



Gujarat Technological University

A

Report

Of

Workshop

On

Contribution of AICTE and Affiliating type Universities towards “Start-up India, Stand- up India”

Date: 2nd September, 2015

Venue: GTU Auditorium,
Gujarat Technological University,
Chandkheda, Ahmedabad.

Inaugural Session and Keynote Speech

Gujarat Technological University organized a workshop by inviting **Dr. Anil Sahasrabudhe – AICTE Chairman** in order to promote an initiative given by **Honourable Prime Minister Shri Narendra Modi** on 69th Independence Day on “**Start-up India, Stand-up India**” at the university level in the field of entrepreneurship.

The inaugural session started with an introductory speech by **Mr. Naresh Jadeja, Deputy Director-GTU** whereby guest of honour of the occasion **Dr. Anil Sahasrabudhe – AICTE Chairman, Dr. Sunil Shukla – Director EDI, Dr. Nathan Rountree – CPIT New Zealand and Swami Sarvasthananda – Adhyaksha Ram Krishna Ashram Rajkot** were warmly welcomed. Mr. Jadeja gave an overview of GTU activities all throughout its journey. He also shared the vision of **Dr. Akshai Aggarwal, Honourable Vice Chancellor of GTU** along with the agenda of the workshop of **Honourable Prime Minister’s** new initiative on “Start-up India, Stand-up India”, which would encourage entrepreneurship among the youth of India.



University representatives welcoming eminent guests at Inaugural session

On this occasion **Dr. Akshai Aggarwal, Honourable Vice Chancellor of GTU** shared views by saying that:

It is a great pleasure for GTU to have Dr. Anil Sahasrabudhe – AICTE Chairman as a chief guest for this event. He addressed by congratulating the engineering students for having chosen this great profession and being associated with an Innovative university like GTU where students learn how to innovate things, change and improve the existing ones and the university along with the colleges are trying to move ahead in this area. He also added that subjects that are studied as individual components of learning are integrated into the product which are show cased as their final year project. There is a hope that every year certain projects will generate intellectual property for the faculty and the colleges with a good project. Dr. Aggarwal said that nation will become rich by new business, products, ideas and also effective use of existing products and technologies by implementing new concepts which ultimately leads to creation of wealth. He also gave examples of certain projects which were adopted by big and

small industries as a result of their sincere and non-repetitive ideas and encouraged the students saying that they need to convert every hour of their valuable learning into a fruitful outcome. Dr. Aggarwal discussed about the initiatives at GTU like the Active Learning sessions, Faculty Development Programmes (FDP) to change the methodology of teaching and learning, Confluence to change the examination pattern, soft skill development programs and many more. GTU is willing to provide work study grants to students for research and other related activities of academia as an opportunity to work with their teachers and it is also going to provide grants to colleges under the University Professors initiative under which the university will pay the salary of the college professors having highest calibre. Dr. Aggarwal ended his speech saying that GTU is always open to suggestions from all the faculty and students and is ensuring that every student will have great experience and is treated fairly throughout its engineering career. So let's all work together to make GTU the best university and let the students grow more and more.

Dr. Sunil Shukla, Director – Entrepreneurship Development of India (EDI) complimented GTU for taking the initiative of Honourable Prime Minister on “Start-up India Stand-up India” forward for the students and encouraging them to indulge into entrepreneurship and added that entrepreneurship movement started a long back in Gujarat by GIDC. He discussed about the initiatives undertaken by EDI for working in the area of entrepreneurship both inside and outside the state and ministries to include capacity building programmes at various stages. He also thanked AICTE Chairman to all the support provided to them as they are jointly working with AICTE approved institutions to add value to the students. Dr. Shukla congratulated GTU and Dr. Aggarwal for the Student Start-up Policy that GTU has come up with for the students and added that EDI and GTU has agreed to work together and are going to start the planned activities soon. Entrepreneurship is a life skill and we need to strengthen the ecosystem by promoting it for the aspiration of the students. Student's projects should reflect innovativeness and it should eventually be realised into the establishment of an enterprise. He advised to conduct workshops on opportunity sensing, business ideation, psychometric test for getting into entrepreneurship, strengthening ideas to convert into viable business plans, interfacing between innovators and investors and many more. Dr. Shukla ended his speech saying that EDI ensures that it will work with GTU and will try to give its best and it is soon going to evolve a model for entrepreneurship that can be implemented in all the parts of our country.

