

## SCHEDULE OF EVENTS AND DETAILS OF EXPENDITURE

S.N o	Date	Event	Details of Expenditure	Amount
1.	19 <sup>th</sup> Feb, 2014	Treasure Hunt –5 participants per group	First prize – 10 no.s (Rs.50/- X 10 prizes)	Rs. 500/-
2.	26 <sup>th</sup> Feb, 2014	Crafts Workshop	Materials for crafts	Rs. 500/-
		Best Design of previous Semester – Display and Jury	First and Second prizes for 4 years (Rs. 500/- X 4 First prizes + Rs. 250/- X 4 Second prizes)	Rs. 3000/-
		Fireless cooking competition	First and Second Prize (Rs. 100/- X 2 First prizes + Rs. 50/- X 2 Second prizes)	Rs. 300/-
3.	12 <sup>th</sup> March, 2014	Quiz - 3 participants per Group	First and Second Prize (Rs. 100/- X 3 First prizes + Rs. 50/- X 3 Second prizes)	Rs. 450/-
		Face Painting	First and Second Prize (Rs. 100/- X 2 First prizes + Rs. 50/- X 2 Second prizes)	Rs.300/-
		Design Innovation	First and Second Prize (Rs. 100/- X 2 First prizes + Rs. 50/- X 2 Second prizes)	Rs. 300/-
4.	19 <sup>th</sup> March, 2014	Short Film making	First and Second Prize (Rs. 100/- X 2 First prizes + Rs. 50/- X 2 Second prizes)	Rs. 300/-
		Photography competitions	First and Second Prize (Rs. 100/- X 1 First prize + Rs. 50/- X 1 Second prize)	Rs. 150/-
		Performing arts competitions	First and Second Prize (Rs. 100/- X 1 First prize + Rs. 50/- X 1 Second prize)	Rs. 150/-
5.	26 <sup>th</sup> March, 2014	Prizes and Certificates to be given during Valedictory Function	Certificates for prize winners and event coordinators	Rs. 750/-
			Trophy for Best House	Rs.1000/-
			Refreshments	Rs. 1000/-
			Trophy for Best Studio Award (Cleanliness, participation, performance, Studio interior arts etc)	Rs.1000/-
6.			Stationery and paint for posters	Rs. 1000/-
<b>TOTAL</b>				<b>Rs. 10,700/-</b>





**THIAGARAJAR COLLEGE OF ENGINEERING: MADURAI-15**  
(A Govt. aided, ISO 9001:2008 Certified, Autonomous Institution Affiliated to Anna University)

**DEPARTMENT OF ARCHITECTURE**

To

20<sup>th</sup> March, 2015

The Principal,  
Thiagarajar College of Engineering,  
Madurai

**Sub:** Requisition for permission to conduct student's association valedictory function on 27<sup>th</sup> March, 2015- reg

Sir,

Sir,

It is proposed to invite Prof. Venkatraman, as the chief guest for the association valedictory function on 27<sup>th</sup> March, 2015 and to deliver a guest lecture for the B.Arch students. Permission may please be granted for conducting the lecture association valedictory function.

*Anandkumar*  
**HOD ARCH**  
20/3/15



**DEPARTMENT OF ARCHITECTURE**

To

18<sup>th</sup> July, 2016

The Principal,  
Thiagarajar College of Engineering,  
Madurai

**Sub:** Requisition for permission to conduct student's association Inauguration function on 27<sup>th</sup> July, 2016- reg

Sir,

It is proposed to invite Ar. Biju Kuriakose, founder of ArchitectureRED, Chennai as the chief guest for the Student Association Inauguration function on 27<sup>th</sup> July 2016 and to deliver a guest lecture for the B.Arch students.

Permission may please be granted for conducting the lecture association Inauguration function. Permission may also be granted to book flight tickets from Chennai to Madurai and vice versa for the chief guest for attending the function.

Permission is requested to sanction an amount of Rs. 12,700 towards the honorarium, TA/DA for the Chief Guest, memento for chief guest and tea/ snacks for students and staffs as a cheque in the name of K.Madhivadhani from the Department Association Activities fund 2016.

