

Speech on Inaugural Function of “JIDNYASA-2015 EVENT” in MIT Engg A’bad on 20-02-2015.

Respected

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and my dear fellow participants good morning.

I am really very much thankful to organizer for giving me this opportunity to share my views on this “Jidnyasa-2015” important Event.

Let me congratulate to all faculty members, non-teaching staff and student volunteers for great arrangement of this beautiful and important event. I also take this opportunity to congrats them for selecting such nice theme.

I am sure this event is fruitful and u all have got good platform to show your natural skills, talent and innovative ideas. Area selection and start is very much important because starting is like half work done. If u r ready to do hard work you can make wonders in any area.

“The ups and down in life are also very important to keep us going.... because a straight line even in an ECG means we are not alive....!”

About Hard Work

We don’t have any alternative for hard work.

“Path of success is not easy, nor swift”.

Everybody has to go through scratch. There is no magic which can make wonders in one night. We have to take efforts, planning, regress follow-up, then only good things can come up.

“If u have miss anything in life, don’t fill your eyes with tears! It may hide yet another beautiful thing standing in front of u!!”

I am very happy to see projects you all have designed and their practical application to solve our current problems. Friends, just now I saw innovations displayed with enthusiasm and high energy. After seeing exhibits of creativity, one aspect I realize, that is, creativity have come from any part of the country, any laboratory, or any environment, so the basic knowledge is innovation and creativity.

"When I wish upon a star, makes no difference who I am.

Anything my heart desires will come to me"

Innovation

A nation's economic development is powered by competitiveness. Competitiveness is powered by knowledge. Knowledge is powered by technology. Technology is powered by innovation. Technology and innovation are powered by resource investment. Innovation opens up new vistas of knowledge and new dimensions to our imagination to make everyday life more meaningful and richer in depth and content. Innovation is born out of creativity.

Creativity

In a knowledge society, we have to make innovations continuously. Innovations come through creativity. Creativity comes from beautiful minds. It can be anywhere and any part of the world. It may start from a fisherman hamlet or a farmer's household or a dairy farm or cattle breeding center or it could emanate from classrooms or labs or industries or R&D centers. Creativity has multi dimensions like inventions, discoveries and innovations. Creative mind has the ability to imagine or invent something new by combining, changing or reapplying existing ideas. Creative person has an attitude to accept change and newness, a willingness to play with ideas and possibilities, a flexibility of outlook, the habit of enjoying the good, while looking for ways to improve it. Creativity is a process through which, we can continuously improve ideas and find unique solutions by making gradual alterations and refinements to our works. The important aspect of creativity is seeing the same thing as everybody else, but thinking of something different. Innovation and creativity ultimately results into the culture of excellence.

I congratulate all the innovators for their culture of excellence resulting many innovations and I am sure, some of them may take a shape into a product for applications for our society.

Knowledge Equation

Friends, knowledge makes you great. Now you know the importance of knowledge. When you leave your schools, a great friend is accompanying you. Who is that friend? That friend is - knowledge. Now, I am going to give the knowledge equation.

Knowledge = Creativity + Righteousness + Courage,

Creativity

"Learning gives creativity

Creativity leads to thinking

Thinking provides knowledge

Knowledge makes you great"

The next component of knowledge is righteousness. Righteousness is described in a divine hymn.

Righteousness

Where there is righteousness in the heart

There is beauty in the character.

When there is beauty in the character,

There is harmony in the home.

When there is harmony in the home.

There is an order in the nation.

When there is order in nation

There is peace in the world.

Now the question is: How do we inculcate the righteousness in the heart. In my opinion, there are three sources which can build a youth with righteousness in the heart. One is mother, second is father in a spiritual environment and the third and the most important is the teacher.

The third component is courage, which is defined as follows:

Courage

Courage to think different,

Courage to invent,

Courage to travel into an unexplored path,

Courage to discover the impossible,

Courage to combat the problems and succeed, are the unique qualities of the youth.

As a youth of my nation, I will work and work with courage to achieve success in all the missions.

