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Bansilal Ramnath Agarwal Charitable Trust's
VISHWAKARMA INSTITUTE OF TECHNOLOGY, PUNE - 37
(An Autonomous Institute Affiliated to University of Pune)

Department of Mechanical Engineering

August 21, 2014

NOTICE

Guest Lecture

A guest lecture has been arranged for the students of Final Year B.Tech on "Brain-based Techniques for Competitive Exams" on Friday, 22nd August, 2014. Attendance for the guest lecture is mandatory. The details are as follows.

Speaker:

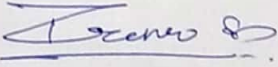
1. Ms. Vibha Deshpande, Psychologist
2. Mr. Harshad Bhagwat, Founder, Learn Anand Technologies

Time and Venue:

For Div S & T: Room 3106 from 11:00 to 12:00

For Div U: Room 3105 from 13:00 to 14:00

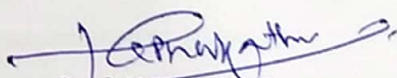
Attendance for the guest lecture is **compulsory** for all the Final Year B.Tech students of Mech. Engg. Dept.

for 

Prof. Dr. K.D. Sant

Mech. Engg. Dept.

VIT, Pune



Prof. H.G. Phakatkar
Prof. and Head

Mech. Engg. Dept.

VIT, Pune

Copy to:

Circulation to Final Year Div. S, T U and then MED Notice Board

Staff: SP, DBH, MKN, NSK for information

Circular file

DBH for record

22-08-2014

Guest Lecture Attendance
Brain based Techniques for Competitive Exams



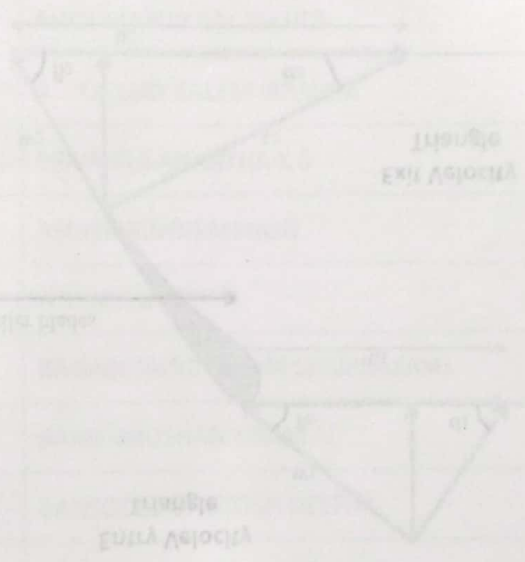
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BRANCH : - B.E. - T Division - MECHANICAL ENGINEERING

Sr. No.	Roll No	G R No	Name	Signature
1	1	111303	KAMBLE GAURI BABAJI	
2	2	111769	KARTIK TAKOO	<i>Kartik</i>
3	3	111357	KETKAR SAYALI RAJESH	
4	4	111282	KHADE ATISH MAHENDRA	
5	5	111233	KHAIRE KETAN BHAGWAN	
6	6	111135	KHALKAR ABHIJEET SHRIKANT	
7	7	111217	KHARE SHREYAS SANJAY	
8	8	111707	KOOSHAN HATAMI	
9	9	111457	KORADE ATUL TUKARAM	<i>Korade</i>
10	10	111003	KOTHULE PRANALI NARENDRA	
11	11	111085	KOTKAR SAURABH RAGHUNATH	<i>Saurabh</i>
12	12	111230	KSHIRSAGAR SOURABH RAJENDRAKUMAR	
13	13	111498	KULKARNI NARENDRA VINAY	
14	14	111399	LELE ADITYA DILIP	<i>Aditya</i>
15	15	111059	LONDHE SUJAY VINOD	
16	16	111148	LOYA SHUBHAM BALPRASAD	
17	17	111627	MAHAJAN MAYUR DATTATRAYA	

