





# DEPARTEMENT OF MECHANICAL ENGINEERING 5.1.3 List Capability Enhancement Program

S.N	DATE	NAME OF THE EVENT	WEBSITE LINK	NO of STUDENTS PARTICIPATED		
	ACADEMIC YEAR 2020-2021					
1	30.05.2021	E-Quiz, Organized by ISTE Student Chapter (TN 217)	http://kingsengg.edu.in/events report/30-5-2021- ISTE%20Student%20Chapter%20E%20QUIZ.pdf	137		
2	12.10.2020	Webinar, Organized by ISTE Student Chapter (TN 217)	http://kingsengg.edu.in/events report/ISTE%20- %20MECH%20WEBINAR(12.10.2020)%20REPORT .pdf	56		
		ACA	DEMIC YEAR 2019-2020			
3	19.02.2020	Mono Acting, Organized by ISTE Student Chapter (TN 217)	http://kingsengg.edu.in/events report/ISTE MECH MONO%20ACTING%2019.02.20%20REPORT%20( 1).pdf	12		
4	21.08.2019	Cube Game, Organized by ISTE Student Chapter (TN 217)	http://kingsengg.edu.in/events report/ISTE Cube %20Game 21.08.19.pdf	12		
5	27.02.2019	Sudoku, Organized by ISTE Student Chapter (TN 217)	http://kingsengg.edu.in/events report/MECH/27.0 2.2019%20Sudoku,%20Organized%20by%20ISTE %20Student%20Chapter.pdf	10		
		ACA	DEMIC YEAR 2018-2019			
6	12.09.2018	Puzzles, Organized by ISTE Student Chapter (TN 217)	http://kingsengg.edu.in/events report/ISTE%20St udent%20Chapter%20-%20PUZZLES%20- %2012.09.2018.pdf	10		
		ACA	DEMIC YEAR 2017-2018			
7	06.03.2018	Cross Word, Organized by ISTE Student Chapter (TN 217)	http://kingsengg.edu.in/events_report/MECH/06.0 3.2018%20Cross%20Word,%20Organized%20by% 20ISTE%20Student%20Chapter.pdf	16		
		ACA	DEMIC YEAR 2016-2017			
8	15.03.2017	Thinkfinity (Drama), Organized by ISTE Student Chapter (TN 217)	http://kingsengg.edu.in/events report/MECH/15.0 3.2017%20Thinkfinity(Drama)%20,%20Organized %20by%20ISTE%20Student.pdf	19		
9	02.02.2017	Paper Presentation, Organized by ISTE Student Chapter (TN 217)	http://kingsengg.edu.in/events report/MECH/02.0 2.2017%20Paper%20Presentation,%20Organized %20by%20ISTE%20Student.pdf	15		
10	28.09.2016	Mono Acting, Organized by ISTE Student Chapter (TN 217)	http://kingsengg.edu.in/events report/MECH/28.0 9.2016%20Mono%20Acting,%20Organized%20by %20ISTE%20Student%20Chapter.pdf	10		
11	17.08.2016	Shot Gun (Quiz) , Organized by ISTE Student Chapter (TN 217)	http://kingsengg.edu.in/events report/MECH/17.0 8.2016%20Shot%20Gun%20(Quiz)%20.%200rgan ized%20by%20ISTE%20Student.pdf	42		







# **ISTE STUDENT CHAPTER (TN 217)**

# **E-QUIZ REPORT**

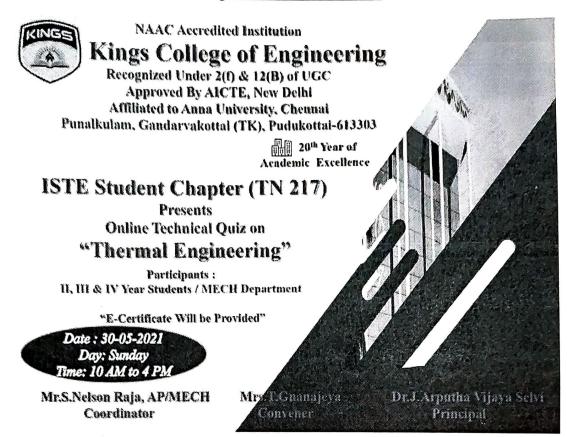
ISTE STUDENT CHAPTER (TN 217) organized online Technical Quiz on "THERMAL ENGINEERING" on 30-05-2021 (10 am to 4 pm) for Mechanical Engineering students of our college. This quiz was conducted for 100 marks and it consist 25 questions and 4 marks allotted to each questions. E-certificate were issued to the students those who had secured minimum of 50%. There were 137 students participated in this technical quiz. Out of 137 students, 93 students received e-certificate through the email.

S.NO	PARTICIPANTS DETAILS	STRENGTH
1.	Total Number of Participants	137
	II Year : 39	
	III Year : 52	
	IV Year : 46	
2.	Total Number of students Received	93
	E-Certificate	×:

# The following students are the price winners

POSITION	CLASS	NAME OF THE STUDENTS
I	III Year	K. Chandru
II	IV Year	J. Augustine Albert
III	II Year	M. Syed Usman Ali

### **E-QUIZ BROCHURE**



### **SAMPLE CERTIFICATE COPY**



Mrs. T.Gnanajeya

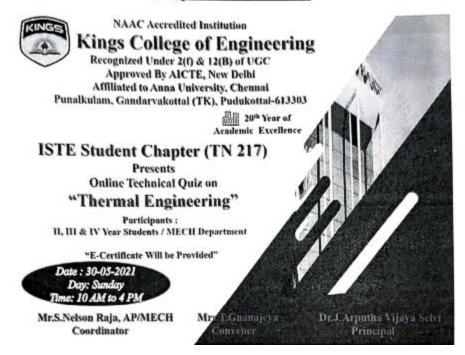
Convener

J. 1000 2/2/2021

Dr.J. Arutha Vijaya Selvi

**Principal** 

## PHOTOS E-QUIZ BROCHURE



#### SAMPLE CERTIFICATE COPY







### **ISTE STUDENT CHAPTER [TN 217]**

#### **ACADEMIC YEAR 2020-21 / ODD SEMESTER**

#### WEBINAR REPORT

The ISTE Student Chapter [TN 217] and Department of Mechanical Engineering had jointly organized a webinar through online mode on "Materials and its Applications" on 12.10.2020 at 11.15 a.m. to 12.15 p.m. Welcome address was given by Dr.T.Pushparaj, HoD, Department of Mechanical Engineering, Kings College of Engineering.

Resource person **Dr. M.Meignanamoorthy**, Assistant Professor, Department of Mechanical Engineering, K.Ramakrishnan College of Engineering(Autonomous), Trichy, was introduced by **Mrs.T. Gnanajeya**, ISTE Chapter Coordinator, Kings College of Engineering. The resource person had given the lecture on "**Materials and its Applications**". In his lecture, he explained the various materials and its applications currently used in Industrial and research areas. This session clearly focused on current Industrial trends, latest coating technology and innovations.