Where from you will acquire knowledge? Home, good books, teachers and teaching environment, coming into contact with good human beings, teaching websites in internet. When the schools teach the students to use the knowledge with creativity, righteousness and courage, nation will have large number of empowered and enlightened citizens, which is vital for the growth of the individual, growth of the family, growth of nation and promotion of peace in the world.

The source of innovative ideas.

Innovative ideas are always come in our mind when we r busy in some other important work like traveling, reading, writing, cooking etc. Once the time passes we hardly try to remember them. So, be always with pocket diary with u, whenever such innovations and dynamic thoughts come in your mind just note down them. After that whenever u will get free time, just revised them and try to add some more details. Do this exercise continuously, I am sure at one day u will come up with wonderful and Novel idea.

Research should be your passion.

Make research as your passion. Do it to make your carrier. Select only one topic go on doing it with new technologies for ever. As Technology changes don't change your topic, just modify your way of doing experiments as per new technologies.

About self-Carving of our future.

We are our own creator, we our self-have to do the thinks, Nobody will come and give us the readymade thinks and say ok pls enjoy. We have to do carving our self of our life.

Great motivational words written on the entrance of an American University.....!!

– “I know I am something, because God doesn't create garbage.....!!”

About Interdisciplinary work: Today novelty can come up only if u have knowledge of all fields. For ex. MEMS area, we should know Chemistry, Mechanical Engineering, Architecture, Physics, Computer and even Biology. One person can't handle all these areas, hence do work in collaboration and in group.

About On Line Examination:

Now let me present some statics of expenditure and environment loss due to current paper based examination:

Total pages cost per exam event @ ` 50 per Kg	48,30,000	Rs
Total Trees cut for one exam event	21,349	nos.
Total Post-Examination Expenses per event	99,60,000	Rs
Total Cost of paper based examination per event	1,47,90,000	Rs

This expenses is only for one University, Such 13 University we have in Maharashtra.

We can reduce manual efforts, transport, time and give accuracy. Ultimately it help to reduce the examination fees. This is directly beneficial for Students as well as organization. Hence we intellectual must demand to have online examination of MCQ type.

Clean environment

Dear friends, you would like to review the process of photo-synthesis in the plant and tree family. "When the sun shines, the green plants breakdown water to get electrons and protons, use these particles to turn carbon-di-oxide into glucose and vent out oxygen as a waste product." Each mature tree in a year absorbs 20 Kgs of carbon-di-oxide and transforms into wood and reinforces the branches of the tree, and releases 14 kg of Oxygen. To facilitate this, I would suggest all the students present here to plant at-least 5 trees and nurture them.

Let not the winged days, be spent in vain

As you all know, the earth rotates on its own axis once in a day having 24 hours or 1440 minutes or 86400 seconds. Earth itself orbits around the sun. It takes nearly one year for an orbit. With the completion of one rotation of earth around the sun, your age is added by one year as you are living on planet earth. Seconds fly, minutes fly, hours fly, days fly and years fly. We have no control over it. The only thing that we can do is, while the time flies, we can navigate the time. "Let not the winged days, be spent in vain".

I would like to ask you, what would you like to be remembered for? You have to evolve yourself and shape your life. You should write it on a page. That page may be a very important page in the book of human history. And you will be remembered for creating that one page in the history of the nation? whether that page is the page of invention, the page of innovation or the page of discovery or the page of creating societal change or a page of removing the poverty or the page of fighting injustice or planning and executing energy independence mission. Once again let me greet all the students and congratulate the innovative awardees present here.

National Innovation Foundation-India (NIF) is an autonomous body of the Department of Science and Technology, Government of India, based on the Honey Bee Network philosophy, which provides institutional support to grassroots innovators and outstanding traditional knowledge holders from the unorganized sector of the society.

About NIF

Building upon the Honey Bee network philosophy, the **National Innovation Foundation-India (NIF)**, started functioning in March 2000 as India's national initiative to strengthen the grassroots technological innovations and outstanding traditional knowledge. Its mission is to help India become a creative and knowledge based society by expanding policy and institutional space for grassroots technological innovators. NIF is committed to look for grassroots innovators who have developed technological innovations in any field of human survival without any outside help.