18	18	111577	MAHAJAN ROHAN UDAY	
19	19	111542	MANDAVKAR ANIKET ANIL	
20	20	111640	MAYURESH SADASHIV MARADKAR	<u>haranaraj</u>
21	21	111549	MENDHEGIRI VINAYAK HIRALAL	<u>Mendhane</u>
22	22	111674	MIHIR TRIVEDI	
23	23	111652	MOHAMMED SOHAIL YUSUF SHAIKH	<u>Si</u>
24	24	111527	NAIK TEJAS SANJAY	
25	25	111101	NALE PRIYANKA KISHOR	
26	26	111613	NAWEED KALEEM PARKAR	
27	27	111642	NEEL RAJENDRA SAWANT	<u>Neel Sawant</u>
28	28	111442	NIKAM DAIDIPYA RAJENDRA	
29	29	111293	PANSE RANJIT RAJEEV	
30	30	111370	PARDHI DHANANJAY SOMNATH	<u>Pardhi</u>
31	31	111675	PATIL HARSHAL ANIL	
32	32	111716	PATIL HIMANSHU DEVENDRA	
33	33	111229	PATIL POOJA KAMALAKAR	
34	34	111355	PATIL VIJAY MARUTI	<u>vijay</u>
35	35	111316	PHALLE SHWETA BALASAHEB	<u>shweta</u>
36	36	111737	PISE AMEY ASHOK	
37	37	111132	POTDAR CHINMAY RATNAKAR	
38	38	111363	RATHOD ROHIT UTTAM	<u>Rohit Rathod</u>
39	39	111616	RINIL GEORGE RAJEEV	<u>Rinil</u>
40	40	111766	RITESH KUMAR GAUTAM	
41	41	111017	ROHIT KHARE	<u>Rohit</u>

42	42	111496	SAHANE SAURABH BALASAHEB	
43	43	111291	SALVE PRIYANKA SURESH	
44	44	111175	SANGLE AKSHAY SAMPAT	
45	45	111096	SAWANT MAYUR SHANKAR	



direction of impeller and the direction of c and w would follow from that of v .
 blade velocity in magnitude and direction. The direction of v will follow the direction of
 blade speed is taken as the base for the triangle. The three sides of the triangle represent the
 The direction of the resultant velocity is determined by the impeller blade shape. Consider the
 velocity w in relation to the impeller and used to form a triangle named as velocity triangle.
 The three velocity vectors impeller blade speed u , absolute velocity c , and resultant
 velocity. Fig. 1 shows the velocity triangle at the suction and exit side of the impeller
 impeller to the flow axis in axial flow turbines flow enters axially and discharges from
 The axial impeller vanes, the flow discharges leaving through the impeller at an angle

Flow through axial stage impeller in axial turbines

22-08-2014

Guest lecture Attendance

Brain based Techniques for Competitive exams

Bansilal Ramnath Agarwal Charitable Trusts'
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Sr. No.	Roll No	G R No	Name	Signature
1	1	111673	AADIL ABDUL SATTAR	
2	2	111281	AHER MAYUR BALASAHEB	
3	3	111724	ALDOSSARY SALEM IBRAHIM	
4	4	111054	PRIYANKA ANANTHA K S	
5	5	111595	ASHISH BINOD MENON	<u>Ashish</u>
6	6	111558	ASHWIN SUPE	
7	7	111555	BAGADI NANDANSHRI SHRIPRAKASH	
8	8	111154	BANG BHUSHAN KISANLAL	
9	9	111061	BANSODE ASHUTOSH DEEPAK	
10	10	111084	BHONDE SANKET VINODRAO	<u>Sanket</u>
11	11	111176	BHUJBAL SUPRIYA PARSHURAM	
12	12	111551	BORALKAR ANGAD ANIL	
13	13	111747	CHAUDHARI PRITESH NARENDRAKUMAR	
14	14	111198	CHOPADE ASHISH AGANDRAO	<u>Agand Rao</u>
15	15	111112	CHOUGULE JAYDEEP MAHESH	<u>Jaydeep</u>
16	16	111717	DAS PRIYA KESHAB	

17	17	111238	DEOKAR SAHIL SANJAY	
18	18	111329	DEORE ADITEE PRAKASH	
19	19	111043	DESAI ADWAITA SANJAY	<i>Adwaita</i>
20	20	111573	DHANDE MAYUR NITIN	<i>[Signature]</i>
21	21	111305	DHEKLE MAHESH SHIVAJIRAO	
22	22	111215	DHOPATE SAKET ANIL	
23	23	111479	DUBEY AISHWARYA GIRISH	<i>@Dubey</i>
24	24	111646	FAIZ MAZHAR SHAIKH	
25	25	111034	GARUD SURAJ BALASAHEB	
26	26	111634	GAUTAM KULKARNI	
27	27	111259	GHORPADE GAURAV JAGDISH	
28	28	111007	GHOSH ARINDAM SALILKUMAR	
29	29	111018	GOSAVI ABHISHEK ACHYUT	
30	30	111531	GUGALE SIDDHARTH ANIL	<i>Sugale</i>
31	31	111524	GUPTA PRANAV SOMESH	
32	33	111676	HALWE SHRIRANG DATTATRAY	
33	34	111554	HARSHAL SUDHIR MANE	
34	35	111398	HAWANNA RAHUL RAMDAS	
35	36	111754	HIMANSHU KOTHARI	<i>Koti</i>
36	37	111239	HOLKAR KIRAN ASHOK	<i>Kiran</i>
37	38	111270	HUDDAR NOOPURA VAIJANATH	
38	39	111408	HUNDEKARI NIKHIL DEVIDAS	
39	40	111502	IMAAAN SINGH	
40	41	111093	JADHAV NIKHIL DINKAR	<i>[Signature]</i>