Dr. Nathan Rountree, HOD - Christchurch Polytechnic Institute of Technology (CPIT) New Zealand shared views saying that:

Dr. Rountree thanked GTU for giving this opportunity and described about the courses and the initiatives undertaken at CPIT for the education and research to encourage the students for entrepreneurship. The university should help the student to develop an attitude which makes them ready for employment. It should also encourage the students to begin their own business by taking risk to get an outstanding result. Students will become more responsible when they will learn to accept failure and celebrate their success. He emphasized that university should encourage students to face the challenges at an early age by giving an example of a company which helps young students to spend certain months at low cost at an incubation center to bring the product to market and then move on to next stage and become self-sufficient. He congratulated the GTU students addressing that they are fortunate enough to be a part of such a university which is continuously promoting for the career advancement of its students. Students need to have competencies in both technical as well as business communications and this pair will lead to the highest possibility of success and the best outcome.



(From top left) Dr. Akshai Aggarwal, Dr. Anil Sahasrabudhe, Dr. Sunil Shukla, Dr. Nathan Rountree and Swami Sarvasthananda sharing views at Inaugural session

Swami Sarvasthananda – Adhyaksha Ram Krishna Ashram Rajkot addressed the session on “**Unleashing the youth potential of India by creating innovation and student entrepreneurship eco system inside Universities**” as:

It is a pleasure that now young students of GTU will work upon the Honourable Prime Minister’s initiative of “Start-up India and Stand-up India” of which Stand-up India initiative was given by Swami Vivekanand. He suggested that changing mind-set is important for entrepreneurship and it can be achieved through life skills and leadership skills and not only through academic skills. An entrepreneur needs to come out of the comfort zone and his start-up should be need and consumer based and not greed based and this has been preached by the famous entrepreneurs all over the world. Swamiji appreciated GTU Innovation Council (GIC) for its wonderful work as a maker space and a place which serves as a pool of knowledge and resources and enabling students for seeking good jobs. He addressed the students saying that it is a golden age of creativity for them and it is better to start early for the society and the entire country. Students must develop enterprise spirit and needs to take bold risk by accepting the challenge to start a business which is going to convert a lot of information into concrete action. Swamiji congratulated GTU for the 301 patents that have been filed and for being one of the most innovative universities.

Dr. Anil Sahasrabudhe – AICTE Chairman addressed the session on “**Start-up India Stand-up India**” as:

Dr. Sahasrabudhe started his speech saying that it is a great confluence of having Dr. Akshai Aggarwal, Dr. Sunil Shukla, Dr. Nathan Rountree and Swami Sarvasthananda under one roof. It is a very challenging time for this country we are having a lot of hope from all the young people of India. He congratulated Dr. Akshai Aggarwal for all the initiatives that have been taken up by the university. Students need to learn the applications of whatever they have studied as a part of their curriculum and in this manner one can become an entrepreneur and employ others. He addressed Honourable Prime Minister’s

initiative of Start-up Stand-up India, Smart City and Swachh Bharat Abhiyan, Make in India, Digital India and many more. He advised students to visit villages and slums, observe the problems and formulate the projects which represents good model. There are many innovative projects that can be converted into products and services useful to the society. The university may empower faculty members to realize their responsibility for their rights and duties. Each member of the university should feel responsible and that spirit must be cultivated. Dr. Sahasrabudhe discussed certain parameters of improving the education system. One of them was to incorporate innovative methods like flipped classrooms and MOOCs such that teaching learning process becomes enjoyable. Another parameter was to improvise the examination pattern in order to eliminate the rote learning. He emphasized on the lifelong learning and to include subjects like biology in the curriculum. Morals, ethics and governance are also equally important for the universities and the university must recruit those from the industry and academia who are committed to their work. He also advised that entrepreneurship should be accelerated in other states as well and GTU may guide universities of other states in this direction. Dr. Sahasrabudhe explained two important schemes of AICTE. One is GIAN (Global Initiative for Academic Network) and another is Marg Darshan. These two schemes are devised to overcome the challenges of start-up, entrepreneurship, to implement hub and spoke model such that other universities may get benefit from the parent university, to encourage MOOCs and how to handle the online courses and encouraging all the affiliated universities to reach the level of NIT's and IIT's. AICTE is willing to empower technical education system at a larger scale. He ended his speech by wishing good luck to GTU and all the affiliated colleges.