NIF helps them get due reward for their innovations and ensure that such innovations diffuse widely through commercial and non-commercial channels generating incentives for them and others involved in the value chain. With major contribution from the Honey Bee Network, NIF has been able to build up a database of more than 200,000 ideas, innovations and traditional knowledge practices (not all unique) from over 555 districts of the country. Through the collaborations with R&D institutions, NIF helps in getting these innovations validated and converting them into value added technologies/products.

NIF has filed over 650 patents on behalf of the innovators and outstanding traditional knowledge holders of which thirty five patents have been granted in India and five in USA. Micro Venture Innovation Fund at NIF has provided risk capital for 191 projects, which are at different stages of incubation. NIF has succeeded in commercialising products across countries in six continents apart from being successful in materialising seventy cases of technology licensing to eighty licensees with the help of partner agencies.

NIF has proved that Indian innovators can match anyone in the world when it comes to solving problems creatively, where they perform better than rest is in generating greater sustainable alternatives by using local resources frugally. Those who see poor only as the consumer of cheap goods, miss the knowledge richness at grassroots level. The Grassroots to Global (G2G) model that NIF is propagating is all set to change the way the world looks at the creativity and innovations at grassroots.

Objectives

National Innovation Foundation - India was set up by the Department of Science and Technology in February 2000 at Ahmedabad to achieve its goals essentially through a non-government spirit and by drawing upon the HoneyBee network and its collaborating partners. The primary objectives of NIF are:

1. To help India become an innovative and creative society and a global leader in sustainable technologies by scouting, spawning and sustaining grassroots innovations.
2. To ensure evolution and diffusion of green grassroots innovation in a selective, time-bound and mission oriented basis so as to meet the socio-economic and environmental needs of our society.
3. To provide institutional support in scouting, spawning, sustaining and scaling up grassroots green innovations as well as outstanding traditional knowledge and helping their transition to self-supporting activities.
4. To seek self-reliance through competitive advantage of innovation based enterprises and/or application of "people generated sustainable technologies" at grassroots level.
5. To build linkages between excellence in formal scientific systems and informal knowledge systems and create a knowledge network to link various stakeholders through application of information technology and other means.
6. To promote wider social awareness, and possible applications, of the know-how generated as a result of these initiatives in commercial or social spheres and encourage its incorporation in educational curriculum, developmental policies and programs.

Dear Friends Few important things I would like share with u which u must remember in life:

1. I realize "imagination leads to creativity, creativity leads to thinking, thinking provides knowledge and knowledge makes you great".
2. I will have a goal and work hard to achieve that goal. I realize that small aim is a crime.
3. I will work with integrity and succeed with integrity.
4. I will be a good member of my family, a good member of the society, a good member of the nation and a good member of the world.
5. I will always try to save or better someone's life, without any discrimination of caste, creed, language religion or state. Wherever I am, a thought will always come to my mind. That is "What can I give?"
6. I will make my home clean, my surrounding clean, my school clean and my village or town clean.
7. I will always remember the importance of time. My motto will be "Let not my winged days, be spent in vain".
8. As a youth of my nation, I will work and work with courage to achieve success in all my tasks and enjoy the success of others.
9. I am as young as my faith and as old as my doubt. Hence, I will light up then, the lamp of faith in my heart.
10. My National Flag flies in my heart and I will bring glory to my nation.

Important Areas of R and D are:

Natural Resources, Health, Education, Telecommunication like Mobile Drip Irrigation, Space Science, Remote Sensing and Technology, Environment Technology and so on.

About Funding Agencies:

- UGC, CSIR, DST, DIT
- Funds for
 - PG
 - M. Phil.
 - Ph. D.
 - PDF
 - Research Project
 - Young Scientist, Minor, Major or any novel idea
 - Publication
 - Travel Grants
 - Faculty Exchange
- Funding Schemes
 - University
 - Colleges
 - Both University and colleges
 - SAP, FIST, Innovative Program, Event organization
 - Indi usual
 - Women Scientist

Newly Announce, Obama Sing Funding scheme to exchange, Students, Faculty and even complete Department, with foreign Universities.

With this I conclude that hands are ready to support now only there is strong need of innovative ideas.

With this once again I express my sincere thanks to u all participants for your patience hearing. I am also thankful to Organizer for giving me this chance to share my views.

Thanks one and all.