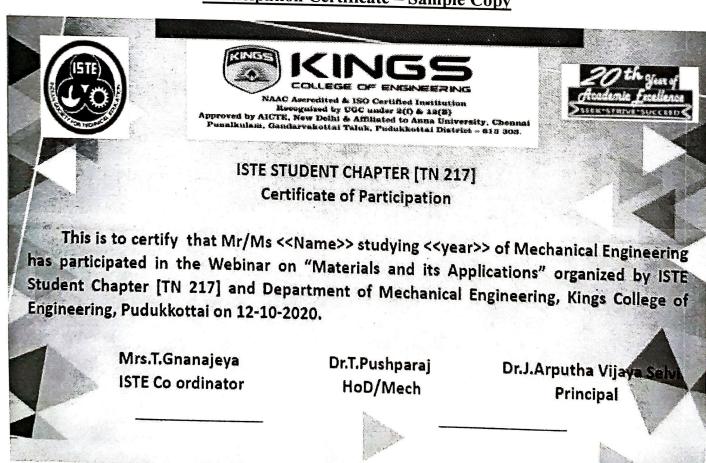
In this webinar, 63 participants from various institutions attended the webinar (Among these, 56 participants from our Institution as well as others have attended the webinar). Vote of thanks was given by Mr. M. Sakthivel, AP/Mechanical. Kings College of Engineering.

All the attended participants gave their feedback after the session and E-certificate have been sent to them through email.

#### Webinar Brochure



# Participation Certificate - Sample Copy



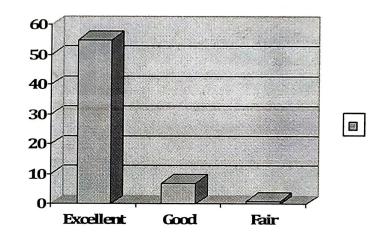
# **List of Attended Participants**

S.No.	Name of the Institution	Number of participants
1	Anjalai Ammal Mahalingam Engineering College, Kovilvenni	4
2	Kings College of Engineering, Punalkulam	56
3	Periyar Maniammai Institute of Science and Technology, Vallam Thanjavur	1
4	Rajalakahmi Institute of Technology, Chennai	1
5	Sastra Deemed University, Thirumalaisamuthiram, Thanjavur	1

# **Feedback Questions and Responses**

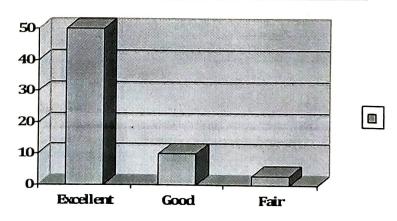
### 1. Content of the Program?

Excellent	Good	Fair
55	7	1



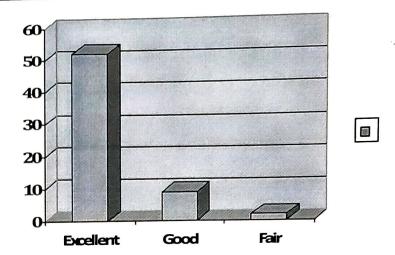
# 2. Quality of Audio/Video Streaming?

Excellent	Good	Fair	
50	10	03	



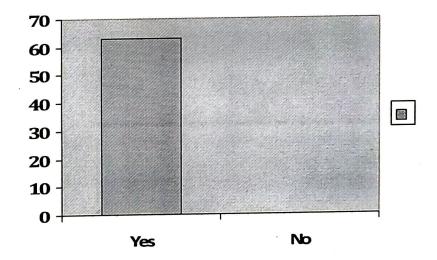
# 3. Way of Presentation?

Excellent	Good	Fair
52.	09	02



# 4. Are you interested in future webinars in Kings?

Yes	No
63	0



Mrs.T. Gnanajeya

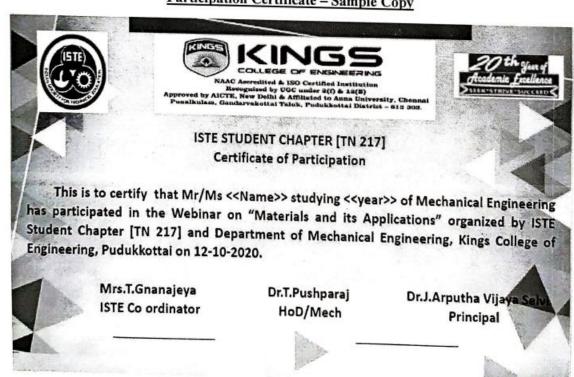
Dr.T. Pushparaj HoD / Mechanical J. Morester 22/10/2020

Dr.J. Arputha Vijaya Selvi Principal

#### PHOTOS Webinar Brochure



# Participation Certificate - Sample Copy









### ISTE STUDENT CHAPTER (TN 217) ACADEMIC YEAR 2019-20(EVEN SEMESTER)

#### **Mono Acting Report**

The ISTE Student Chapter, Kings College of Engineering, organized a competition on Mono Acting on 19.02.20 between 1.15pm - 2.00pm for the ISTE student members of Mechanical Engineering Department. 12 students have actively participated in this competition. The following students are the prize winners.

POSITION	CLASS	NAME OF THE STUDENT	
FIRST	III MECH A	S. KRISHNA	
		N. KAVIYARASAN	
SECOND	III MECH B	B.D. SENTHAMIL PRIYAN	
-		M. SATHYAMOORTHI	
THIRD	III MECH A	K. ANNAMALAI	
		P. ENOCH EBENEZER	

#### About the Event

**Mono Acting** is a very interesting art form which involves both acting as well as intelligence. It refers to a single student playing multiple actions.





Students actively participating in Mono Acting Competition

Coordinator/ISTE Chapter

VICEPRINCIPAL

J. May 2/2/2020.
PRINCIPAL

# **PHOTOS**



**Students Participated in Mono acting (19.02.2020)** 



**Students Participated in Mono acting (19.02.2020)** 







# ISTE STUDENT CHAPTER (TN 217) MONO ACTING ATTENDANCE SHEET

DATE: 19.02.20

VENUE: HALL NO. CAD LAB

TEAM NO.	STUDENT NAME	CLASS	SIGNATURE
1.	M-SATHISH KUMAR	IV MECH	Mathil
2.	E SANJAY	IV MECH	E. Sayay
3.	D. THIRUPUGIAZH	III MECH	D. Thipyd.
4.	K. SENTHAMIZ SUDAR	III MELH	and get
5.	B.D. SENTHAMIL PRIYAN	in Meth	B.D. seithemblige
6.	M.SATHYA MOORTHI	III MECH	M. M. M. M. M.
7.	S. KRISHNA	MELH	8. Du Z-
8.	N-KAVIYARASAN	MECH	p. Duf
9.	R. ARAVINDASAMY	III MECH	P. A.
10.	s. ABBAS MOHAMED	III MECH	Alexander Me
11.	K-ANNAMALAI	III MECH	k. Si
12.	P. ENOCH EBENEZER	IIIMECH	Jhry.

