



Students Start-up Support System (S4)

I-Scale Awards 2014

Innovative Students' Co-Creation Award for Leadership and Excellence (i-SCALE)

<http://awards.gtu.ac.in/iSCALE.aspx>

Date: 14th February 2014

Time: 10:30 to 17:30

Venue: Paryavaran Mandir, Naroda, Ahmedabad

Name of Initiative: **Bachhpan**

Initiative Functionality:

By taking vision to provide Better education to those children so that they can grow up and prove themselves as a successful human in society, we associated with a NGO named "Bachhpan". So to achieve this we are providing tuition classes without any charges on regular basis from 5-00 P.M to 6-30 P.M at their own place. We have started out activity from 1st June, 2013 and currently we are providing education to more than 200 children.

We also admit those children to schools who have left their education due to some reasons. We organize different activities like essay writing, Elocution Competition, Drawing Competition, Cultural and Sports activities to identify and improve their abilities and skills along with studies. This NGO is totally co-ordinated by student volunteers for the finance, each volunteer donate 1RS per 1 day (30 rs monthly) to the Organization.

Team: Sandip Golakiya, Sagar Gajera, Rohit Bodar, Robin Aghera, Akshay Golakiya

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Name of Initiative: **Aura Foundation**

Initiative Functionality:

Aura Foundation is currently a club based in SAL Technical Campus and a soon-to-be-NPO which started with a simple yet a very powerful reason of boosting the immense talent of every aspiring student. Every student has a passion irrespective of his academic field but no platform to support this young and raw talent. That's when we come in to nurture the talent & provide platform to those who are willing to follow their passion.

Basically we channelize their energy in right direction and make them a responsible social individual. Our goal is to foster a commitment to young people that will promote pro-social friendships, strong interpersonal skills, and reassert a sense of hope in the future. Only through personal relationships can a sense of individual responsibility be re-established that will give youth the commitment to follow through on path to adulthood with a sense of pride and accomplishment.

Our mission is to reach the youth of India and equip them with proper skills and making them social as well by our six core services and making partnership with different universities, NGO's and NPO's all over India.

We basically offer six services namely-

1. **PLAYzeria-** PLAYzeria is a student organization, formed by individuals motivated by a common interest and desire to participate in a favorite sport activity. It may be competitive, recreational, instructional, social, or all of these.
2. **Arts & Theatre-** Every person has an art that he/she would love to showcase to the world. But unfortunately most of the times these arts are overshadowed by the constant pressure of studies and other extracurricular activities that one is forced to do in his/her daily life. It helps in unleashing their hidden talents, which have been dormant for so many years and only needed an impetus for it to surface.
3. **Lens-Art-** At the heart of Lens Art will be the activities that engage the membership and provide opportunities to feed their passion for photography. Whether attending a meeting (meetings) and learning a new technique, taking shot for a photo assignment or attending a photo trip (trips) and sharing their knowledge with other members, it provides a framework for members to be involved in photography on a regular basis.

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4. Automobile- It provides a platform to the students to share and increase their 'engineering' know-how through increased interaction between students at all levels, group discussions, brain-storming sessions, projects etc. It organizes many industrial visits and technical lectures. The members will also participate in international events like BAJA SAE and SAE supra. We have support from SAE and ASME for it.
5. iDEA Cluster-“We don't find jobs, we create one” .Design and Innovation blended effectively with applied research will be the main focus of this centre which will not only act as a coordinator and facilitator but will become a single-stop solution centre for all activities related to innovation – from mini student projects to large scale sponsored research and consultancy projects, training in lateral thinking, graded training in innovation and incubation of business-potential innovations. In this students will share their ideas and develop it.
6. ROBO. Troops-It offers indispensable guidance, workshops and tutorials along with tools, equipment, components and work-space for enthusiastic students in electronics and robotics. Our main target is ROBOCON.