**Details of expenditure:**

1. Memento for chief guest = Rs. 1000 /-
2. Honorarium for Guest Lecture : Rs. 1000/- per hour X 2hrs = Rs. 2000 /-
3. Flight charges

Departure	Arrival	Flight Name	Expense
Chennai 9.50 am	Madurai 10.50 am	Spicejet	Rs. 1800 /-
Madurai 7.05 pm	Chennai 8.05 pm	Spicejet	Rs. 3700 /-

4. DA : Rs. 200/- = Rs. 200 /-
5. Tea/ snacks : 200 persons x Rs.20 = Rs. 4000 /-

**TOTAL** = Rs.12700 /-

*S. Subhash*  
Faculty in charge

*Shri Prasad*  
HOD ARCH  
*for*

Permitted / Not Permitted

**PRINCIPAL**

*Yes*  
*1/12*  
*Dean Students*



THIAGARAJAR COLLEGE OF ENGINEERING, MADURAI  
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DEPARTMENT OF ARCHITECTURE

DATE: 7/9/16.

B.Arch/2014/Cir/NO :

CIRCULAR

All faculty members are requested to attend  
The "TEACHER'S DAY PROGRAMME" conducted by  
The Students. in the Courtyard.

DATE : 7/9/16

TEAM MEMBERS

TIME : 3.30pm - 4.30pm

S. Subhashini - MS.

M. Shanmathi - of shanmathi.

*Annikittaleey*  
HOD Arch  
7/9/16

Dr. JLK -----  
Prof. GB *4* -----  
Dr. RSP *[Signature]* -----  
Prof SKR -----  
Prof AMM -----  
Prof PS -----  
Prof CSC *[Signature]* -----  
Prof SS *MS* -----  
Prof IC *[Signature]* -----  
Ar. SISS *[Signature]* -----  
Ar. PV -----  
Ar. STL *[Signature]* -----

Dr. SAVE *[Signature]* -----  
Ar. MS *[Signature]* -----  
Ar. MD *[Signature]* -----  
Ar. PMK *[Signature]* -----  
Ar. JVP -----  
Ar. SSM -----  
Ar. KKV *[Signature]* 7/9/16 -----  
Ar. RS *R. Suga* -----  
Ar. MSA *[Signature]* -----  
Ar. MSM *[Signature]* -----  
Ar. KMV *[Signature]* -----



**THIAGARAJAR COLLEGE OF ENGINEERING, MADURAI-15**  
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**DEPARTMENT OF ARCHITECTURE**

23<sup>rd</sup> February, 2017

To  
The Principal,  
Thiagarajar College of Engineering,  
Madurai

**Sub:** Requesting permission for conducting Cultural Association Activities

Sir,

It is proposed to conduct Cultural Association Activities by the Department of Architecture in KM Auditorium on 27.02.2017

Permission may please be granted to sanction advance amount of Rs.15,950 for the winners of the Onstage and Offstage events (enclosed) and also to provide Refreshments for the Staff and Students of the Department of Architecture from STUDENTS ACTIVITY FUND. Kindly sanction the advance as cheque in the name of M.Shanmathi.

S.NO	EXPENSES	AMOUNT
1	Onstage amount	Rs.4500
2	Offstage amount	Rs.6350
3	Refreshment amount	
	1. Students amount	Rs.4500
	2. Staff amount	Rs.600
	<b>TOTAL</b>	<b>Rs.15950</b>

HEAD OF ACCOUNT	AMOUNT SANCTIONED	AMOUNT SPENT TILL DATE	PRESENT COMMITMENT	BALANCE
Students Activity Fund	Rs.20,000	Rs.4000	Rs.15950	Rs.50

- S. Subhashini (S. Subhashini)
  - M. Shanmathi
- Faculty in charge

*M. Shanmathi*  
HOD ARCH

Permitted / Not Permitted  
PRINCIPAL HIC

*M. Shanmathi*



# THIAGARAJAR COLLEGE OF ENGINEERING, MADURAI 625 015

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## DEPARTMENT OF ARCHITECTURE