DEPT. ISTE COORDINATOR

ISTE COORDINATOR







# ISTE STUDENT CHAPTER (TN 217) MONO ACTING

SCORING SHEET

DATE: 19.02.20

VENUE: HALL NO. CAD-LAB

TEAM NO.	STUDENT NAME	CLASS	MARKS IN ROUND 1 With Time	MARKS IN ROUND 2 With Time	POSITION
1.	M. Salhish kurnow	IV Mech			
2.	E. Sanjay	IV Mech	(30 <b>.</b> 30)		
3.	D. This upugazh	Mech			
4.	K. Senthamiz Sudax	III WECK	5 (22 Sec)		_
5.	B.D. Senthamil Priyon	III MECH B	10 (14500)		
6.	M. SathyamoosAhi	III MECH		10 (135°C)	
7.	S. Krishna	III Mech	7		1
8.	N. Kaviyarasan	III Mech	10 (8sec)	10 (11 sec)	I
9.	R. Asovindasamy	III Med	}		
10.	S. Abbas Mohamed	III Mech	(18 sec)		
11.	K. Annamalai	III MECH	10 (13 Sec)	10	7
12.	P. Enoch Ebenezer	III Mech			

DEPT. ISTE COORDINATOR

ISTE COORDINATOR









NAAC Accredited Institution
Recognized under 2(f) & 12(B) of UGC
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennal
Punalkulam, Gandarvakottai Taluk, Pudukkottai Dist. - 613 303.

# ISTE STUDENT CHAPTER [TN 217]

# Certificate of Appreciation

This is to certify	that Mr/Ms. S. KRISH	NA	of <u>[1]</u> ye
Mechanical Fr	த <u>ுற்றைத</u> ்த Department	has actively pa	rticipated in t
event	Mono Acting	held on	19.2.2020
	of Engineering, Thanjavur	and won	position.
CONVENER CONVENER		* <b>\$</b> 1	PRINCIPAL





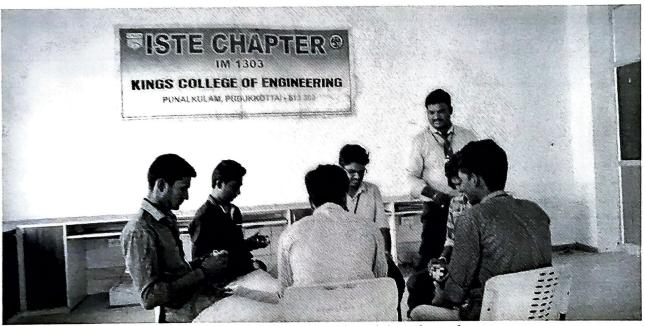


## **ISTE-STUDENT CHAPTER (TN 217)** ACADEMIC YEAR 2019-20(ODD)

## **Cube Game Report**

The ISTE Student Chapter, Kings College of Engineering, Organized a competition on Cube Game on 21.08.2019 between 3.00pm - 3.45pm at CAD/CAM Lab for the ISTE student members of Mechanical Department. 12 students were actively participated in this competition. The following students are the prize winners.

POSITION	CLASS	NAME OF THE STUDENT
FIRST	IV MECH B	M. SATHISH KUMAR
SECOND	III MECH	D. THIRUPPUGAZH
THIRD	III MECH	S. KRISHNA



Participants actively solving the cube

#### **About the Event**

The Irregular IQ Cube is a break-through of the traditional IQ game! We could change to this new brain training cube. Solving the cube is made piece by piece, just like any other puzzle. If we solve the Rubik's cube then we're at least fairly smart. However, there are plenty of really smart people that can't solve the cube on their own (or even with help). It's just one type of smartness and it also requires secondary skills such as patience and perseverance.

J. 18 23/8/4.

PRINCIPAL

PHOTOS

Students actively participated (21.08.2019)



Participants actively solving the cube







(NAAC Accredited Institution) (Approved by AICTE New Delht, Affiliated to Anna University, Chennal)

# Department of Mechanical Engineering Academic year 2019-20 (ODD) ISTE STUDENT CHAPTER (TN217) Cube Game Event

Date: 21.08.2019 Venue : CAD Lab

Sno	Student Name	Class	Round 1	Round 2	Round 3	Total
1	SATHISH KUMAR M	IV MECH	10	9	9	28
2	ENOCH EBENEZER P	III MECH	9	8	8	25
3	SELVAMANI T	IV MECH	9	7	8	24
4	RAJULU M	IV MECH	9	8	7	24
5	SWAMINATHAN S	IV MECH	9	8	8	25
6	MADHESH D	III MECH	9	8	7	24
7	SANTHOSH SHIVAN K	· III MECH	9	8	8	25
8	THIRUPUGAZH D	III MECH	10	9	8	27
9	KAVIYARASAN N	III MECH	9	8	7	24
10	MD YASIN SHERIFF R	III MECH	9	8	8	25
11	AUGUSTINE ALBERT J	III MECH	9	8	8	25
12	KRISHNA S	III MECH	10	8	8	26

DEPT ISTE CO-ORDINATOR

M. 1 23/8/19

ISTE Coordinator

J. Morut 9

PRINCIPAL







# ISTE STUDENT CHAPTER (TN 217) CUBE GAME ATTENDANCE SHEET

**DATE: 21.08.19** 

**VENUE: CAD/CAM LAB** 

S. NO.	STUDENT NAME	CLASS	SIGNATURE
1.	SATHISH KUMAR M	IV MECH	MSJashil
2.	ENOCH EBENEZER.P	III MECH	Oruj.
3.	SELVAMANI.T	IV MECH	J. Seling.
4.	RAJULU · M	IV MECH	M. Ring.
5.	S. Swaminathan	1V MBCH	8. Cint.
6.	D. Madhesh	III Mech	D. EAR
7.	Santhosh Shevan K.	ill-MECH	K. Inthoh Miran
8.	D. Thirupugash.	W-Mech	D. Thipph
9.	N. Kaviyarasan	III-Mech	N. Quel
10.	N. Kaviya rasang R. Mohamed Yarin Shaif	il-Mech	Dabland fair flow
11.	J. Augustine Albert	III-Mach	J. Dreefe, -
12.	S. KRISHNA	Ilmech	S.KNL
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15.			
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DEPT. ISTE COORDINATOR

23/8/19

2310

PRINCIPAL

ISTE Coordinator







#### **ISTE STUDENT CHAPTER (TN217)**

Academic Year 2019-2020 (ODD)

#### **SUDOKU REPORT**

The ISTE Students Chapter, Kings College of Engineering, organized a competition on SUDOKU on 27.02.2019 between 3.00 pm to 4.00 pm at CAD/CAM Lab for the ISTE Students members of mechanical department, 12 students are actively participated in this completion. The following students are prize winners.

POSITION	CLASS	NAME OF THE STUDENT
FIRST	III	D. MADHESH
SECOND	IV	M. RAJULU
THIRD	III	D. THIRUPUGAZH



#### **Students Actively Participated in SUDOKU**

#### **About the Event**

For the skill enhancement of student community, a Sudoku competition on Technical skill was conducted for the ISTE Students members of mechanical department on 27.02.2019. Students actively participated in the competition Based on the completion of puzzle within the stipulated time.

DEPT ISTE COORDINATOR

ISTE COORDINATOR

PRINCIPAL

# **PHOTOS**



Students actively participated in Sudoku event



# COLLEGE OF ENGINEERING Approved by AICTE, New Public AMPlication Association (College) Approved by AICTE, New Public AMPlication College) Approved by AICTE, New Public AMPlication College) Approved by AICTE, New Public AMPlication College)





# ISTE STUDENT CHAPTER [TN 217]

# Certificate of Appreciation

This is to certify that Mr/MsT. SELVAMENT of	/ear
Mechanical Engineering Department has actively participated in	the
event Sudolsu Competition held on 27.2.20	19
at Kings College of Engineering, Thanjavur and won position.	
CONVENER  T. Down to  PRINCIPAL	







# ISTE STUDENT CHAPTER (TN 217) ACADEMIC YEAR 2018-19(ODD SEMESTER)

#### **Puzzles Report**

The ISTE Student Chapter, Kings College of Engineering, organized a competition on Puzzles on 12.9.18 between 2.40pm - 3.25pm for the ISTE student members of Mechanical Department. 10 students have actively participated in this competition. The following students are the prize winners.

