

**PTU**

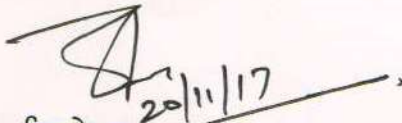
ਆਈ. ਕੇ. ਗੁਜਰਾਲ ਪੰਜਾਬ ਟੈਕਨੀਕਲ ਯੂਨੀਵਰਸਿਟੀ

**ਆਈ. ਕੇ. ਗੁਜਰਾਲ. ਪੰਜਾਬ ਟੈਕਨੀਕਲ ਯੂਨੀਵਰਸਿਟੀ ਜਲੰਧਰ**  
**I. K. GUJRAL PUNJAB TECHNICAL UNIVERSITY JALANDHAR**Estd. Under Punjab Technical University Act, 1996  
(Punjab Act No. 1 of 1997)**Dr. S. S. Ahluwalia**  
DirectorRef. No. IKGPTU/OM/SWDated 7590  
20/11/17ਪ੍ਰਿੰਸੀਪਲ/ ਡਾਇਰੈਕਟਰ  
ਆਈ.ਕੇ.ਜੀ.ਪੀ.ਟੀ.ਯੂ ਨਾਲ ਸਬੰਧਤ ਸਾਰੇ ਕਾਲਜ ਅਤੇ Campuses**ਵਿਸ਼ਾ:- Digital Action Plan 17-by-17 ਸੰਬੰਧੀ ।**

ਸਤਿਕਾਰਯੋਗ ਜੀਓ,

ਉਪਰੋਕਤ ਵਿਸ਼ੇ ਅਨੁਸਾਰ University Grant Commission ਵਲੋਂ Digital Action Plan 17-by-17 ਸੰਬੰਧੀ ਹਵਾਲਾ ਨੰ. F.1-1/2017(Secy) ਮਿਤੀ 10-11-2017 ਨੂੰ ਪੱਤਰ ਪ੍ਰਾਪਤ ਹੋਇਆ ਹੈ, ਜਿਸ ਵਿੱਚ ਮਾਨਯੋਗ ਮਾਨਵ ਸੰਸਾਧਨ ਵਿਕਾਸ ਮੰਤਰੀ ਵਲੋਂ Digital Action Plan 17-by-17 ਤਿਆਰ ਕੀਤਾ ਗਿਆ ਹੈ ਜਿਸ ਵਿੱਚ ਯੂਨੀਵਰਸਿਟੀ ਅਤੇ ਆਈ.ਕੇ.ਜੀ.ਪੀ.ਟੀ.ਯੂ ਨਾਲ ਸਬੰਧਤ ਸਾਰੇ ਕਾਲਜਾਂ ਨੂੰ AISHE PORTAL ਤੇ ਡਾਟਾ ਅਪਲੋਡ ਕਰਨ ਦੇ ਦਿਸ਼ਾ ਨਿਰਦੇਸ਼ ਦਿੱਤੇ ਗਏ ਹਨ। (ਪਤਰ ਦੀ ਕਾਪੀ ਨਾਲ ਨੱਥੀ ਹੈ)। ਇਸ ਲਈ ਆਪ ਜੀ ਨੂੰ ਬੇਨਤੀ ਕੀਤੀ ਜਾਂਦੀ ਹੈ ਕਿ ਆਪਣੇ ਕਾਲਜ ਨਾਲ ਸਬੰਧਤ ਜਾਣਕਾਰੀ AISHE PORTAL ਤੇ online ਦਿੱਤੇ ਗਏ ਪ੍ਰੋਫਾਰਮੇ ਵਿੱਚ ਭਰਨ ਦੀ ਕਿਰਪਾਲਤਾ ਕੀਤੀ ਜਾਵੇ ਜੀ।

ਇਸ ਲਈ ਆਪਜੀ ਨੂੰ ਸੂਚਿਤ ਕੀਤਾ ਜਾਂਦਾ ਹੈ ਕਿ University Grant Commission ਦੇ ਦਿਸ਼ਾ ਨਿਰਦੇਸ਼ ਦੀ ਇੰਨ-ਬਿੰਨ ਪਾਲਣਾ ਕੀਤੀ ਜਾਵੇ ਜੀ।

  
ਨਿਰਦੇਸ਼ਕ  
(ਵਿਦਿਆਰਥੀ ਭਲਾਈ ਵਿਭਾਗ)

ਉਤਾਰਾ:-ਰਜਿਸਟਰਾਰ  
ਕੰਪਿਊਟਰ ਵਿਭਾਗ (ਵੈਬ-ਸਾਇਟ ਤੇ ਪਾਉਣ ਲਈ)

*"Propelling Punjab to a Prosperous Knowledge Society"***I. K. Gujral Punjab Technical University**

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पी. के. ठाकुर  
सचिव

P. K. Thakur  
IP&TAFS  
Secretary



सत्यमेव जयते

विश्वविद्यालय अनुदान आयोग  
University Grants Commission

(मानव संसाधन विकास मंत्रालय, भारत सरकार)  
(Ministry of Human Resource Development, Govt. of India)

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D.O.F.No.1-1/2017(Secy)

10<sup>th</sup> November, 2017

Dear Sir/Madam,

You would recall that an important outcome of the National Convention on Digital Initiatives for Higher Education held in July, 2017 at Vigyan Bhawan, New Delhi was a 17 point action plan to be adopted and implemented by Universities.