### CULTURAL ASSOCIATION ACTIVITIES

<u>OFFSITE EVENTS</u>					
<u>VENUE- ARCH DEPARTMENT</u>					
S.NO	NAME OF THE EVENT	DATE	DURATION	TIMINGS	JUDGES
1.	PEN & INK SKETCHING	20/02/2017	1HR	4PM -5PM	PVK , SSIS
2.	WATER COLORS	20/02/2017	1HR	5PM-6PM	SAVE
3.	FACE PAINTING	21/02/2017	1HR	4PM -5PM	MSA, STL
4.	ORIGAMI	21/02/2017	1 HR	5 PM-6 PM	MD, CSC
5.	WRITING ARCHITECTURE	22/02/2017	1 HR	3PM-4PM	HOD , RSP
6.	TALENT SHOW ( 2MIN PERFORMANCE) ANCHORING, DANCE, SINGING, COMEDY, ETC	22/02/2017	2 MINS PER PERSON	4.15PM- 5.15 PM	AMM, IC, MS
7.	KAVIDHAI (WRITTEN) ON THE SPOT (English or Tamil)	24/02/2017	1HR	2.15PM-3.00PM	PMK, SAVE
8.	PHOTOGRAPHY	24/02/2017	TO BE DISPLAYED IN GALLERY	1.15PM-2.15PM	RS, SSM
9.	SHORT FILM	24/02/2017	5-8 MINS PER SHORTFILM	3.00PM TO 4PM	JVP, PVK
10.	MIMICRY	24/02/2017	10MINS PER PERSON	4.15PM- 5.15 PM	K.R, KKV

<u>ONSITE EVENTS</u>					
<u>VENUE- KM AUDITORIUM</u>					
S.NO	NAME OF THE EVENT	DATE	DURATION	TIMINGS	JUDGES
1.	SOLO DANCE ( 30 minutes) (5min performance 6 participants)	27/02/2017	30 MINS	4.30PM - 5.00PM	MSM,SSM
2.	GROUP DANCE (30 minutes - 5 groups ) Maximum 10 nos in a group -5min performance)		30 MINS	5.00PM - 5.30PM	MSA,SP
3.	MIMING (30 minutes - 5 groups ) Maximum 10 nos in a group - 5min performance)		30 MINS	5.30PM - 6.00PM	KMV,MD
4.	VARIETY SHOW (30 minutes - 5 groups ) Maximum 10 nos in a group - 5min performance)		30 MINS	6.00PM - 6.30PM	KR,JVP
5.	MR & MS DEPARTMENT		10MINS	6.30PM - 6.40PM	HOD,SS

STAFF CO-ORDINATOR 1. S. Subash  
2. John No.

STUDENT CO-ORDINATOR 1. S.K. Nandhan  
2. A.T.

*Amithuley*  
HOD ARCH



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**DEPARTMENT OF ARCHITECTURE**

**STUDENTS ACTIVITY EVENTS**

OFFSITE FEATURES							
S. No	Event	DATE	I (Rs. 200)	II (Rs. 150)	III (Rs. 100)	SPECIAL PRIZE (Rs.80)	PRIZE AMOUNT
1	Pen and Ink Rendering	20/02/2017	Balaji R M	Aravind Kumar R	Mugunth A S	-	450
2	Water Colour	20/02/2017	Prasath	Aravind Kumar R	Mugunth A S	-	450
4	Face Painting	21/02/2017	(i) Aarthi Priya A (ii) Mugunth A S	(i) Karthik S (ii) Sithesh R	(i) Prasath A (ii) Renga Bashyam R B	-	450
3	Origami	21/02/2017	Anjay Das. G	Santheya		-	350
6	Writing Architecture	22/02/2017	Aarthi Priya A	Pon Rajalakshmi R	Mughil M B	-	450
5	Talent Show	22/02/2017	Aarthi Priya A	Nivethaa S	Mithi Golchha J	-	450
7	Kavidhai	24/02/2017	Mounisha V S	Sri Karthikaa	1. Dineshwaran S .Kowsalya B		530
8	Photography	24/02/2017	Arun Kumar	Irai Anbu	Mughil M B	-	450
9	Short film	24/02/2017	Irai Anbu Soorya V			-	200
10.	Mimicry	24/02/2017	Shri Hari Ganesh A S			-	200
ONSITE FEATURES							
1.	SINGING	27/02/2017	Deepshika	Sandra	Arun	-	450
2.	Solo Dance	27/02/2017	Krithiga M	Balaji	Mithi Golchha J	-	450
3.	Group Dance	27/02/2017	Gowsalya. V. E Sindhu Bharathi Akshaya.M Thirunila T Balaji.R.M Rs. 100 per head (5x100= 500)	1 Krithiga M 2 SwethaBhargavi M 3 Naga Keerthi Rupa N 4 Kaavya D Rs. 80 per head (4x80= 320)		-	820
4.	Mr and Ms	27/02/2017	AARTHI PRIYA - 250 & BALAJI - 250				500
Certificates printing charge( Rs 20 per head - 20x 50=1000)							1000
Auto charge							200
Total							Rs.7400