POSITION	CLASS	NAME OF THE STUDENT	
FIRST	IV MECH A	P.KISHORE KUMAR	
		R.R.PRAVIN	
SECOND	IV MECH A	J.ZEON IRUDHAYARAJ	
		K.MOHAMED THARIK	
THIRD	III MECH B	E.SANJAY	
		J.VIJAY BASKAR	

#### About the Event

The skill of effective problem solving is a valuable and important one. Puzzles teach students to use their own minds to figure out how to solve problems and think in a logical way.



Participants actively solving the crossword

Coordinator/ISTE Chapter

J. PRINCIPAL

### PHOTOS (12.09.2018)



Participants actively solving the crossword







# ISTE STUDENT CHAPTER (TN 217) PUZZLES COMPETITION ATTENDANCE SHEET

DATE: 12.09.18

VENUE: HALL No. 205

TEAM NO.	STUDENT NAME	CLASS	SIGNATURE
1.	E. Sanjay	III - Mech'B'	E. Sarjay
2.	Tripay baskan	III - MECH'B'	The state of
3.	J. Zeon Irudhay aray	IX mech 'A'	1.201
4.	B. Mohamed Thavil	W mech-A	N. Fruit
5.	T J. RAGHUL	IV mech A	7.7.2m
6.	3. Dee Pan	Tu mech A	I Pland
7.	L.Mohamed Arif	IV MOCHA	
8.	S.Arun Kumon	TV Ment	B. Der
9.	P. Kishore Kumai	Wych	D.K.J.
16.	R.R. PRAUIN	TV Mach	P.R.D
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DEPT. ISTE COORDINATOR

ISTE COORDINATOR 18

J. Porquetico







# ISTE STUDENT CHAPTER (TN 217) PUZZLES COMPETITION

DATE: 12.09.18

VENUE: HALL NO. 205

TEAM	STUDENT NAME	CLASS		MARKS		
NO.	0.000	CUASS	ROUND 1	ROUND 2	TOTAL	POSITION
1.	E. Sanjay	MACEB	6	2	08%	TII)
2.	E. Sanjay J. Vijay baskas I	77	6	2	08	
3.	J. Zeen Indhyaraj	IVMECHA	6	3	094	Ī
4.	K. Mahamed Thavik	**	6	3	09	
5.	T. J. Roghul	4	3	_	03	
6.	S. Deepon 1	',	3	_	03	
<b>7</b> .	L. Mohamed Axit		5	_	05	
8.	S. Asunkumas 1	1,	5		05	
9,	P. Kishore Kumar		8	7	154	I
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DEPT. ISTE COORDINATOR

ISTE COORDINATOR 18

J.1884 19/18





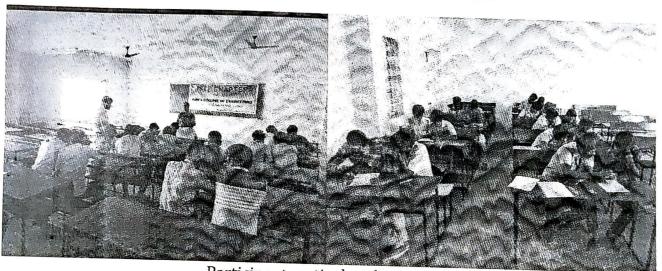


# **ISTE-STUDENT CHAPTER (TN 217)** ACADEMIC YEAR 2017-18(EVEN)

# Puzzles Report

The ISTE Student Chapter, Kings College of Engineering, Organized a competition on Crossword on 06.03.2018 between 3.00pm - 4.00pm at hall no. 207 for the ISTE student members of Mechanical Department. 16 students have actively participated in this competition. The following students are the prize winners.

<b>POSITION</b>	CLASS	NAME OF THE STUDENT
FIRST	III MECH A	G. ALEXRAJA
		A. AJITH
SECOND	II MECH B	N. RAGUNATH
		M. RAJULU
THIRD	III MECH B	M. SETHUPATHI
		R. SIVAPRASATH



Participants actively solving the crossword

#### About the Event

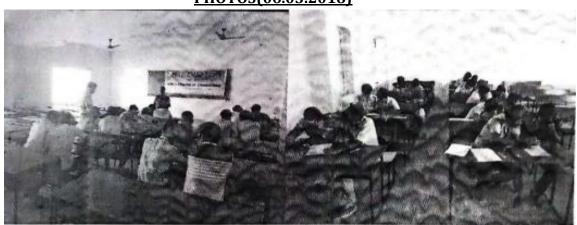
The skill of effective problem solving is a valuable and important one. Crossword Puzzles teach students to use their own minds to figure out how to solve problems and think in a logical way.

#### Guidelines

- Team event.
- Team size: Two.
- There are two rounds, like first and second round.
- In Round 1, one crossword sheet will be given for each team. Time: 10 Minutes.
- Five teams will be selected for Round 2.
- In Round 2, one crossword sheet will be given for each team. Time: 5 Minutes.
- Three teams will be selected for the prize.
- If the rules are violated, then the participants will be rejected immediately.
- Judges decision will be final.



# PHOTOS(06.03.2018)



Participants actively solving the crossword







# ISTE STUDENT CHAPTER (TN 217) CROSSWORD ATTENDANCE SHEET

**DATE:** 6.3.18

**VENUE: HALL NO.209** 

TEAM NO.	STUDENT NAME	CLASS	SIGNATURE
1.	T.Dhinesh R. Bala Subramanian	TII-Mech "A"	T. Blynd .
2.	G.ALEXRAJA A.AJith	III_Mech A	GALLA
3.	B. PRADHEEPAN	III-moch A	B. Proch
4.	M. RAJULU N. RAGUNTHI	11 Mech B	Mr. Ray why.
5.	M. Sethupathi R. Siva Prosath T. Servamani	III - Marh- B	all the
6.	J. VIJaya Bayran	I Mech-B	order fryhands
7.	E. Sarjay M. Sathish kumar H. Barthington S. Swami pathan	\$ - Mech 'B'	E. saranz M. Safting
. <b>8.</b>	H. Barthinatan S. Swamipalian	II- Wech p	S. Golf
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DEPT.ISTE COORDINATOR