Audience during the workshop

Mr. Naresh Jadeja summarized the session adding notes that GTU is willing to make pre-incubation centre for awareness of the start-up community. GTU will also help other universities to encourage taking up its new initiative of Design Engineering. He also thanked **Dr. Anil Sahasrabudhe, Dr. Sunil**

Shukla, Dr. Nathan Rountree and Swami Sarvasthananda for sparing their valuable time addressing the GTU students. He also thanked all the affiliated colleges and its students for viewing the entire session live.

Press Conference and MoU signing Ceremony

On this occasion, MoU was signed between Gujarat Technological University (GTU) and Christchurch Polytechnic Institute of Technology (CPIT) New Zealand for Smart City Project.



MoU signing ceremony between GTU and Christchurch Polytechnic Institute of Technology (CPIT) New Zealand

At the press conference, **Dr. Akshai Aggarwal** addressed the media saying that:

GTU has created the student start-up policy and Student Start-up Support System (S4) and it is willing to expand S4 centres all over Gujarat with the help of Gujarat government. He also added that GTU is working on Smart City projects as well and it is going to inaugurate the Smart City Lab.

Dr. Anil Sahasrabudhe – AICTE Chairman addressed the press conference as:

AICTE is willing to take up the start-up policy of GTU at the national level. AICTE will set up planning institute that will constantly map the requirements of skilled manpower in the country that will enable to approve the demand for new courses and new institutions. AICTE is working upon to improve the learning environment and hence more efforts are being put up to inculcate soft skills among students to improve their employability. AICTE will make efforts to increase the conversion rate of student start-ups to actual entrepreneurs.

Inauguration of Smart City Lab

Smart City Lab was inaugurated by Dr. Anil Sahasrabudhe where GTU students showcased their smart city related projects to the dignitaries.



There was a live telecast of the event for all the GTU affiliated colleges and students at the following link:

https://www.youtube.com/watch?v=ep3vq_be-3g

જીટીયુની સ્ટાર્ટ અપ પોલિસીને હવે રાષ્ટ્રીય કક્ષાએ લઈ જવાશે

નવગુજરાત સમય > અમદાવાદ
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જીટીયુ દ્વારા ડિગ્રી ઈજનેરી કોલેજોમાં અભ્યાસ કરતા વિદ્યાર્થીઓ પેકી જેઓ ઉદ્યોગ સહાયક બનવા ઇચ્છતા હોય અને આર્થિક સ્થિતિ સારી ન હોય તેવા વિદ્યાર્થીઓને નાણાકીય મદદ મળી શકે તે માટે સ્ટાર્ટઅપ પોલિસી લાગુ કરાઈ છે. વિદ્યાર્થીઓ દ્વારા તૈયાર થતા પ્રોજેક્ટરનું સ્ટાર્ટ અપમાં પરિવર્તન થઈ શકે તે માટે લાગુ કરાયેલી પોલિસીને આગામી છ માસમાં રાષ્ટ્રીય કક્ષાએ લઈ જવાની જાહેરાત AICTEના ચેરમેન દ્વારા કરાઈ હતી. જીટીયુમાં આયોજિત વર્કશોપમાં AICTEના ચેરમેન અનિલ સહસ્ત્રબુદ્ધ દ્વારા જીટીયુની ૪૮૯ કોલેજોના એક

GTU દ્વારા વ્યુઝીલેન્ડની પોલિટેકનિક સાથે MOU

જીટીયુ દ્વારા આજે વ્યુઝીલેન્ડની ક્રિસ ચર્ચ પોલિટેકનિક સાથે એમઓયુ કરાયા હતા. જેમાં સ્પેશિયલ શોર્ટ ટર્મ પ્રોગ્રામ, સેમેસ્ટર સ્ટડી એન્ડોક પ્રોગ્રામ સહિતની કામગીરી કરાશે.

લાખથી વધારે વિદ્યાર્થીઓ અને ફેકલ્ટીને નેટના માધ્યમથી જાણકારી આપી હતી. તેમણે વન વે કોમ્યુનિકેશન દ્વારા વિદ્યાર્થીઓને કહ્યું કે તમે માત્ર ડિગ્રી ઈજનેરી કે અન્ય કોઈપણ ક્ષેત્રમાં અભ્યાસ કરીને નોકરી મેળવવાના પ્રયાસ કરવા છતાં અન્ય વિદ્યાર્થીઓને

નોકરી આપી શકો તેવા સમર્થ બનો. નવા પ્રોજેક્ટ તૈયાર કરવા માટે તમે દેશના આંતરિક વિસ્તારોમાં જઈને ત્યાંની સમસ્યાઓ જાણો અને તેનો ઉકેલ આવે તે દિશામાં નવો પ્રોજેક્ટ તૈયાર કરો. જો આર્થિક મુશ્કેલી હોય તો સ્ટાર્ટ અપ પોલિસી તૈયાર છે.