Team: Shah Darshil Sunilkumar, Bhagat Nihar Dharmendra, Kinkhabwala Anal Janak, Patel Yash Hemantkumar, Sherasia Naman Narshinbhai, Pathak Vishesh Jayeshbhai

Name of Initiative: **Centre of Excellence**

Initiative Functionality:

Centre of Excellence (COE) started its journey on 22nd March, 2012 with 4 founding fathers – Prof. Harsh Parikh, Shalin Parikh, Devesh Patel & Yash Bhavsar. Initially it started with little idea to excel in Civil Engineering Department and later on covered all branches of LJET. Past one year has been very special for the COE.

February, 2013 came with a new boost up with expansion to junior classes of Civil Engineering Dept. Workshop on “Total Station Advance Surveying Instrument” & Visit to “Kotarpur Water Works” was organized. March, 2013 saw the initiative of two new tasks “LJ Campus Beautification” & “LJ Campus Parking Solution”. Under LJ Campus Beautification task, Solar Clock project was initiated with efforts of first year students from multiple departments. Thus, COE was expanded from Civil Dept. to Mech., E.C., Computer and IT Departments. In June, 2013 a mega workshop named Foundation was organized on the theme of ‘Fundamentals of Civil Engineering’. This workshop covered all major aspects of the field ranging from architecture, govt. norms & guidelines, site visit, soil testing, structure designing and real estate finance management.

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After successful completion of above projects and workshops demand from students have increased to initiate with other such projects and organizing various workshops for their skill development, which leads to formation of TEAM COE. Team COE consists of students from multiple departments, who voluntary supports the cause and assists each other to learn & manage things in this endeavor. First task in-front of the new team was to celebrate Engineers Day at LJ Campus on 14th September-2014 for the first time, which the team completed wonderfully within 7 days. Huge appreciation spread for the team by the management and faculties of the college. Link of the Report was published on GTU's website.

Recently Winter School was organized to utilize vacation period for skill development and industry interaction. 350+ participants from 17 different institutes participated actively in 12 different workshops. This School is the second result of team's combined efforts. Also Robotics Cell & Automobile Cell for various departments has been initiated for increasing their in robotics and automobiles and participate in national competitions like Robocon & BAJA. At present Team is working with full efforts for Techventure 2014 – Technical Festival of LJJET scheduled on 20-22 March, 2014.

Team: Shalin Parikh, Devesh Patel, Bhushan, Lalit, Siddharth

Name of Initiative: **Youth Connect**

Initiative Functionality:

Youth Connect is India's only youth media house established by a group of students. We produce a monthly print magazine and also operate a news/feature/opinion based website. We operate as a professional media set up with all team members working in a voluntary capacity. We are presently working on new models to make people read - which is our vision - and are employing technology to come up with solutions.

Team: Rahul Bhagchandani, Divesh Aswani, Kaushik Akiwatkar, Dhruvang Thakkar,

Aakash Kapadia

Name of Initiative: **Aasmaan Foundation**

Initiative Functionality:

Aasmaan started as a small group of students who had passed their 10th standards in may 2009 and wanted to give back something to the society. We registered ourselves officially as an NGO

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last year and today have 120 volunteers all from different colleges of Ahmedabad. We have a 8 member core team, 5 of which are GTU engineering students. We carry out various projects for development of slum kids and also to raise funds for these kids.

In the last year we have opened 3 teaching centers as a part of AASMAAN Teaching Project (ATP) where we are currently providing basic education and Good behavior skills to around 100 municipal school kids. We also carried out a project "Let's Go Shopping" on 2nd October where we set up a shopping mall for underprivileged children selling clothes, toys, footwear, stationary, etc. We had over a month collected nearly 10,000 used items from different parts of Ahmedabad for this one day shopping extravaganza for the kids. 100 kids of 2 different NGO's were invited and we provided them fake AASMAAN Money to give them an actual shopping feel. The kids took away all items they could buy with their fixed money to their homes very happily as they had new stuff for Diwali.

We also carried out a dental Check up Camp on the same day for the kids. Amongst our other major ongoing projects is Project 225 where we plan to gather Rs 2, 25,000 by the end of April this year. We have identified 15 municipal school kids with potential and we plan to shift them to private schools with this money. As a part of Project 225 we had set up a food stall, "FOOD FOR THOUGHT" at IIM Road for 8 days and we gathered a substantial amount from it.