ISTE COORDINATOR 8







# ISTE STUDENT CHAPTER (TN 217) CROSSWORD SCORING SHEET

DATE: 6.03.18

**VENUE: HALL NO. 209** 

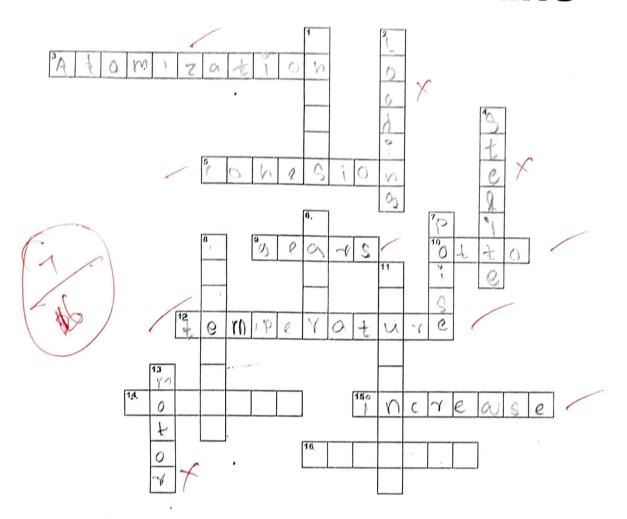
DATE: 6.03.18				The address of the second seco	J NO. 209	
S. NO.	STUDENT NAME CLASS		ASS	MAI	POSITION	
5, 110,				ROUND 1	ROUND 2	
1.	T. Dhinesh R. Balashboamanian	回	A	(6)		
2.	G. Alexanja . A. Aith	111.	A		(6)	I
3.	G. Alexanja A. Ajith B. Pandheepan S. Deepan	II	A	(4)		
4.	M. Rajulu N. Raguporth	110	B	(A)	(5)	I
5.	M. Sethupathi B. Sivapoasath	II	B	(5)	(3)	TU
.6.	T. Selvamani J. Vijaya Baskar F. Sanjay M. Sathish Kumar M. Sak Hinathan	I	B	1		
7.	E. Sanjay Mt. Southish Kumar	ı	B'	3		
8.	M. SaktRinathan S. Swaminathan	I	В	D		
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DEPT. ISTE COORDINATOR

ISTE COORDINATOR

Name GALEXRAJA, AJITH

# MECHANICAL ENGINEERING



#### Across

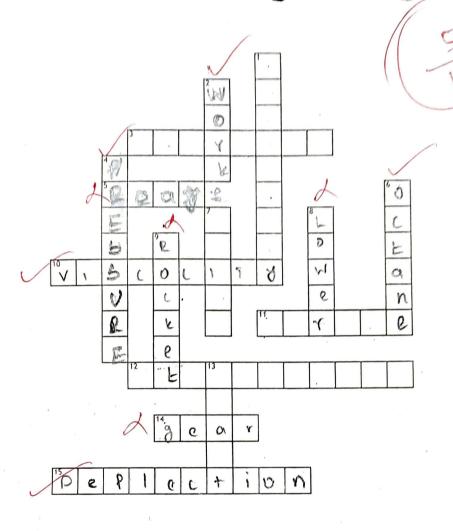
- 3, the process of breaking up or a liquid into fine droplets by spraying is called
- 5. properties of a fluid by which its own
- nolecules are attracted is called
- 9. \_\_\_\_ are used to transmits power between
- two shaft of shortest distance
- 10. for the same heat input and compression ratio the most efficient cycle is
- 12. the specific heat of an ideal gas depends on 13. the cutting tool in a milling machine is its
- 14. The material commonly used for crane hooks is \_\_iron
- 15, the ultimate tensile strength of low carbon steel by working at a high strain rate will
- 16. the large force acts on on a body over a short period of time is called as

#### Down

- 1. Autocollimeter is used to check the
- 2. The fatigue life of a part can be improved by
- 4. pure iron is a structure of\_\_\_\_\_
- 6. A screw is specified by its\_\_\_\_ diameter
- 7. unit of dynamic viscosity
- 8. the product of mass and velocity is termed as
- 11. the material which on machining produces chips with build up edge is
- mounted on

Kg M. Kgw

mechanical engineering



3. The speed at which the shaft runs so that the additional deflection of the shaft from the axis of rotation known as the angle of becomes infinite, is known as

Dedendum circle also called as \_\_\_\_ circle 10. the property which determines the amount of its resistance to a shearing force

- 11. which is an extensive property
- 12. The ratio of the change in transducer's output to a corresponding change in the value of the measurand
- 14. The mechanism forms a structure, when the number of degrees of freedom (n) is equal to
- 15. macaulay's method is used to determine

#### Down

- 1. Angle between normal stress and tangential stress is
- 2. Joule is a unit of
- 4. an isobaric process has constant
- 6. Ignition quality of fuel for SI engine is determined by \_ number rating.
- 7. the portion of the piston below the ring section is . known as
- 8. For effective working of fins the thickness of the fins should be
- 9. the backlash for the spur gears depends on
- 13. A machine part subjected to an axial compressive force is called





Anna University, Chennal)



### **ISTE-STUDENT CHAPTER (TN 217)**

# **Think Finity Report**

1. Name of the Event

Think Finity

2. Date & Time

15.03.2017 & 3.00pm - 3.45pm

3. Venue

Hall No.410, Kings College of Engineering

4. Level of the Event

Students

5. Name of the Organizer

Mrs.T. Gnanajeya

Coordinator – ISTE STUDENT CHAPTER

6. Organized for

ISTE Student Members of Mechanical

Department

7. Number of Participants

19 (4 Teams)

8. Purpose

Innovative Thinking

9. Event Photos

Annexure – IA

10. Attendance Sheet & Score sheet

Annexure – IB

11. Prize winners

Annexure - IC

**PRINCIPAL** 

# Think Finity held on 15.03.2017



Drama performed by the theme of Environmental Pollution



Drama performed by the theme of Avoid Plastic



# COLLEGE OF ENGINEERING



(NAAC Accredited Institution) (Approved by ACTE New Delhi Affiliated to Anna University, Chennai)

## ISTE STUDENT CHAPTER (TN 217) THINK FINITY(DRAMA) **ATTENDANCE SHEET**

DATE: 15.03.17

VENUE:

Hall , No. 410

TEAM NO.	STUDENT NAME	CLASS	SIGNATURE
1.	ot. Havi Muongaesh B.R. Poavin L. Mohamed Avif K. Mohamed Thavik N. Navesh Kumar	Il Mtecha	R.R. P. S. L. MOLEN
2.	A. Aoun A. Bañ vava moorthy A. Murugan R. Mani Kandan	III Mech A &13	A. Amily D. Hurating
3.	A. Kishove kumar B. Karthick Raja S. Hariharan A. Kathiraran	III Mech	A kished. 3. seil A. lather.
4.	A. Ramkumar B. Rajan E. Rajkumar K. Rajesh S. Saraba S. Santhosh	III intech B	E Rojan  E. Rojan  E. Rojan  S. Soute, S. Dull
5.			-
6.			

DEPT. ISTE COORDINATOR







# ISTE STUDENT CHAPTER (TN 217) THINK FINITY (DRAMA) SCORING SHEET

DATE: 15.03.17  VENUE: Hall N								
TEAM	STUDENT NAME	CLASS	TOPIC	MARK SPLIT UP				POSITION
NO.				THEME (4)	TEAM COORDINATION (4)	DIALOGUE (2)	TOTAL (10)	
1.	M. Hari Toturngaesh B.B. Pravin L. Mohamed Arif K. Mohamed Tharik N. Naresh Kumar	71 MechA	Avoid Plastic	3	3	l	7	
2.	A. Aoun A. Boñ savamoosthy A. Istusugan R. Istani Kandan	III Mech A B	Renevable Energy - solar System	3	3	l	7	
3.	A. Kishore Kumar B. Karthick Raja S. Harihavan A. Kathiravan	1	Envisonmental Pollution	4	3	l	8	11'_
4.	A. Plamkumar B. Rayan F. Raykumar K. Rayesh S. Saraba S. Santhosh	III TotochB	Avoid Plashic - Green Land	4	4	1	9	工
5.								