FACULTY INCHARGE:

HOD ARCH



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## DEPARTMENT OF ARCHITECTURE

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5.	MR & MS DEPARTMENT		10MINS	6.30PM - 6.40PM	HOD,SS

STAFF CO-ORDINATOR

1. S. Subash  
2. John

STUDENT CO-ORDINATOR

1. S.K. Narasimhan  
2. A.P.T

*Amirthuley*  
HOD ARCH





Thiagarajar college of Engineering, Madurai

*Department of Architecture*

**WE CORDIALLY INVITE YOU FOR THE**

*Student activity club 2016-17*

# **VALEDICTORY FUNCTION**

**PRESIDENTIAL ADDRESS**

**DR. V. ABHAIKUMAR,  
PRINCIPAL, TCE.**

**CHIEF GUEST**

**MR. RENGARAJAN,  
DESIGN PRINCIPAL,  
VARNAM INTERIORS.**

**WELCOME ADDRESS**

**DR. JINU KITCHLEY,  
HOD, ARCH DEPT.**

**ON 19.04.17**

**@ KS AUDITORIUM**

**FROM 04 PM TO 06 PM**

# AGENDA

<b>PRAYER SONG</b>	<b>04:00 - 04:05</b>
<b>WELCOME ADDRESS</b>	<b>04:05 - 04:10</b>
<b>PRESIDENTIAL ADDRESS</b>	<b>04:10 - 04:15</b>
<b>REVISITING MEMORIES - STUDENTS ACTIVITY</b>	<b>04:15 - 04:45</b>
<b>CHIEF GUEST INTRO</b>	<b>04:45 - 04:50</b>
<b>CHIEF GUEST ADDRESS</b>	<b>04:50 - 05:10</b>
<b>PRIZE DISTRIBUTION</b>	<b>05:10 - 05:30</b>
<b>VOTE OF THANKS</b>	<b>05:30 - 05:35</b>





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MADURAI - 625 015

**DEPARTMENT OF ARCHITECTURE**  
**WE CORDIALLY INVITE YOU FOR THE**



**STUDENT ACTIVITY CLUB 2017-18**

**PRESIDENTIAL ADDRESS:**

**Dr.V.AbhaiKumar,**  
**Principal, TCE**

**KEYNOTE SPEECH:**

**Dr. Vasudevan,**  
**Dean , TCE**

**CHIEF GUEST:**

**Mrs. Harsha Vardhini**  
**Principal Architect,**  
**Design Inspirations**

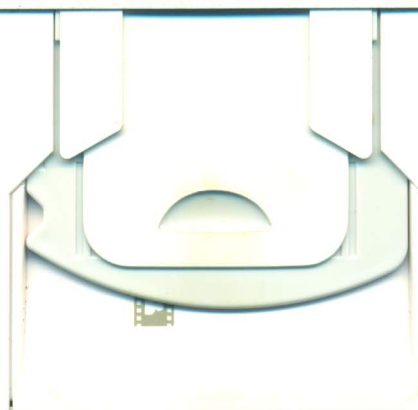
**WELCOME ADDRESS:**

**Dr. Jinu Kitchley Joshua,**  
**HOD, Arch Dept**

**Venue : K5 Auditorium**

**Date: 23.08.2017**

**Time: 3.30 PM**





THIAGARAJAR COLLEGE OF ENGINEERING, MADURAI-15  
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DEPARTMENT OF ARCHITECTURE

To  
The Principal,  
Thiagarajar College of Engineering,  
Madurai

**Sub:** Requisition for permission to conduct Student's association Inauguration function on 23<sup>rd</sup> August, 2017- reg

Sir,

It is proposed to invite Ar. Harsha Vardhini, (Practicing Architect & Classical dancer) as the chief guest for the Student Association Inauguration function on 23<sup>rd</sup> August 2017 to deliver a guest lecture for the B.Arch students.