We also carried out a Blood Donation camp on 15th August. We have been carrying out notebooks and stationary distribution to slum kids since last 3 years and this year along with that we also carried out winter kit distribution to help kids in severe cold. Almost 90 out of the 120 Volunteers of Aasmaan are GTU students studying Engineering, Architecture, Diploma and MBA.

Team: Viral Shah, Anand Nanavati, Raj Jash, Koonj Shah, Karan Patel, Darshil Parikh,

Nirmam Shah, Henil Maniar

Name of Initiative: **GTU S4 Entre Weekend, GTU S4-S4, GTU S4 Bootcamp, Startup Weekend Ahmedabad, Startup University, VAK**

Initiative Functionality:

1) GTU S4

a) GTU S4 Entre Weekend- Under the guidance of our visionary Hon'ble Vice Chancellor Dr. Akshai Aggarwal Sir and Mr. Hiranmay Mahanta Sir, we launched this initiative of creating

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startups within a weekend by assimilating various skills of students and working them in correct direction with the help of a pool of mentors belonging to diverse background.

b) GTU S4-S4- Under this initiative, 21 student startups were brought together under one roof for a demo pitch which was held in presence of distinguished jury. A co-creation session was conducted wherein startups collaborated to form services through which they can be mutually benefitted.

c) GTU S4 Boot camp- Student startups conducted a Business Model Canvas and eventually pitched their B-Plan to judges. This activity was of utmost help to those student startups that were in initial customer's stage.

2) Indian Institute of Management Ahmedabad-

a) Startup Weekend Ahmedabad- Startup Weekend is a global entrepreneurship program conducted in more than 1000 cities and has produced more than 10K startups and more than 200 thousand entrepreneurs. This program was India's largest and most successful Startup Weekend in terms of number of participants and number of women entrepreneurs. 16 startups emerged and out of 16, 7 startups are successfully running.

b) Techpedia's Gandhian Young Technological Innovation Awards- We volunteered in GYTI Awards to help this initiative of supporting innovator, both in 2012 and 2013.

3) Startup University- Under this initiative, we are building a platform of startup education. It would go online in the month of April.

4) VAKSGUJ(Career Labs)- This initiative was started in 2012 to help the 12th pass-out students to choose their engineering discipline based on their interests and was visited for more than 45K times. This year, we would be refreshing the content and adding a few more aspects to help 10th standard students.

5) Helped in establishment of S4 extension Center in Silver Oak College of Engineering and Technology.

6) Conducted Startup Week 24*7 at L.J. Institute of Engineering and Technology which saw 463 ideas after sensitization of 10K students and successfully creating 20 startups which are currently incubated at Entrepreneur, The Business Incubator.

7) Accelerating the movement of GTU Innovation Council in our respective colleges.

8) Organized iCreate's Spark up Idea Fund and ideation seminars in our respective colleges.

9) Helped in organizing iCreate's What Next 2013-12 Emerging Technology at AMA.
Team: Kunal Udani, Jainik Shah

Name of Initiative: **Research/Innovation and Entrepreneurship development**

Initiative Functionality:

According to the scenario that our team analyzed in our college, we could easily identify the gap that the students faced in terms of awareness and perspective towards innovation and entrepreneurship. We found that just by nurturing the abilities and potential of the students, a lot of tangible results could be achieved. Our motive towards taking this initiative was to bridge this gap and provide a support system to the student community.

The first leadership experience that we took was to organize and deliver our own International Technological Symposium called Projections '13 in the campus. Our whole team was a part of the core committee of the symposium where we gained a lot of hands-on experience about various functions. We inculcated the entrepreneurial outlook in the students by pioneering the support system in the campus. We started by forming a team and working on a particular IT based innovation, which is a HR optimization system for the campus dedicated towards re-engineering the recruitment processes and tracking the overall development of the students. This also intended to reduce the communication gap between the students and the faculties or the management.

Along with this we supported and facilitated the idea behind the formation of the Students' Council in the campus. Our indulgence in the same led us to participate in the GTU Innovation Council Startup Weekend S4. The idea of entrepreneurship was truly incepted in us in the course of developing a technological innovation along with a venture plan in a couple of days. This led us to win the First prize in the S4 weekend.

