

# JECRC, Jaipur

## Department of Mathematics

### A Report on the Aptitude and Reasoning Workshop

The Mathematics department of JECRC has organized a five days workshop “**Progression**” on the mathematical part of Aptitude and Reasoning skills on 1<sup>st</sup> and 6<sup>th</sup> April 2016. The workshop was coordinated by Dr. Alok Bhargava and Dr. Garima Agarwal and the targeted group for the workshop were the students of B. Tech. I year ME branch. Almost 100 students were participated and get benefitted by the workshop. This workshop was a successful effort of the department in which the contents were delivered by the faculty members of the department.

The schedule of lectures in the workshop was as follows –

#### Day I – Friday, 1<sup>st</sup> April 2016

Venue – C - 401

Session	Timing	Topic	Taken by
I	9.00 am – 10.30 am	Permutation and Combination	Dr. Smita Jain
II	10.30 am – 11.30 am	Permutation and Combination	Dr. Sarita Punia
	11.30 am- 12.30 Noon	<b>Break</b>	
III	12.30 – 1.30 pm	Ratio, Proportion, Variation, Unitary Method	Prof. Umesh Kumar Pareek
IV	1.30 pm – 2.30 pm	Variation and Unitary Method	Dr. Sunil Kumar Srivastava
V	2.30 pm – 3.30 pm	Set, Relation, Function	Dr. Alok Bhargava

#### Day II – Saturday, 2nd April 2016

Venue – C - 401

Session	Timing	Topic	Taken by
I	9.00 am – 10.30 am	Probability	Prof. Jyoti Thanvi
II	10.30 am – 11.30 am	Probability	Prof. Jyoti Thanvi
	11.30 am- 12.30 Noon	<b>Break</b>	
III	12.30 – 1.30 pm	Progression	Dr. Pramila Vijay
IV	1.30 pm – 2.30 pm	Interest, Profit and Loss	Dr. Garima Agarwal
V	2.30 pm – 3.30 pm	Interest, Profit and Loss	Dr. Garima Agarwal

**Day III – Monday, 4th April 2016****Venue – C - 401**

Session	Timing	Topic	Taken by
I	9.00 am – 10.30 am	Number Theory	Dr. Smita Jain
II	10.30 am – 11.30 am	Number Theory	Dr. Sarita Punia
	11.30 am- 12.30 Noon	<b>Break</b>	
III	12.30 – 1.30 pm	Time , Work and Distance	Prof. Umesh Kumar Pareek
IV	1.30 pm – 2.30 pm	Time , Work and Distance	Prof. Umesh Kumar Pareek
V	2.30 pm – 3.30 pm	Percentage, Formula based Inequalities	Dr. Sunil Kumar Srivastava

**Day IV – Tuesday, 5th April 2016****Venue – C - 401**

Session	Timing	Topic	Taken by
I	9.00 am – 10.30 am	Reasoning	Dr. Ruchi Mathur
II	10.30 am – 11.30 am	Reasoning	Dr. Ruchi Mathur
	11.30 am- 12.30 Noon	<b>Break</b>	
III	12.30 – 1.30 pm	Ratio, Proportion, Variation, Unitary Method	Prof. Umesh Kumar Pareek
IV	1.30 pm – 2.30 pm	Percentage, Formula based Inequalities	Dr. Sunil Kumar Srivastava
V	2.30 pm – 3.30 pm	Some concepts of Vedic Mathematics for fast calculation	Dr. Alok Bhargava

**Day V – Wednesday, 6th April 2016****Venue – C - 401**

Session	Timing	Topic	Taken by
I	9.00 am – 10.30 am	Some concepts of Vedic Mathematics for fast calculation	Dr. Alok Bhargava
II	10.30 am – 11.30 am	Trains concepts	Dr. Sarita Punia
	11.30 am- 12.30 Noon	<b>Break</b>	
III	12.30 – 1.30 pm	Test Based on Above discussed topics	Dr. Alok Bhargava
IV	1.30 pm – 2.30 pm		Dr. Sarita Punia
V	2.30 pm – 3.30 pm		Dr. Garima Agarwal

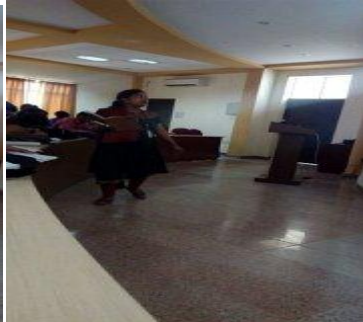
This effort of the department was appreciated by the group of students who were the part of the workshop and also, by those, who were not from the targeted group. The students of other branches were also keen to know about the next targeted group and the dates.

At the end of the workshop, a test was conducted and three students were selected as Rank #1, #2 and #3 based upon their performance in the test.

These three rankers were honored by awarding certificates and prizes for their excellence by Prof. (Dr.) V. K. Chandna, Principal, JECRC in prize distribution ceremony. Participation certificates were given to all the participants. Prof. (Dr.) V. K. Chandna congratulated the whole team of the workshop for this great and successful event and encouraged the department for such more activities in the college.









CERTIFICATE OF PARTICIPATION  
**PROGRESSION**  
*A workshop for Aptitude & Reasoning*

THIS IS TO CERTIFY THAT

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PARTICIPATED IN WORKSHOP

ON

APTITUDE & REASONING

CONDUCTED BY

DEPARTMENT OF MATHEMATICS

ON

1<sup>ST</sup> - 6<sup>th</sup> APRIL, 2016

AT

JAIPUR ENGINEERING COLLEGE  
AND RESERCH CENTRE, JAIPUR.

PRINCIPAL

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