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Sr. No.	Roll No	G R No	Name	Signature
1	1	111263	SAWARKAR MADHURA VINOD	
2	2	111351	SHANKARWAR OMKAR DILIP	
3	3	111435	SHELKE NIKHIL REVANDAS	
4	4	111587	SHELKE RUCHIR DEVIDAS	
5	5	111326	SHINDE RISHEEKESH RAJENDRA	
6	6	111608	SHINDE SHANTNOO GANGADHAR	
7	7	111287	SHINDE VIRENDRA MANIKRAO	
8	8	111393	SONAWANE BHAGYASHREE VIKAS	
9	9	111426	SONAWANE MAHESH PRAMOD	
10	10	111452	SUKHADEV PRACHI RAVIKUMAR	
11	11	111622	SUMEDH DESHPANDE	
12	12	111391	TAMBE AVINASH BABASAHEB	
13	13	111304	THORAT GAURI VIJAY	
14	14	111174	UGALE AJAY SADASHIV	
15	15	111757	UTKARSH SINGHAI	
16	16	111547	VARUN BATHER	
17	17	111660	VINEET JAGDISH SHRAWAGE	

18	18	111156	WAGH ABHISHEK SATISH	A.S. Wagh
19	19	111277	WAMANE SHIRISH BABASAHEB	
20	20	111166	WARALE KIRAN SAMBHAJI	Warale
21	21	122007	PARANDE PRIYANKA SUBHASH	
22	22	122009	YEOLEKAR AKSHAY NARENDRA	Yeolekar
23	23	122030	BHOSALE ABHILASH DINKAR	Abhilash..
24	24	122044	JANGAM RASHMI BALAJI	Jangam
25	25	122048	UBALE DEEPA KANTILAL	
26	26	122053	KADAM VIKRAM SARJERAO	Kadam
27	27	122062	BAGAL PRASHANT LAXMAN	Bagal
28	28	122071	DEOKAR KETAN SUDESH	Deokar
29	30	122077	PATIL GAJENDRA NANDAKUMAR	
30	31	122090	SURVE NIKHIL SHRINIVAS	
31	32	122095	DUBAL PRIYANKA LAXMAN	
32	33	122096	GAIKWAD JUILE BALASAHEB	
33	34	122097	MULANI MUKHTAR SALIM	Mulanip
34	35	122118	PAWAR GOVIND JORSING	
35	36	122121	DANGRE MAYUR HANSRAJ	Dangre
36	37	122127	THAKUR SAGAR RAMESHWAR	S.R. Thakur
37	38	122136	MANE SHIVAJI NIVRUTTI	Mane

DBH, NOS, SSS

Learning Styles Self-Assessment Questionnaire

Circle or tick the answer that most represents how you generally behave.

1. When I need directions for travelling I usually:
 - a) look at a map
 - b) ask for spoken directions
 - c) follow my nose and maybe use a compass

2. When I go shopping for clothes, I tend to:
 - a) imagine what they would look like on
 - b) discuss them with the shop staff
 - c) try them on and test them out

3. When I am learning a new skill, I am most comfortable:
 - a) watching what the teacher is doing
 - b) talking through with the teacher exactly what I'm supposed to do
 - c) giving it a try myself and work it out as I go

4. If I am choosing food off a menu, I tend to:
 - a) imagine what the food will look like
 - b) talk through the options in my head or with my partner
 - c) imagine what the food will taste like

5. When I listen to a band, I can't help:
 - a) watching the band members and other people in the audience
 - b) listening to the lyrics and the beats
 - c) moving in time with the music

6. When I concentrate, I most often:
 - a) focus on the words or the pictures in front of me
 - b) discuss the problem and the possible solutions in my head
 - c) move around a lot, fiddle with pens and pencils and touch things