In accordance to our activities, the students in the campus were already charged up for taking up the path of innovation and entrepreneurship. After coming back from S4, we organized and facilitated the S4 extension called The Startup Factory in our campus. We mentored the students for developing their innovative ideas and venture plans. This gave a strong push to the startup movement in the campus. Being in the students' core committee for the Entrepreneurship Development Cell of the campus, we actively took part in nurturing other projects and gave valuable inputs to their plans.

We initiated a research fraternity in our department for nourishing research in the students at an early age. This group has led to create a higher importance of research for the students and they have started to indulge in research at an early stage.

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The Entrepreneurship Development Cell nominated us for the esummit 2014, @eCell, IIT-B which was a national level entrepreneurship summit. The experience and learning that we earned from the eSummit helped us to develop a similar structure in our campus. Being at this stage, we have started to deliver all our experience and knowledge to the students across 19 colleges in the campus.

We have planned to organize a large scale seminar on innovation and entrepreneurial journey for all the interested students. We are also designing specific sessions for the students on various topics like research, marketing, idea generation, social media marketing, ecommerce and social entrepreneurship which we are going to deliver ourselves to the students. All these are initiatives taken by our team with a vision to bring change and awareness in the students towards the current trends and opportunities they have. We believe in “LEARN, EXECUTE and TRANSFER” which has been our strong motivation.

Team: Gaurav Gadhvi, Swapnil Gavade, Aarzoo Patel, Prawal Sharma, Ashmi Bhanushali

Name of Initiative: **Students' Council**

Initiative Functionality:

What is student council?

The student council helps share students’ ideas, interests, and concerns with teachers and school principals. It is constituted to give a platform to the students to showcase their talents with proper guidance and support. This would motivate the students and make them more oriented towards their career objectives.

What’s the need?

We find that there is a huge wastage and stagnation in education. Many students fail to get a job or even complete a bachelor’s degree. Many of these have to suffer throughout their life. They feel difficulty in learning or acquiring some or the other piece of knowledge and skill. It leads to the wastage of human as well as national resources. Such wastage and stagnation can only be checked through a suitable program of educational cum extra-curricular guidance.

Project VIBGYOR Information Schemas An Identity card will be given to each member of students’ council, The color of this ID Card will represent the level of Technical Skills, Field Expertise, Social & Cultural exposure & communication skills of the member. Cards Nomenclature Red Card – Novice, Entry level Orange Card – Tyro, First level Yellow Card – Eminent, Second level Green Card – Head, Third level Blue Card – Supreme, Fourth level Indigo Card – Chief, Fifth level Violet Card – Elite, Final level The respective card is handed out to the

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applicant, when it's certain eligibility criteria is fulfilled & required documents are submitted to H.R. committee as a proof.

Cards are allocated on the basis of ingenuity & proficiency in following traits:

Intelligence Quotient (I.Q.)?

Social & Cultural Skills?

Academic Performance?

Technical Knowledge?

Project Skills?

Sports Performance

The above traits are broadly classified into two basic categories

1. Academic Performance.
2. Participation in co-curricular activities.

Full Document: <http://www.p14.in/scm.pdf>

Team: Aman Batra, Prawal Sharma, Ashmi Bhanushali, Gaurav Gadhvi, Swapnil Gavade, Aarzo Patel, Rahul Soni, Siddharth Dhanuka

Name of Initiative: **Education awareness program**

Initiative Functionality:

To make the students aware about the career opportunities by providing the guidance and support for their higher studies. They are informed about the skills and the knowledge required for the employment. Main goal is to motivate the students to attain their goals and help them to pave a way to succeed.

Team: Oza Mayur, Prajapati Mehul, Solanki Sidhdharth, Vyas Dhruv, Mansuri Zakvan

Name of Initiative: **Agnee**

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Initiative Functionality:

The Baja SAE India is a national level competition that challenges college students to design, fabricate, and race an off-road vehicle; the vehicles being judged through both dynamic and static events. We designed the Baja car as if it is a prototype for a company. The objective was to apply our knowledge gained in class and put it into practice. It also helped us in managing time as well money and to tackle different situations which turned out into individual's development in different fields.

