

Report on Pre-Hackathon Activities

A meeting of final year students of all departments was conducted on 24th June, 2014. In the meeting Principal Dr. R.N. Herkal addressed the students regarding Hackathon event for **New Age Incubation Network in Engineering Colleges** scheme implemented by **KBITS, Govt. of Karnataka** to encourage entrepreneurship among students, alumni. He also informed the students to work on Ideas/Proposals addressing regional problems serving societal needs and get prepared.



Principal Dr. R.N. Herkal addressing the students



Students present during address



Students present during address

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Meeting of all heads of the departments:

A meeting of all heads of the departments was conducted on 18th July, 2014 with Principal Dr.R.N.Herkal as the Chairperson. The agenda of the meeting included discussion on **Pre-Hackathon** activities to be conducted in BEC, Bagalkot.



Principal Dr. R.N.Herkal addressing Heads of the Departments

The following subjects were resolved:

1. All the heads of department should address students of their respective departments to create awareness about the Pre-Hackathon and Hackathon events.
2. **Pre-Hackathon** event should be conducted in 2 phases:
 - i. **Phase 1:**To conduct Idea/Proposal Presentation competition on 26.08.2014 for students already having Idea.
 - ii. **Phase 2:**To conduct Entrepreneurial Skills test for interested and competent students without having idea on 06.09.2014.
3. Selection panel for Idea/Proposal Presentation competition was constituted with the following Heads of the Departments as its members:



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- i. Prof S.N.Kurbet(HoD, Mechanical Dept.),
 - ii. Prof Krishnamurthy Bhat (HoD , Instrumentation Dept.) and
 - iii. Prof P.V.Kulkarni (HoD,Information Science and Engineering Dept.)
4. Following parameters are to be considered for evaluation during Idea/Proposal Presentation competition:
- I. Originality of Idea/Uniqueness.
 - II. Clarity of Product Idea and Market Need.
 - III. Implementation Feasibility.
 - IV. Inclusion of IT component.
5. To use Sir Mc Leyland's questionnaire for Entrepreneurial Skills test.
6. The task of organizing and coordinating the events was assigned to College Coordinator and Regional Coordinator.

Phase 1: Idea/Proposal Presentation competition was organized on 26.8.2014.

The competition was open to the students of all UG/PG branches. 40 students/teams participated in the competition.

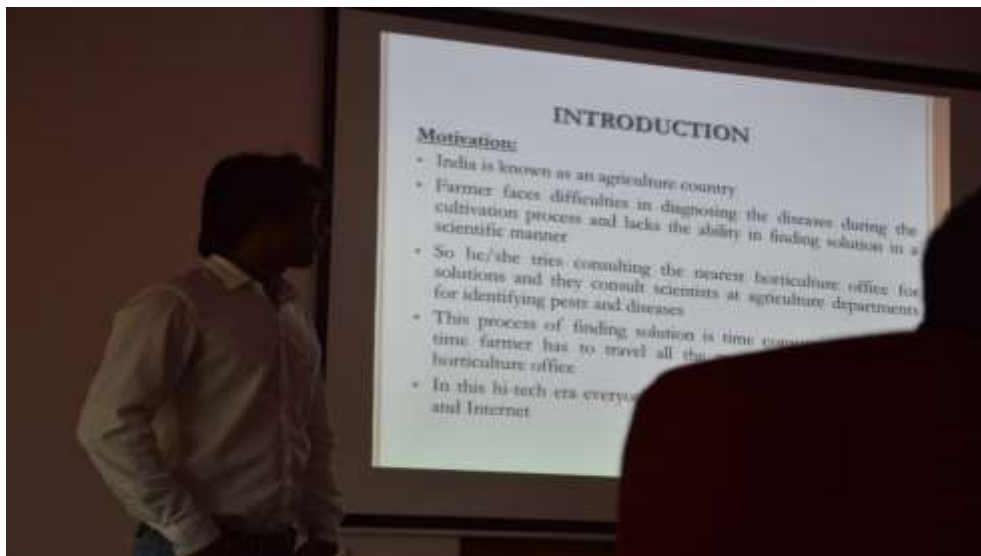
The following students/teams (ideas) are selected for **Hackathon** workshop:

Sl. No	Name of the Candidate	Title of Idea/Proposal	Department
1.	Chinmai.V.Bhat	Coconut Shell Separator	MECH
2.	Mallikarjun.M	Application of Adiabatic Process	MECH
3.	Santoshi.S.M	Automatic Ration Dispensing Unit	IT
4.	Vanusha Patil	Smart Menu card and ordering system for restaurant using GLCD	IT
5.	Siddhartha Chougale	Design and Development of intelligent street: Power generation and Power conservation	IT
6.	Asifali.M.J	Plant Clinic	Alumni
7.	Prasad Nayak	Smart Connect	Alumni
8.	Harsha Kumar Desai	Automation of Hostel Admission Mess Bill Payment System using Android App	ISE
9.	Veena Hallur	Design and Development of Portable instrument for Detection of Artificial ripening of Banana	ECE
10.	Fakkirappa Handur	Electricity generation due "To and Fro" motion of Pendulum	MECH
11.	Khyata Basavajayanti	Design and Development of online Urine Analyzer with vital parameter display for in-toilet use	ECE
12.	Preeti Ghargi	Navigation of Public Transport using GPS	CSE

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13.	Akash M.B	Hydraulic tree/Pole Climbing Machine	MECH
14.	Shashidhar Hosmani	Copying Mechanism	MECH
15.	Mahesh	Electricity generation by Pump set Water	E&E
16.	Ashwath Reddy	Universal card that holds info. of vehicle	ISE
17.	Somesh Biradar	Blood Bank Management System	CSE
18.	ShradaSapali	IOT in agriculture using Robots	ECE
19.	Ankita P	Development of Nucleic Acid Based Aptamer Technology	BT
20.	Mallikarjun Haragol	Automated Computerized domestic/industrial electric consumption billing system	IP
21.	Sameer Hipparagi	Student Voice Campus	ISE
22.	Siddling Kattimani	An innovative cell phone Network for resource sharing of a farmers	ISE
23.	Vidyavati Sorgavi	Emergency Alert	IT
24.	Sampada Desai	P Tracker	Alumni
25.	Bhagamma	Power Theft	ECE,IT
26.	Shruti Malagondar	Performance improvement in education sector using datamining	ISE,E&E,CSE
27.	PrashantKumar.G	Security System development for valuable sectors using hybrid electricity	E&E
28.	Nagaraj Honnal	Run the vehicle using magnets and no use of fuel	MECH
29.	Santosh Patil	Slope monitoring system with pressure transducers using geogrids	CIVIL

Photographs taken during Idea/Proposal Competition



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Phase 2: Entrepreneurial Skills test was conducted on 6.9.2014.

The competition was open to the students of all UG/PG branches. For the test, Questionnaire designed by **Sir Mc Leyland** was used. The test was intended to identify Entrepreneurial (Personality) traits among the students. 77 students participated in the test.

The following students are selected for the **Hackathon event**:

Sl. No	Name of the Candidate	Department
1.	Mruntunjaya Kadlur	MECH
2.	Savitri Balundagi	IT
3.	Soumya Kandagal	ISE
4.	Sainath Chanal	MECH
5.	Maitra Tugalagatti	ISE
6.	Spurti Bonageri	ISE
7.	Abhilash Mutalikdesai	ISE
8.	Sreenidhi Galagali	ISE



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Question Paper For Entrepreneurial Skills Test

Name _____ USN: 2BA _____

Please give your response to the questionnaire, to identify the hidden entrepreneurial qualities in you.

INSTRUCTIONS:

1. Read each statement carefully and decide how well it describes you. Your *SINCERE* response enables us to understand you better.
2. Give your **response** by writing the number in between 1 to 5, in front of each

Statement, where,

5	Strongly agree
4	Agree
3	Somewhat/can't say
2	Disagree
1	Strongly disagree

Example: I am calm in stressful situation – If your response is 2, then

2 indicates that candidate disagree with the statement.



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QUESTIONNAIRE

This questionnaire consists of 70 questions. Please give your response by writing a number (1 to 5) in the response column for each statement.