7. My first memory is of a person is:
 - a) his/her looks
 - b) the way he/she speaks
 - c) doing something together

8. When I am anxious, I:
 - a) visualise the worst-case scenarios
 - b) talk over in my head what worries me most
 - c) can't sit still, fiddle and move around constantly

9. When I have to revise for an exam, I generally:
- a) write lots of revision notes and diagrams
 - b) talk over my notes, alone or with other people
 - c) imagine making the movement or creating the formula
10. If I am explaining to someone I tend to:
- a) show them what I mean
 - b) explain to them in different ways until they understand
 - c) encourage them to try and talk them through my idea as they do it
11. I really love:
- a) watching films, photography, looking at art or people watching
 - b) listening to music, the radio or talking to friends
 - c) taking part in sporting activities, eating fine foods and wines or dancing
12. If I am angry, I tend to:
- a) keep replaying in my mind what it is that has upset me
 - b) raise my voice and tell people how I feel
 - c) stamp about, slam doors and physically demonstrate my anger
13. I think that you can tell if someone is lying if:
- a) they avoid looking at you
 - b) their voices changes
 - c) they give me funny vibes
14. When I meet an old friend:
- a) I say "it's great to see you!"
 - b) I say "it's great to hear from you!"
 - c) I give them a hug or a handshake
15. If I have to complain about faulty goods, I am most comfortable:
- a) writing a letter/email
 - b) complaining over the phone
 - c) taking the item back to the store or posting it to head office

Results

Now add up how many A's, B's and C's you selected.

A's =

B's =

C's =

If you chose mostly A's you have a VISUAL learning style.

If you chose mostly B's you have an AUDITORY learning style.

If you chose mostly C's you have a KINAESTHETIC learning style.

Some people find that their learning style may be a blend of two or three styles.

5..4..3..2..1..Brain based Learning

5 things you should know about your brain

Your brain is a unique masterpiece. You have unique set of skills waiting to be nurtured and flourished.

You have a lot more potential than you think. Only if you don't limit yourself.

Brain has different areas catering to different activities. 10 centres situated in different parts of brain.

Your brain is a powerful supercomputer. It can carry out many activities in parallel.

A new thing a day makes brain smarter. It can rewire and become smarter.

4 things you should know about learning

Stimulate, motivate and don't stress out. Challenges enhance learning, threats inhibit it

Your brain has a natural thirst for understanding. It learns because of innate need to search for meaning.

Your brain is always hungry to learn. You are learning all the time, knowingly or unknowingly.

You think you are studying but may not be learning. It's not the hours of study but the learning techniques.

3 things you should know about memory

Learn with fun. You remember things better which you enjoy.

Memory is enhanced by timely revision. Repeating once for 10 days is better than repeating 10 times in a day.

Memory requires associations. Create a mental picture with emotions, images. Smell and taste.

2 things you should know about learning vocabulary

Brain associates new words with words it already knows. Connect words by meaning, sounds and spelling.

Context is important to remember the words and their meanings. Use the words in stories and conversations to remember better.

1 thing you should know about GREGenie

GREGenie is based on brain based learning methods to make learning vocabulary easy and enjoyable

Techniques based on Learning Styles

Visual learners

If you have a strong preference for Visual (V=visual) learning, you should do the following:

- Use graphics such as flow charts, graphs, pictures, videos, posters slides to reinforce learning.
- Colour code, underline, highlight and use symbols to organise notes.
- Illustrate ideas as a picture with different spatial arrangements on the page before writing them down.
- Use textbooks with diagrams and pictures.
- During exams, recall the 'pictures' of pages and practice turning your visuals back into words.

You do not like such handouts which are full of words!

Auditory learners

If you have a strong preference for Auditory (A=hearing) learning, you should do the following:

- Read aloud, tape notes and listen to them.
- Ask others to listen to your understanding of a topic and explain your notes to others.
- Spend time in quiet places recalling the ideas.
- Listen to your voices and write them down.
- Use verbal analogies and storytelling to demonstrate your point.

The written words are not as valuable as those you hear. You will probably go and tell somebody about this!

Kinaesthetic learners

If you have a strong preference for Kinaesthetic (K=doing) learning, you should do the following:

- Use all your senses: sight, touch, taste, smell and listening.
- Make models, use laboratories, field trips, samples and hands-on approaches
- Annotate text and write questions while reading
- Translate information into diagrams or other visual study tools.
- Recite a list of items by counting on fingers.
- Memorise or drill while moving e.g. when walking.
- Role play the exam situation in your own room and experience the exam so that you can understand it.

The ideas on this page are only valuable if they sound practical, real and relevant to you. You need to 'do' things to understand!