Permission may please be granted for conducting the Lecture for student's Association Inauguration function and also requested to sanction an amount of Rs.7350 towards the honorarium, TA/DA for the Chief Guest, memento for chief guest and tea / snacks for students and staffs as a cheque in the name of M. Shanmathi from the Department Association Activities fund 2017

Details of Expenditure:			
1.	Memento for Chief guest		Rs. 1000/-
2.	Honararium for Guest Lecture	Rs. 1000 per 2 hours	Rs. 2000/-
3.	DA	Rs.200	Rs. 200/-
4.	TA	Rs.150	Rs. 150
5.	Tea /Snacks	Rs.200 x 20	Rs. 4000/-
		<b>TOTAL</b>	<b>Rs.7350/-</b>

1. *M. Shanmathi*

2. *R. Jayalalaji*

FACULTY IN-CHARGE

*Amir Khatun*  
HOD - ARCH 16/8/17

*[Signature]*  
DEAN

*[Signature]*  
PRINCIPAL

Permitted / Not permitted

## SCHEDULE OF EVENTS AND DETAILS OF EXPENDITURE

S.No	Event	Details of Expenditure	Amount
1.	Best Design of previous Semester – Display and Jury	First and Second prizes for 4 years (Rs. 500/- X 4 First prizes + Rs. 250/- X 4 Second prizes)	Rs. 3000/-
2.	Best Studio Award	First and Second Prize (Rs. 50/- X 40 First prize + Rs. 50/- X 40 Second prize)	Rs. 4000/-
3.	Off stage events		
	Painting competitions, Writing Architecture, Origami	First and Second Prize (Rs. 200/- X 1 X 6 First prize + Rs. 100/- X 1 X 6 Second prize)	Rs. 1800/-
	Talent show	First and Second Prize (Rs. 200/- X 1 X 4 First prize + Rs. 100/- X 1 X 4 Second prize)	Rs. 1200/-
4.	Prizes and Certificates to be given during Valedictory Function	Stationery and paint for posters	Rs. 1000/-
		Certificates for prize winners and event coordinators	Rs. 1000/-

*Anita Duley*



**THIAGARAJAR COLLEGE OF ENGINEERING: MADURAI-15**  
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**DEPARTMENT OF ARCHITECTURE**

To

9<sup>th</sup> April, 2018

The Principal,  
Thiagarajar College of Engineering,  
Madurai.

**Sub:** Requisition for permission to conduct Student's association valedictory function on **12th April, 2018** - reg

Sir,

It is proposed to invite Mr. Periyannan, APDO Periyannan Associates, as the chief guest for the association valedictory function on 12th April, 2018. Permission may please be granted for conducting the association valedictory function and sanction an amount of Rs.20,000/- from the Department Association Activities 2018, in the name of **Mr.Vinothkumar**, towards the Memento for the Chief Guest, Certificates and Prizes for the students.

**Details of expenditure:**

1. Memento for chief guest		= Rs.1500 /-
2. Prizes (Best Designs)	: Rs.750/- X 4	= Rs.3000/-
3. Certificates	: Rs.20/- X 50	= Rs.1000
4. Best Studio Award	: Rs.2000/- X 2	= Rs.4000
5. Off stage Events	:	= Rs.4500
6. Tea & Snacks	: 300 /-x 20	= Rs.6000