(NAAC Accredited Institution)
(Approved by AICTE New Delhi, Affiliated to
Anna University, Chennai)

# **ISTE-STUDENT CHAPTER (TN 217)**

# Think Finity on 15.03.2017 – PRIZE WINNERS

PRIZES	CLASS	NAME OF THE STUDENT				
FIRST	III MECH B	A. RAMKUMAR				
		B. RAJAN				
		E. RAJKUMAR				
		K.RAJESH				
		S. SARABA				
		S. SANTHOSH				
SECOND	III MECH B	A. KISHORE KUMAR				
		R. KARTHICKRAJA				
		S. HARIHARAN				
		A. KATHIRAVAN				

Coordinator 3 17
ISTE Chapter

PRINCIPAL







Approved by AICTE. Affiliated to Anna University

ISTE-STUDENT CHAPTER (TN 217)

# Certificate of Appreciation

This	is	certify	that	Mr/Ms.		A. RAI	MKUM	AR		_ of _	1	ĪĪ_	year.
D€pa	ertn	n∈nt oi	·	MECHE	NIC	A—	has a	activ <b>s</b> ly	parti	cipated	in	th∈	event
	7	HINK	FIN	277		and won	I	P	osition	held on _	۱5.	03.7	L017
at Kir	ngs (	College of	f Engir	eering, Th	anjavu	Jr.							

CONVENER CONVENER







Approved by AICTE, Affiliated to Anna University

ISTE-STUDENT CHAPTER (IIN 217)

## Certificate of, Appreciation

This	is cer	tify ti	nat Mi	/Ms		<u>B.</u>	RAT	TAN		of _	1	<u>u</u>	_ yea	Γ,
D∈p	artmen	of	M	CHANI	CAL		has	activEl	y pai	rticipated	in	th∈	EVEN	t
	THE	NKF	INI	ry	and w	von _		エ	positio	on held on _	15	.03.	2017	
				(										

at Kings College of Engineering, Thanjavur.









#### **ISTE-STUDENT CHAPTER (TN 217)**

#### **Paper Presentation Report**

1. Name of the Event : Paper Presentation

2. Topics : (1) Today – Environmental Challenges and

Remedies

(2) Recent Trends in Solar System

(3) Recent Trends in Thermal System

3. Date & Time : 2.02.2017 & 2.00pm – 3.30pm

4. Venue : Pallava Hall, Kings College of Engineering

5. Level of the Event : Students

6. Name of the Organizer : Mrs.T. Gnanajeya & Mrs.V.Filomin Joseena

Coordinators – ISTE CHAPTER

7. Organized for : ISTE Student Members of MECH Department

8. Number of Participants : 15 (8 Teams)

9. Purpose : Skill development & Knowledge Sharing

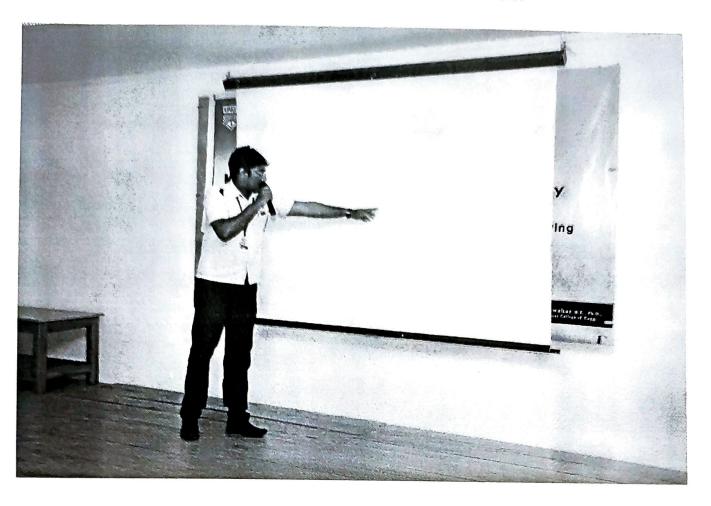
10. Event Photos : Annexure – IA

11. Attendance Sheet & Score sheet : Annexure – IB

12. Prize winners : Annexure – IC

COORDINATOR

## Paper Presentation held on 02.02.2017



Student actively presenting the paper



ISTE Student Chapter Coordinators observe the performance







## ISTE STUDENT CHAPTER (TN 217) PAPER PRESENTATION ATTENDANCE SHEET

**DATE: 02.02.17** 

VENUE : Pallava Hall

TEAM NO.	STUDENT NAME	CLASS	SIGNATURE
1.	A. PARTHASARATHY R.A. RAJAKUMARAN	III MECH B	Afarthararathy R.A. Rejar okaa.
2.	R. KARTHICK RAJA A. KISHORE KUMAR	MECH B	a. b. their
3.	S. Houri Housen R. NAVANEE THA	MECH -B	8. zeie port.
4.	K. RAJESH KRISHNAN A. RAMKUMAR		L. Perton A. Dah
5.	R. Mani kandan R. Sabarina than	III Meah B	R. Sur
6.	S. Radhakushnen M. RAMKUNAR	III MECHB	3 Pers.
7.	Gr. Kuralarasan		Gr. De .
8.	B 'RAJAN E. RAJKUMAR	IJ -Mech 'B"	B.Rjan E. Fujlent
9.			
10.			
11.			
12.			

DEPT. ISTE COORDINATOR

ISTE COORDINATOR



## KINGS COLLEGE OF ENGINEERING (NAAC Accredited Institution)



(NAAC Accredited Institution) (Approved by AICTE, New Delhi, Affiliated to Anna University, Chennal)

#### **ISTE-STUDENT CHAPTER (TN 217)**

### Paper Presentation on 02.02.2017 - PRIZE WINNERS

PRIZES	CLASS	NAME OF THE STUDENT
FIRST	III MECH B	S.HARIHARAN
		R.NAVANEETHA KRISHNAN
SECOND	III MECH B	R. KARTHICK RAJA
		A. KISHORE KUMAR
THIRD	III MECH B	A. PARTHASARATHY
		R.A. RAJAKUMARAN

Coordinator 1-







Approved by AICTE. Affiliated to Anna University

**ISTE-STUDENT CHAPTER (TN 217)** 

## Certificate of, Appreciation

This is certify	that Mr/Ns.	S. HAR	LHARAN	) of	III	year.
Department o	MECHANICAL	<i>ENGG</i> has	activety	participat∈d	in the	event
PAPER PE	RESENTATION :	and won	<u> </u>	osition held on _	2.2.	2017
at Kings College o	of Engineering, Thanjavur	·				











Approved by AICTE, Affiliated to Anna University

**ISTE-STUDENT CHAPTER (TN 217)** 

## Certificate of, Appreciation

This is certify that Mr/Ms. R. NAVANEETHA KRISHNAN of	<u>lil</u> year,
Department of MECHANICAL ENGG has actively participate	ed in the event
PAPER PRESENTATION and won I position held or	n 2.2.2017
at Kings College of Engineering, Thanjavur.	