Qn. No.	Statement
01	I look for things that need to be done
02	I like challenges and new opportunities
03	When faced with difficult problem, I spend lots of time trying to find the solution
04	When starting a new task or project, I gather a great deal of information
05	It bothers me when things are not done very well
06	I give much efforts to my work
07	I find ways to do things faster
08	I plan a large project by breaking down it to smaller tasks
09	I think of unusual solutions to problems
10	I feel confident that I will succeed at whatever I try to do
11	I tell others when they have not performed as expected
12	I get others when to support my recommendations
13	I develop strategies to influence others
14	No matter to whom I am talking to, I am a good listener
15	I do things that need to be done before being asked by others
16	I prefer activities that I know well and with which I am comfortable
17	I try several times to get the people to do what I would like them to do
18	I seek the advice of people who know a lot about the problems or tasks I am working on
19	It is important to me to do a high quality job



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20	I work long hours and make personal sacrifices to complete jobs on time
21	I am not good at using my time well
22	I think about the advantages and disadvantages of different ways of accomplishing things
23	I think of many new ideas
24	I change my mind if others disagree strongly with me
25	If I am angry or upset with someone, I tell that person
26	I convince others of my ideas
27	I do not spend much time thinking about how to influence others
28	I feel resentful when I don't get my way
29	I do things before it is clear that they must be done
30	I notice opportunities to do new things
31	When something gets in the way of what I am trying to do, I keep on trying to accomplish what I want
32	I take action without seeking information
33	My own work is better than that of people I work with
34	I do whatever it takes to complete a job
35	It bothers me when my time is wasted
36	I try to think of all the problems I may encounter & plan what to do if each problem occurs
37	Once I have selected an approach to solve a problem, I do not change that approach
38	When trying something difficult or challenging, I feel confident that I will succeed
39	It is difficult for me to order people to do things
40	I get others to see how I will be able to accomplish what I set out to do
41	I get important people to help me accomplish my goals
42	In the past, I have had failures
43	I take action before it is clear that I must



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44	I try things that are very new and difficult from what I have done before
45	When faced with a major difficulty, I quickly go on to other things
46	When working on a project for someone, I ask many questions to be sure that I understand what that person wants
47	When something I have been working on is satisfactory, I do not spend extra time trying to make it better
48	When I am doing a job for someone, I make a special effort to make sure that person is satisfied with my work
49	I find ways to do things for less cost
50	I deal with problems as they arise, rather than spend time trying to anticipate them
51	I think of many ways to solve problems
52	I do things that are risky
53	When I disagree with others, I let them know
54	I am very persuasive with others
55	In order to reach my goals, I think of solutions that are benefit to everyone involved in a problem
56	There have been occasions when I took advantage of someone
57	I wait for directions from others before taking action
58	I take advantage of opportunities that arise
59	I try several ways to overcome things that get in the way of reaching my goals
60	I go to several different sources to get information to help with tasks or projects
61	I want company I own to be the best of its kind
62	I do not let my work interfere with my family or personal life
63	I get the most I can, out of money I have, to accomplish a project or task
64	I take logical and systematic approach to activities
65	If one approach to a problem doesn't work, I think of another approach
66	I stick with my decisions, even if other disagree strongly with me
67	I tell people what they have to do, even if they don't want to do it



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68	I can't get people who have strong opinions or ideas to change their minds
69	I get to know people who may be able to help me reach my goals
70	When I don't know something, I don't mind admitting it

Answer sheet

Q. No.	Response A	Q. No.	Response B	Q. No.	Response C	Q. No.	Response D	Q. No.	Response E	Row-wise Score	Competence/ Trait
01		15		29		43		57			
02		16		30		44		58			
03		17		31		45		59			
04		18		32		46		60			
05		19		33		47		61			
06		20		34		48		62			
07		21		35		49		63			
08		22		36		50		64			



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09		23		37		51		65			
10		24		38		52		66			
11		25		39		53		67			
12		26		40		54		68			
13		27		41		55		69			
14		28		42		56		70			

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Photographs taken during Entrepreneurial Skills Test

