webpage
Mock Test	Online test (60 ques., 90 min.)	https://www.huaweiacad.com	Ends 16th Sep 2018	1. Top 500 students will be awarded Huawei Global Certification Exam vouchers. 2. Top 150 out of these 500 students will get free training from HALP
HCNA Certification – R&S	Proctored test	Appointed Test Centres in India	Ends 30th Nov 2018	1. Global Certification 2. Invite to ICT Job Fair (scheduled in Dec 2018) 3. Top 50 students qualify for National Finals
ICT Job Fair		Venue to be decided	Dec 2018	HCNA Certified students shall have an opportunity to secure job with Huawei Partners
National Finals	Proctored Practical test on eNSP tool (150 min.)	Appointed Test Centres in India	Jan 2019	1. Top 5 students get a chance to visit Huawei Gurgaon Lab and are awarded with Huawei Smart Phones, Certificates and Trophies 2. Top 3 students qualify for SEA Regional Finals
South East Asia Regional Finals	Interview	To be decided	Mar 2019	Top 3 students from India compete with Top 3 students from Thailand, to secure their position in the Global Finals
Global Finals	Practical Test and Interview (approx. 6 hours)	Huawei HQ	May 2019	Top 3 students from the Regional Finals travel to Huawei HQ to participate in the Global Finals

Huawei ICT Competition India 2018-2019

Knowledge Points in IP

1. IP Network Principles
- Ethernet and IP based data forwarding processes
- TCP/IP network protocols and data encapsulation
- VRP commands for basic navigation and configuration
- IPv4 addressing principles, address design and subnetting
- TCP/IP supporting applications such as Ping, Tracert, FTP, and Telnet

2. LAN Technologies
- LAN switching operations
- Link Aggregation application and configuration
- VLAN and GVRP and behaviour, application and configuration
- STP and RSTP switching behaviour, application and configuration

3. WAN Technologies
- Principles and application of serial technologies in wide area networks
- HDLC and PPP encapsulation principles and configuration
- Frame Relay and PPPoE implementation at the customer edge

4. Routing Technologies
- Static and dynamic routing principles
- RIP and OSPF dynamic routing protocol function and implementation in VRP

5. Network Security
- Traffic Filtering technologies and their application in the enterprise network
- User management through authentication and authorization schemes
- IPsec VPN technologies for protecting user data
- How network security is ensured by using network security technologies and firewalls

6. Network Management
- Network Management protocols and technologies

7. IPv6 Networks
- IPv6 principles and technologies
- IPv6 routing technologies
- Application services for IPv6 networks

ICT Competition Indian edition is being organized by Cognitel Training Services, in partnership with Huawei Technologies. Cognitel is an Authorized Learning Partner with Huawei.
Please feel free to reach Cognitel at +91 124 4917993 or email at support@cognitel.com. Visit www.cognitel.com.

For information w.r.t. the ICT Competition, please contact the below mentioned:
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Visit www.cognitel.com/ictcompetition to know more details about the Competition.
Like/follow us on our Facebook page – www.facebook.com/ictskillcompetitionindia

Highlights of ICT Competition India 2017-2018

2856 Registrations

Online Mock Test
Top 200 got free HCNA Certification Vouchers
Top 50 got free training from Cognitel

802

Classroom training sessions

Live Virtual Classroom sessions

HCNA Certification Exam
Conducted under Huawei Supervision in various test centres

Attempted by 157 students

41 HCNA Certifications

NITH

ACET | DAVIET | Manav Rachna | Sharda Univ. | NITH

Preliminary Examination
Conducted in 8 centres

524 Students

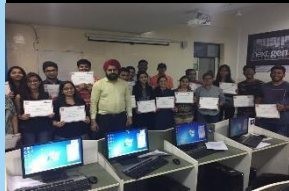ACET | Manav Rachna | NIET | DAVIET
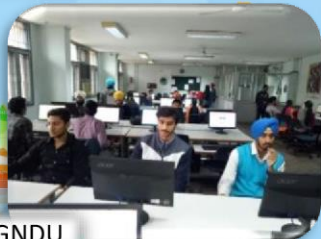
GNDU | NITH | Sharda | PTU

![HUAWEI]

![Cognitel]

ICT Competition India 2017-2018 National Finals

42 Finalists

Faridabad
27ᵗʰ Mar 2018

eNSP LAB TEST
- Conducted at two locations
- Proctored by Cognitel instructor
- Certificate of Achievement given to all finalists

Amritsar
26ᵗʰ Mar 2018

NATIONAL FINALS AWARD CEREMONY
- Top 8 Students were sent to **Huawei R&D Centre** in Bengaluru
- Students visited **Huawei Open Centre Lab**
- Students were felicitated by Mr. Li (HR Head – Huawei R&D Centre) and were given **Honor Credential Certificates & Huawei Honor Phone**
- Additionally, Top Three Students were awarded **Gold, Silver and Bronze Trophies**
- Students also visited the **Network Innovation Lab** at the R&D Centre
- The Award ceremony ended with **Lunch** organized by Cognitel and Huawei

Huawei R&D Centre Visit

Award Distribution

ICT Competition Global Finals 2017-2018
Indian Participation

The Top 3 National Finalists of ICT Competition 2017-18 represented India at the ICT Global Finals, held on May 15-16 (2018) at Shenzhen China.
The Indian Team were represented by:
1.   Dilpreet Singh Wadhwa (GNDU, Amritsar)
2.   Rohan Khanna (GNDU, Amritsar)
3.   Nitish Chopra (GNDU, Amritsar)
Mentor: Sarabjeet Singh (Cognitel Instructor)

Indian students had the privilege of meeting and interacting with students from other countries and regions. They visited Chinese Universities and Huawei HQ Lab

The Indian Team won the Excellent Performance Award at the Global Competition.