CONVENER CONVENER







#### **ISTE-STUDENT CHAPTER (TN 217)**

### **Monoacting Report**

1. Name of the Event : Monoacting

2. Date & Time : 28.09.2016 & 2.00pm – 2.45pm

3. Venue : Hall No 410, Kings College of Engineering

4. Level of the Event : Students

5. Name of the Organizer : Mrs.T. Gnanajeya

Coordinator – ISTE STUDENT CHAPTER

6. Organized for : ISTE Student Members Of Mechanical

Department

7. Number of Participants : 10

8. Purpose : Innovative Thinking

9. Event Photos : Annexure – IA

10. Attendance Sheet & Score sheet : Annexure – IB

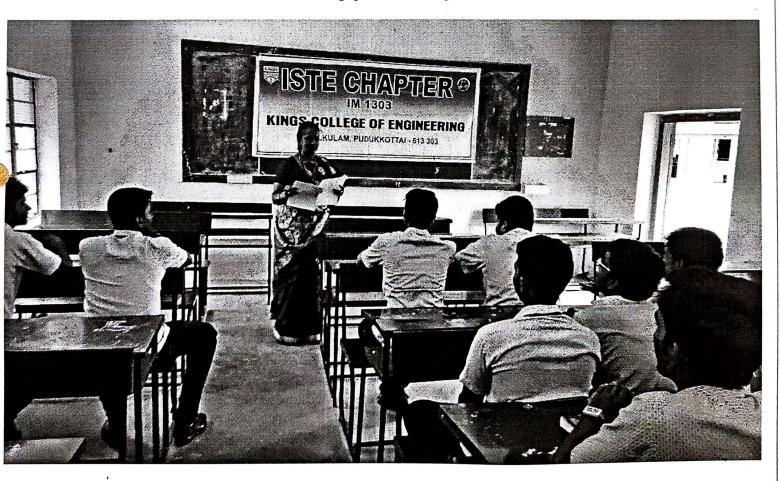
11. Prize winners : Annexure – IC

Coordinator 29 9 16
ISTE Student Chapter

## Annexure - IA Monoacting held on 28.09.2016



Monoacting performed by a Team



ISTE Student Chapter Coordinator Announce the Result







agranced by AICTS, Attituded to Anna University, Accordited by 1984

# ISTE STUDENT CHAPTER (TN 217) MONO ACTING ATTENDANCE SHEET

DATE: 28.09.16

**VENUE: HALL NO.410** 

TEAM NO.	STUDENT NAME	CLASS	SIGNATURE
1.	A. KISHORE KUMAR R. KARTHIK RAJA	TI MECHB	d'home of
2.	R. NAVANEETHA KRISHNAN A. KATHIRAVAN	TI MECH B	Ackathor
<del>\$.</del>	A · RAMKUMAR E · RAJKUMAR	III MECH B	_
3	RARAJA KUMARAN A. PARTHASARATHY	III MECH B	RATeratae Aforthaly
<del>š.</del>	B-RAJAN K-RAJESH	刊 HECH B	
4	M. MAHATHEER MANSOOR M. JAGADEESAN	11 MECH-B	M. Mahatheer Mansoo Y
5.	M. NARENDRAN S. HARIHARAN	III MECH B	M. Naud. 3. ser
8.			
9.			
10.			
11.			
12.			

DEPT. ISTE COORDINATOR

ISTE COORDINATOR







Approvated by ANS 18. Appropriate his Aprilla conversors discussioned by NRA

## ISTE STUDENT CHAPTER (TN 217) MONO ACTING SCORING SHEET

DATE: 28.09.16

**VENUE: HALL NO.410** 

TEAM NO.	STUDENT NAME	CLASS	MARKS IN ROUND 1 With Time	MARKS IN ROUND 2 With Time	POSIT	ION
1.	A. Kishore Kumar	III	0	0		
	R. Karthik Raga	iotech B	30 Sec	30 Sec		
2.	R. NAVANEETHA Konshmir	711	0	10	10	I
	A. Kathiravan	Mech B	30 sec	11 Sec	6sec	
3.	R.A. Raga Kumasan	皿	10	O	10	T
Э.	A. Parthasarathy	Mech B	12 Sec	30 SEC	13800	
4	M. Mahatheers Mansoor	111	0	0		
4.		Mech B	30 Sec	30 Sec		
_	M. Namendman	TIT,	0	10	0	TII
5.	S. Haziharan	Mech B	30 sec	08 Sec	30Sec	
,						
6.		a a	·			
7.						
8.						
9.						
10.						
11.						
12.						

DEPT. ISTE COORDINATOR

ISTE COORDINATOR 16







Approved by AICIR. Attributed to Annia University, Accredited by MBA

## **ISTE-STUDENT CHAPTER (TN 217)**

## **Monoacting ON 28.09.2016 - PRIZE WINNERS**

#### Annexure - IC

PRIZES	CLASS	NAME OF THE STUDENT
FIRST	III MECH B	R. NAVANEETHA KRISHNAN
		A. KATHIRAVAN
SECOND	III MECH B	R.A. RAJA KUMARAN
		A. PARTHASARATHY
THIRD	III MECH B	M. NARENDRAN
		S. HARIHARAN

Coordinator 29916
ISTE Student Chapter









**PRINCIPAL** 

Approved by AICTE, Affiliated to Anna University

ISTE-STUDENT CHAPTER (TN 217)

# Certificate of, Appreciation

This is certify that Mr/Ms 3. MAVAI	VEETHA KRISHNAN of year
Department of	has actively participated in the event
Monoacting and wor	
at Kings College of Engineering, Thanjavur.	









Approved by AICTE, Affiliated to Anna University

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## ISTE-STUDENT CHAPTER (TN 217)

# Certificate of Appreciation

This is certify that Mr/MsA.16A	THIRAVAN	of _	111	_ year.
Department of Mechanical	has activ <b>e</b> ty	participated	d in the	event
Monoacting and won	P	osition held on <sub>-</sub>	28.09.	2016
at Kings College of Engineering, Thanjavur.				<b>~</b> ,

**CONVENER** 







Approved by AICIE, Airboted to Anna University Appreciate to MA

## **ISTE-STUDENT CHAPTER (TN 217)**

## **Quiz Competition Report**

1. Name of the Event : Quiz Competition

2. Date & Time : 17.08.2016 & 2.00 pm – 3.30pm

3. Venue : Pallava Hall, Kings College of Engineering

4. Level of the Event : Students

5. Name of the Organizer : Mrs.T. Gnanajeya &

Mrs.V. Filomin Joseena

Coordinators – ISTE STUDENT CHAPTER

6. Organized for : ISTE Student Members of Mechanical

Department

7. Number of Participants : 42 (14 Teams)

8. Purpose : Knowledge Improvement

9. Event Photos : Annexure – IA

10. Attendance Sheet & Score sheet : Annexure – IB

11. Prize winners : Annexure – IC

Coordinators (1) ISTE Student Chapter

### Annexure - IA

### Quiz Competition held on 17.08.2016



ISTE Student Chapter department Coordinator conduct the session







## ISTE Students Chapter (TN217)

### QUIZ

## ATTENDENCE SHEET

Date:17-08-16

Venue: Pallava hall

Team	Students name	77	
T Gain	Students name	Year	Signature
	S.Hariharan		
		111	1 Six in
1	R.Navaneethakirshnan		Ai
	R.Manikadan	11)	plus.
4	Andrew American Street	M1	1 8-2 M
	R.Karthick raja	tu	1
2	A.Kishore kumar	101	M
	v	_ m	Q = b = b
	A.Kathiravan	61	~ A   AP
	G.Sathish kumar	( )	N. K. J. J.c
3	R.Sabarinathan		
<b>5</b>			
	R.Sathish kumar		
	A.Parthasarathy		I. A
4			Sportherry
4	R.A.Rajakumarar		RAROS So
	-M.Praveen-M. Ramk uma Y		K Akeya to
	Mi Ram'k uma Y	$\mathfrak{M}$	Mike
	K.Nirmalraj	117	K.M.
5	A.Mukilan	YLL	W. Pelin
		111	A. P. Whe
	A.Murugan	(I)	
			H. Minday