**TOTAL**

**= Rs 20,000/-**

**Faculty in charge**

1. J. Chandramathy

2. N. Srinivasan

Permitted / Not Permitted

**PRINCIPAL**

*Amirthalingam*  
**HOD ARCH**

# **Activities of SAE Collegiate Club of Thiagarajar College of Engineering**

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**A Detailed Report**

# For the academic year 2014-15

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## Faculty Advisors

Faculty Advisor: Dr.B.KARTHIKEYAN

Additional Faculty Advisor: Dr. A. Samuel Raja

## List of Student Members

Sl.No	Office Bearers	Honorific	First Name	Last Name	Gender
1	Chairman	Mr.	Adhinathan	Srinivasan	M
2	Vice-Chairman	Mr.	Adharsh	Ranganathan	M
3	Treasurer	Mr.	Vishnu	Ram.T.K	M
4	Program chair	Mr.	Ravi	Prasanth Sivaswamy	M
5	Secretary	Mr.	Arunajadeshwar	Swaminathan	M
6	Reception Chair	Mr.	Dheep Chand	Kishore Kumar	M
7	Publicity Chair	Mr.	Karthik	Selvan.R	M
8	Membership Chair	Mr.	Gowtham	Pandiarajan	M
9	Editorial Chair	Mr.	keshor	Kumar	M
10	Circuit Branch Cco-Ordinator	Mr.	Ashiq	Jawahar Ali	M
11	Event Organiser	Mr.	Arivazhagan	Geetha Balasubramanian	M
12	Member	Mr.	Mohammad Farhaan	Iqbal	M
13	Member	Mr.	Vivek	Raja	M
14	Member	Mr.	Pradeep	Kannan	M
15	Member	Mr.	Santhosh	Murugesan	M
16	Member	Mr.	Shabesh	Kannaa	M
17	Member	Mr.	Vishnu	Muruganantham	M
18	Member	Mr.	Vijay	Ananth	M
19	Member	Mr.	Radha	Krishnan.R	M
20	Member	Mr.	Thiruchitrambalam	Baskkaran	M
21	Member	Mr.	Salamon	Antony Mariaraj	M
22	Member	Mr.	Satheesh	Kumar	M
23	Member	Mr.	Sanjai	Kumar	M
24	Member	Mr.	Rajesh	Rajendran	M
25	Member	Mr.	Ranjith	Kumar.G	M
26	Member	Mr.	Shanmugam	Ramalingam Karthikeyan	M
27	Member	Mr.	Bivin	Savio	M
28	Member	Mr.	Kiran	Bose.R	M
29	Member	Mr.	Dinesh	Ramachandran	M
30	Member	Mr.	Hareesh	Venkadasamy Muralidaran	M
31	Member	Mr.	Manikandan	Kathirvel	M
32	Member	Mr.	Kowshik	Rajendran	M



33	Member	Mr.	T.Dharun	Velmani	M
34	Member	Mr.	Chidambaram	Sathappan	M
35	Member	Mr.	Jishnu	Gopal S	M
36	Member	Mr.	Elaiya	Bharathi E	M
37	Member	Mr.	Dinesh	Kumar G	M
38	Member	Ms.	Kamali	Senthilnathan	F
39	Member	Ms.	Kalpana	Umashankar.V	F
40	Member	Ms.	Anupama	Karuppaian	F
41	Member	Ms.	Gangalakshmi	Saravanan	F
42	Member	Ms.	Suneshwaria	Lakshmi Prakashavel	F
43	Member	Ms.	Suganya	P.Kannan	F
44	Member	Ms.	Shrilaa	Subbiah	F
45	Member	Ms.	Rubini	Ranganathan	F
46	Member	Ms.	UshaDevi	Kanagaraj	F
47	Member	Mr.	Periyasamy	Nachimuthu	M
48	Member	Mr.	Vijay	Meyapan.V	M
49	Member	Mr.	Suriyakumar	Manoharan	M
50	Member	Mr.	Vignesh	Mathavan	M
51	Member	Mr.	Prem	Kumar.R	M
52	Member	Ms.	Carol	Jeneth Nathaniel Raj	F
53	Member	Ms.	Gracy	Selvaraj	F
54	Member	Mr.	Aravind	Suresh	M
55	Member	Mr.	JeyaPrakash	Christopher	M
56	Member	Mr.	Harish	Srinivasan	M
57	Member	Ms.	Mahara Jothi	Ganesh Babu	F
58	Member	Ms.	Aysha Farhana	Mohammed Hussain	F
59	Member	Ms.	Prabha	Chandra Bose	F
60	Member	Ms.	Saravana	Priya Tamilselvan	F
61	Member	Ms.	Sri Vidya lakshmi	Sankaran	F
62	Member	Ms.	Subriya	Thanapal	F
63	Member	Ms.	Uma	Maheshwari Srinivasan	F
64	Member	Ms.	Vinodhini	Ganesan	F
65	Member	Ms.	Sanjula	Karikalan	F
66	Member	Ms.	Vimala	Rani	F
67	Member	Ms.	Vinothini	Selvaraj	F
68	Member	Mr.	Prasanna	Venkatesan.S	M
69	Member	Ms.	Kalaivani	Thangam	F
70	Member	Ms.	Archana	Rajamanickam	F
71	Member	Ms.	Karthika	Thinakaran	F
72	Member	Ms.	Elakya	Elaventhana	F
73	Member	Ms.	Madhumitha	Kumaresan	F
74	Member	Ms.	Bhuvaneshwari	Pandi	F
75	Member	Ms.	Aiswarya	Sivakumar	F
76	Member	Ms.	Dhanalakshmi	Thiruppathisami	F
77	Member	Ms.	Mahilifna	Claimans	F
78	Member	Ms.	Gomathi	Nayagi Subramanian	F
79	Member	Ms.	Bhuvaneshwari	Ramasubramanian	F
80	Member	Ms.	Arivuselvi	Srinivasan	F
81	Member	Ms.	Bhuvaneshwari	Mani	F
82	Member	Ms.	Aishwarya	Arumuga Nainar	F