Team: Neel Nitin Sheth, Narendra Panchal, Atharva Muley, Abhi Shah, Prakhar Pandey, Dharendra Lodha, Pujan Parikh, Samik Parikh, Aakash Chimnani, Jignesh Puri, Reynold Christian, Shaurya Shah, Jimit Patel, Hitesh Patel, Indrajit Solanki, Dashrath Prajapati, Yash Trivedi, Jigar Suthar, Vinod Khabrani, Anand Patel

Name of Initiative: **GTUPedia**

Initiative Functionality:

It works as a link between students, faculty, material available on net, projects, media and many more things the unique feature about our initiative is that we provide every relevant information of the needed at one place on one go.. This helps the user in reducing workload as well as getting through irrelevant information's and so. and not only working towards solution we even discover new problems work on it allow every user to work over it and that helps us bring out the best solution and it will then be available through .the system so developed would even be beneficial to the students belonging to the remote areas where they even find difficulty using internet there were present a user friendly, directivea lot more to say and go on GTUPedia.

Team: Dhruv Saidava

Name of Initiative: **ASME HPVC 2014**

Initiative Functionality:

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Under the aegis of ASME, HPVC was held in India for the first time. The objective was to provide students with an opportunity to demonstrate the speed and reliability of their vehicles. In that event, 36 teams including IIT-Bombay, NIT-Patna, NIT-Rourkela, BITS (Birla Institute of Technology and Science), LPU (Lovely Professional University), DTU (Delhi Technological University) and many more took part and competing with them was a sturdy task but our optimism was on a giant height. Team was selected and work was planned as well as distributed in a proper manner. In a regular meeting, there was a proposal to include an industry as a sponsor and thus boost the student-industry as well as institute-industry relation. So with all the designs, plan and the proposal, students approached a well known leading manufacturers of 3 Wheeler Commercial Vehicles, Goods Carriers, Passenger Carrier etc from Rajkot named "ATUL AUTO PVT. LTD". It was a high-quality response from them and finally agreed for a sponsorship of Rs. 25000. This augmented the momentum of students. Considering all the events, the cycle had been designed and was ready to perform in the competition. It had many new specifications and an innovative design which spotlighted the safety as well as the comfort of the rider. Finally "PINAK" won 3rd "Endurance race" which finally ended up as 4th prize in "Drag race" and 2nd position in the overall rankings. Participation in this huge event augmented our confidence as well as offered us a good opportunity to interact with different engineering communities over India.

Team: Jijo Christudas, Nawaz Ghodi, Maitreya Rana and Robin Ranjan

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Pictures of the Event



Picture:



Picture: Award to Aura Foundation

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Picture: Award to Shiksha Free Education



Picture: Award to Youth Connect

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Picture: Award to GTUPedia



Picture: Award to Shiksha Free Education

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Picture: Award to Aura Foundation



Picture:

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Picture: Award to Aasmaan Foundation



Picture: Award to Bachhpan

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Picture: Award to SCRIB

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Feedback

The award was just an accessory when it comes to the support provided by GIC right from the inception of our idea back in 2012. This award has motivated the team to take the startup to other unexplored divisions. Thank you once again. We appreciate the efforts put in by GIC and especially personal inputs by Mahanta Sir 24*7.

- Kunal Udani (VAKSGUJ)

It was very amazing moment for us. We got motivation to do such Nobel work. And we are thankful to GTU Innovation Council (GIC) for this award.

- Sandip Golakiya (Bachhpan)

Our team's I-Scale Ceremony experience was splendid. We met the other winners and had fruitful conversation with them. We learned a lot on that day. I-scale award gave boost to each and every member of our team to work harder. Our organization is planning something really great for college youth right now which will re-engage them in research and education. So, looking forward to next award ceremony.

Darshil Shah (Aura Foundation)

Report compiled by:

Malay Shukla (GIC Fellow, SALITER)

Juned Shaikh (GTU Innovation Council)