E.Jaivignesh	111	Nr lea la Sanh
G.Kumaravel		s. knarve
J.Jothibasu	717	T. Tollbase.
K.Karthick(23.11.96)	711	K Kel-10
K.Karthick (T2.5.97)	TV	S. 8602
N.Kaviyarasan	Πı	N.C.
G.Kuralarasan	TU	Est Dus .
G.Lokesh		
T.Mohamed hanita		
M.Jagadesan	51)	P. Ja
M.Narentran		M.O.
K.Ezhil arasan	TH	
S.Sathish kumar	(V)	Kosthol M
K.Pushpanathan	Tel	K.P.
V.Prvæn kumar	<u> </u>	v. prown hel
B.Rajan	111	B. Rijan.
A.Ramkumar		A.D.
E.Rajkumar	111	E. Pyran
K.Rajesh	1/1	f. Por
T. Sathish S. KARTHIK	711	2200
S.Saraba	D	Sisark
I.Akbar ali	177	T Alan
R.Balaji(6.7.96) J. KANTHIK		J. W. M. A.
M.Mahatheer mansoor		M. Maherhan
K.S.Arun	1	ROA
B.Bala vignesh	411	Del
	J.Jothibasu  K.Karthick(23.11.96)  K.Karthick(12.5.97)  C. Udhougelfaish nan  N.Kaviyarasan  G.Kuralarasan  G.Lokesh  T.Mohamed hanita  M.Jagadesan  M.Narentran  K.Ezhil arasan  S.Sathish kumar  K.Pushpanathan  V.Prven kumar  B.Rajan  A.Ramkumar  E.Rajkumar  K.Rajesh  T.Sathish   K.Rajesh	G.Kumaravel  J.Jothibasu  K.Karthick(23.11.96)  K.Karthick(12.5.97)  C. Uchayarasan  M.Kaviyarasan  G.Kuralarasan  G.Lokesh  T.Mohamed hanita  M.Jagadesan  P. J. Karthick (12.5.97)  C. Uchayarasan  M.Narentran  K.Ezhil arasan  S.Sathish kumar  K.Pushpanathan  V.Prveen kumar  B.Rajan  A.Ramkumar  E.Rajkumar  K.Rajesh  T.Sathish S. KARTHIK  S.Saraba  I.Akbar ali  R.Balaji(6.7.96) T. KARTHIK  M.Mahatheer mansoor  K.S.Arun

	A.Balaji	M	A Bala,
	M.Aravindhan	44	donn.
15	A.Arun	TI	An.
	J. Anbarasan R. Balajo	ZUZ.	no.
	R.Balaji		
16	A.Anandhan		
	A.Ahuth raj		

ISTE Co-ordinator

18/16

Dept Co-ordinator







ISTE Students Chapter (TN217)

### QUIZ

### SCORING SHEET

Date:17-08-16 Venue: Pallava hall

Team		Students name	I	I	Position	
		S.Hariharan			2	)
1		R.Navaneethakirshnan			5 - (	
101	6-1	R.Manikadan				-
370)	_	R.Karthick raja			7	7
2	,	A.Kishore kumar	J		9 15	(.
1.2		A.Kathiravan			•	وال
		G.Sathish kumar				(
3		R.Sabarinathan				
	1	R.Sathish kumar		/		
		A.Parthasarathy		7		
4		R.A.Rajakumarar		5	10	
1.3	6.3	M.Praveen W. Ramkumar				
		K.Nirmalraj	The second secon	2		
, 5		A.Mukilan			ю	1
2-1		A.Murugan	- 2000			

		5
	E.Jaivignesh	
6	G.Kumaravel	5 -
2.2	J.Jothibasu	<u>():2</u>
	K.Karthick(23.11.96)	7
7	K.Karthick(12.5.97) S. Udhaya krishnan N.Kaviyarasan	715 sound
2.3	N.Kaviyarasan	0
	G.Kuralarasan	
8	G.Lokesh /	
	T.Mohamed hanifa	
	M.Jagadesan R. Venkatesan	. 9
9	M.Narentran	10
3.1	K.Ezhil arasan	U
	S.Sathish kumar	7
10	K.Pushpanathan	5 -
3.2	V.Prveen kumar	
,	B.Rajan	7 (1.3)
11	A.Ramkumar	4 15 IL
3.3	E.Rajkumar	) Lond
	K.Rajesh	7
12	T. Sathish S. Karthik.	(15) (1)
4 • )	S.Saraba	(21)
7 '	I.Akbar ali	7
13	R.Balaji(6.7.96) J. Kartik	S lo .
4.2	M.Mahatheer mansoor	
14	K.S.Arun	0
	B.Bala vignesh	5 10
4.3		

	A.Balaji	
	M.Aravindhan	7 2-2
15	A.Arun	15 The mound
5.1	J. Anbarasan R. Balaji	
	R.Balaji	
16	A.Anandhan	
	A.Ahuth raj	

ISTE Co-ordinator

Dept Co-ordinator







Approved by AICTE, Affiliated to Anna University. Accresized by 18A

### **ISTE-STUDENT CHAPTER (TN 217)**

### **Quiz Competition on 17.08.2016 – PRIZE WINNERS**

#### Annexure - IC

PRIZES	CLASS	NAME OF THE STUDENT
FIRST	III MECH B	A. PARTHASARATHY
		R.A. RAJAKUMARAN
		M. RAMKUMAR
SECOND	III MECH A	K. KARTHICK(23.11.96)
		S. UDHAYA KRISHNAN
		N. KAVIYARASAN
THIRD	III MECH A	R. KARTHICK RAJA
		A. KISHORE KUMAR
	*	A. KATHIRAVAN

Coordinators 29/8/16
ISTE Student Chapter



TOVRheinlande CERT ISO 9001



Approved by AICTE, Affiliated to Anna University

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ISTE STUDENT GHAPTER (TIN 217)

# Certificate of Appreciation

This is certify that Mr/Ms. 6 PART	HASARATHY of _	<u>III</u> year,
Department of Techanical	has activity participated	d in the event
and won	position held on	17.08.2016
at Kings College of Engineering, Thanjavur.		

CONVENER CONVENER







Approved by AICTE, Affiliated to Anna University

ISTE STUDENT CHAPTER (TIN 217)

# Certificate of Appreciation

This is certify that Mr/Ms. RABAJA	KUM	TARAN	of _	III	year,
Department of Mechanical	has	activity	y participated	in the	event
BUIZ and won		I	position held on _	17.08.	2016

at Kings College of Engineering, Thanjavur.