In this regard, as communicated to you by the Hon'ble HRM, the "Monitoring portal for the Digital Action Plan" is now available on the AISHE website and can be accessed at <http://aishe.gov.in/digitalmonitoring/home>.

You are requested to log in on the portal and register the progress on each of these 17 points achieved by your University and affiliated colleges latest by 30<sup>th</sup> November, 2017.

With kind regards,

Yours sincerely,

(P. K. Thakur)

To

The Vice-Chancellors of all the Universities

Copy to:

✓ The Publication Officer, UGC, New Delhi for uploading on UGC website.

(P. K. Thakur)



## **Action Plan 17-by-17**

(17 points to be achieved by all the Vice Chancellors by Dec 2017)

### **SWAYAM**

1. Approve the courses on offer: The list of courses which are being offered for the coming Semester is available on [www.swayam.gov.in](http://www.swayam.gov.in) . All VCs and Heads of Institutions are requested to take approval of the Competent Authority (Academic Council/Senate) for these courses so that students can opt for them, and seek transfer of credits.
2. Publicise the courses: The SWAYAM courses shall be publicised by printing posters, WhatsApp messages, Facebook posts and Twitter accounts of the University. The objective is to reach as many people as possible so that they can get benefited by these courses.
3. Prepare new courses: If there are talented teachers in the Universities who are willing to place their course on SWAYAM, they should be encouraged. Such proposals may be sent to the National Coordinator for approval and for providing funding to prepare the courses.
4. Retrain teachers: All teachers may be asked to use the SWAYAM courses during their own teaching process so that we can have a blended learning process. The flipped classroom model, where the SWAYAM videos are seen at home, and there is a discussion in the class would help in improving the quality of learning.
5. Monitoring Cell: Every University should have a Digital Learning Monitoring Cell which reviews the current use of these digital resources and suggests way to improving their utilisation further in the university and the affiliated institutions.

### **SWAYAM Prabha DTH channels**

6. Buy Free Dish for accessing SWAYAM Prabha Channels: Every VC may instruct buying of the DD Free Dish from the market (costs about Rs. 1400 one-time cost only) and configure these



channels in their office first; and later install in as many classrooms as possible.

7. Mandate other affiliated colleges: The same message may be given to all the affiliated institutions for setting up these channels and operationalising them immediately.
8. Orient the teachers: VCs may hold orientation sessions for all the teachers so that they see and use these channels while teaching their courses.

#### National digital library

9. Join the NDL: All institutions and the affiliated colleges may immediately join the National Digital Library at <https://ndl.iitkgp.ac.in/>. This will help students to access more than 80 lakh digital resources at no cost. Universalise access: PI ensure that all the students log-in and join the NDL. While doing the class work/assignments, they may be asked to use these resources.
10. Digitise your libraries: All books in the libraries may be digitised and shared with the NDL at IIT Kharagpur so that it would add to the digital resources and there is greater sharing of the digital resources by all institutions.

#### National Academic Depository

11. Join the NAD: Every institution should join the NAD which hold all the certificates digitally. All the past certificates/degrees/diplomas issued should also be uploaded on to the NAD. For more details, please see <https://cvl.nad.co.in/NAD/home.action>

#### Other digital initiatives

12. Digital campus: All campus processes like admissions, academic calendar, attendance, assessments, result declaration, administration, pay roll, financial and such other processes shall be computerised.
13. Smart Campus: Every campus shall plan for efficient and economical use of water, electricity and waste. Use of solar power and water recycling systems may be planned for, as they would bring sustainability and savings in the long run.
14. Clean campus: Every campus shall participate in the Swachh Bharat Abhiyaan and achieve clean campus that has



clean toilets, systems for solid/liquid waste management. There will be swachhata rankings of all institutions and the best institutions would be rewarded.

15. Unnat Bharat Abhiyaan: Every institution to adopt atleast 5 villages and help in translating their knowledge for the use of the rural poor.
16. Innovation drives: Students may be encouraged to think out-of-the-box and arrive at solutions that are innovative. For this competitions may be organised for all students covering various areas. Every institution should try to participate in the hackathons that are being organised by various agencies, apart from Govt.