આ ઉપરાંત સારા ટિચર્સ મેળવવા બી.ઈ. થયેલા વિદ્યાર્થીઓને એમ.ઈ.માં પ્રોત્સાહન આપવાની જાણકારી આપી હતી. જીટીયુના વાઈસ ચાન્સેલર અક્ષય અગ્રવાલે કહ્યું કે રાજ્યના મોટા શહેરોમાં સ્ટુડન્ટ સ્ટાર્ટ અપ સપોર્ટ સિસ્ટમ (એસ-ઈ)ના સેન્ટરે વિકસાવાશે. વિદ્યાર્થીઓની સ્ટાર્ટ અપ પોલિસી સફળ થઈ શકે તે માટે ખાસ દસ્તાવેજો તૈયાર કરાયા છે. જે સરકારને સુપ્રત કરાશે.

National fund, portal to be created; industry to be roped in

AICTE to push for nat'l student startup policy

dina correspondent
@inamtedad

Ahmedabad: Close to 10,000 institutes offering professional courses will soon have a student startup policy. The apex body for technical education in the country is pushing for a startup policy for all institutes affiliated to it. It will also come out with a common portal and a fund at national level to promote and finance business ideas of students.

"Lots of activity regarding startups is happening in small pockets in the country. We will streamline those activities," Anil Sahasrabudhe, chairman of All India Council of Technical Education (AICTE) told media persons after a Google Hangout with over two lakh students of 496 colleges in Gujarat on Wednesday. Sahasrabudhe said that all the above steps will be taken in next 6-12 months.

He said that GTU's startup policy can be a model policy for other universities and institutes. "We will showcase such success stories and that will encourage other institutes to come out with similar steps, rather than making things mandatory for them," he said.



In addition to the national level model startup policy, a fund will also be created to finance projects and business ideas of startups. According to students who have ventured into business during their educational career, this is the most critical intervention needed to take startup business ideas to next level. According to estimates, 90% of student startups fail before the proof of concept stage for lack of funding, mentoring and co-working space.

Bhagyesh Soneji, chairperson of Gujarat State Council of Association, proposed that it is ready to enlist all startups with innovative ideas on its website so that industrialists who find these projects interesting can take the startup to the next level. "Often, such information is not reaching industry," Soneji told dina.

by Kauffman Foundation, 57% of students in India aspire to become entrepreneurs.

"However, conversion to actual entrepreneurs is very less. We will make efforts to increase this rate," Sahasrabudhe said.

GTU VC Akshai Aggarwal said, "Efforts are being made to make faculty, trustees and other in academia to be agents of change. At least they should not be agents for blocking change."



The conversion of student startups to actual entrepreneurs is very less. We will make efforts to increase the conversion rate. We need to change the mindset of institutes, academia and even parents. While students are coming up to set up companies, the system has not maintained pace with it. Even the mindset of parents is becoming more conducive."

GTU ties up with Christchurch institute for Smart City project

Ahmedabad: GTU has tied up with Christchurch Polytechnic Institute of Technology to locally create manpower for setting up smart cities. GTU's representative, Ranikant Patel said that this will create job and business opportunities for students of all faculties. Unlike the prevalent notion that only technical manpower is needed in smart cities, students from humanities, management and various other streams are equally needed.

-Anil Sahasrabudhe, chairman, AICTE

GTU start-up policy to go national

TNN
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TIMES NEWS NETWORK

Ahmedabad: The chairman of All India Council for Technical Education (AICTE) on Wednesday said that he will replicate the start-up policy of Gujarat Technical University (GTU) in the national circuit. Prof Anil Dattatraya Sahasrabudhe while addressing a workshop on 'Contribution of AICTE and Affiliating Type Universities towards Start-Up India, Stand Up India' at GTU said that he will take up the policy nationally within six months.

GTU has created Student Start-up Support System (S4) and also drafted policy paper earlier this year.

Dr Sahasrabudhe addressed around one lakh students and faculties of 496 colleges online.

He advised engineering students to visit villages and bustling public places like railway stations and bus stations to know what kind of difficulties are faced by masses. He said that after studying the difficulties, students can make projects that can solve their problems.

Dr Akshai Aggarwal, vice-chancellor of GTU spoke on how GTU created S4 and plans to start S4 centres with the help of Gujarat government.