#### Planning

17. Plan for future: Every institution should plan for the future. They should constitute a group within the campus for preparing the following:
  - a. A 15-year vision: to determine where the institution would like to be.
  - b. A 7-year strategic plan: to work out medium term plans to reach there
  - c. A 3-year action plan: for immediate improvement of the quality of learning.

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<b>SWAYAM Prabha DTH channels – way to install</b>			
• Buy DD Free Dish from the market			
Technical Parameters for Installation and configuration of the system			
<b>Satellite – GSAT-15 from ISRO,</b> <b>Orbital location – 93.5 East, Ku- Band</b>			
<b>Channel 1 to 16</b>		<b>Channel 16 to 32</b>	
Receive frequency	- 11590 MHz	Receive frequency	- 11670 MHz
Symbol rate	- 29500 Ksps	Symbol rate	- 29500 Ksps
Polarization	- Vertical	Polarization	- Vertical
FEC	- 3/4	FEC	- 3/4





## MONITORING DIGITAL ACTION PLAN 17- by-17

(For University \*Information should be inclusive of all affiliated  
and constituent college if applicable)



Welcome Sumeer Sharma

(logout)

Response to all the items are MANDATORY.

### Institution Profile

a.

AISHE CODE

U-0382

b.

Name of Institution

I K Gujral Punjab Technical University, Jalandhar

c.

Address of the Institution

Punjab Technical University, Jalandhar-Kapurthala Highway Near Pushpa Gujral Science City

d.

State

Punjab

e.

District

Kapurthala

f.

PinCode

144601

SWAYAM



1.

**SWAYAM Indicator**

(\*Information should be inclusive of all affiliated and constituent college if applicable)

a.

No of students enrolled in Undergraduate courses on SWAYAM.

b.

No. of students enrolled in Postgraduate courses on SWAYAM.

c.

No. of SWAYAM courses approved for credit transfer for Undergraduate

d.

No. of SWAYAM courses approved for credit transfer for Postgraduate

**SWAYAM Prabha DTH Channels**

2.

**SWAYAM Prabha DTH Channels Indicator**

(\*Information should be inclusive of all affiliated and constituent college if applicable)

a.

No. of DD Free Dish installed in Institution.

b.

No. of classroom connected with DD Free Dish.

**National Digital Library**

3.

**National Digital Library Indicator**

(\*Information should be inclusive of all affiliated and constituent college if applicable)

a.

Total no. of students in Institution.

b.

Total no. of students having Login/Password with NDL.

c.

No of books digitized by the Institution for sharing with NDL

**National Academic Depository**

4.

**National Academic Depository Indicator**

(\*Information should be inclusive of all affiliated and constituent college if applicable)

a.

Since which year the Institution has uploaded the degree/diploma/ certificate on the NAD

(e.g year:1973)

b.

No. of degree/diploma/certificate uploaded on NAD



c.

No. of colleges/constituent colleges/ autonomous colleges registered on NAD

**Other digital initiatives**

5.

**A Digital campus:** Please indicate the below processes which has been fully computerized in your Institution.  
(\*Information should be inclusive of all affiliated and constituent college if applicable)

☐ Admissions

☐ Academic calendar

☐ Attendance

☐ Assessments

☐ Result declaration

☐ Administration

☐ PayRoll

☐ Financial

6.

**Smart Campus**

(\*Information should be inclusive of all affiliated and constituent college if applicable)

a.

Solar power capacity installed in KW.



7.

**Clean campus**

(\*Information should be inclusive of all affiliated and constituent college if applicable)

a.

Whether you Institution has participated in Swachh Bharat Abhiyan orgaized through AISHE portal.

☐ Yes ☐ No

8.

**Unnat Bharat Abhiyaan**

(\*Information should be inclusive of all affiliated and constituent college if applicable)

a.

No. of villages adopted in translating their knowledge for digital information

9.

**Innovation drives**

(\*Information should be inclusive of all affiliated and constituent college if applicable)

a.

No. of students partiapiated in innovative competion/Hackathons from your Institutions

**Digital Transaction**

10.

**A Digital Transaction Indicator (No. of Transaction)**

(Fees collection, scholarship payment, salary payment, utility Bill payment, Vendor payment etc).

(\*Information should be inclusive of all affiliated and constituent college if applicable)



**Academic/Hostels Fee collection**

Name

E-mail

Phone

City

**Scholarship disbursement**

Name

E-mail

Phone

City

**Salary/wages payments**

Name

E-mail

Phone

City

**Vendor/ utility/ maintenance bill payments**

Name

E-mail

Phone

City



<b>Canteen transaction</b>	
Name	
E-mail	
Phone	
City	
<b>Total digital payments</b>	
Name	
E-mail	
Phone	
City	

☐ I hereby certify that the above information given are true and correct as to the best of my knowledge.

**Instructions:**

Unless undertaking checkbox is checked, the form will not be submitted.

Submit

Reset