83	Member	Mr.	Mahesh	Muthukrishnan	M
84	Member	Mr.	Ganapathy	Subramanian	M
85	Member	Mr.	Vignesh	Venkataraman	M
86	Member	Mr.	Vijayapratap	Natarajan	M
87	Member	Mr.	Ram	Mahesh.S	M
88	Member	Mr.	Udaya	Bhaskar	M
89	Member	Mr.	Prasanna	Venkatesh	M
90	Member	Mr.	Sriramkumar	Thirumoothy	M
91	Member	Mr.	SelvamuthuThirukuma ran	Manivannan	M
92	Member	Mr.	SathoshBalaji	Saravanan	M
93	Member	Mr.	Selva	Chander	M
94	Member	Mr.	Animesh	Pandey	M
95	Member	Mr.	Titus	Sundarraaj	M
96	Member	Mr.	Narayanan	Palaniyappan	M
97	Member	Mr.	Srinivas Arunachalam	Lakshmanan	M

**ICICI Bank** DEPOSIT SLIP / जमा पर्ची

Date / दिनांक : 01/08/2014 Deposited in Branch / जमा कर्ता शाखा का नाम : ICE

Saving/Current Account No. / [बचत / चालू] खाता संख्या  
000101202092

CREDIT CARD NO. / क्रेडिट कार्ड संख्या

Name of Account Holder / खातदार का नाम  
Srinivas Arunachalam

PARTICULARS / विवरण	₹/रु.	Ps./पै.
500 X 15 2014	15000	-
500 X 15	2000	-
100 X 21	2100	-
50 X 1	50	-
<b>TOTAL / कुल</b>	<b>43650</b>	<b>-</b>

Rs. in words / कुल रकम (शब्दों में) Forty three thousand Six hundred and fifty only

OFFICER'S SIGN./ अधिकारी के हस्ताक्षर

CHEQUE(S) SUBJECT TO REALISATION / चेक (चेकों) की जमा भुगतान प्राप्ति के अधीन है।  
Please mention your Account No. & Name behind the cheque.  
कृपया अपना खाता संख्या और नाम चेक के पिछे लिखें।  
Customers should pay/deposit cash at the designated counters only  
जमा स्वीद के द्वारा भुगतान केवल नगद काउंटर पर मान्य होगा।

1000163523

## **Internal Team selection process & Activities conducted like lectures / workshop etc.**

### **TIER I EVENTS:**

The selection round for TIER II events, were held in our college to select the best students to represent our college in the regional finals. The events took place in our college premises during 26-07-2014 to 29-07-2014.

- **AUTO QUIZ**
- **MODELING AND ANIMATION**
- **ANALYSIS**
- **AERO MODELING**

### **AUTO QUIZ:**

The event took place at M-5 halls on 26<sup>th</sup> July. The event had students participation with a count in total of 60. Students were tested in various fields of automotive technology.

It consisted of a set of 30 questions spanning over history, personalities, location and emerging technologies. Out of the students participated, one team comprising three members were selected for regional finals. The finalists were **R.Dinesh** (III Mech), **R.Karthick Selvan** (III Mech) and **S.Aravind** (III EEE).

### **MODELING AND ANIMATION:**

The event was conducted at Production System support lab on 27<sup>th</sup> July with 35 students participating in total. The students were asked to model and animate seating and door arrangements of various automobiles using modeling software PRO E. The students were extremely good and all had their own uniqueness and creativity in their models. Team from III<sup>rd</sup> year mechanical, **M. Mahesh** and **P.Gowtham** were selected to take part in the regional finals.

### **ANALYSIS:**

Analysis event took place at Production System support lab on 28<sup>th</sup> July with 15 students participating in total. The students were asked to perform analysis on a designed component to find its behaviour under various loading conditions. It tested the student's basic knowledge on design aspects and failure theory. The finalist to represent our college at the regional finals was a team from III<sup>rd</sup> year mechanical. The team comprised **S.Bivin Savio** and **R.Keshor Kumar**.

### **AERO MODELING:**

Aero modeling event was conducted at the parking area on 29<sup>th</sup> July. Students were given pre-designed kits of cardboard from which they had to make a glider. Everyone showed a great deal of interest to make their glider in the best way possible. Aerodynamics and design skills of the students were put to test. The gliders were judged based on their appearance, distance travelled and student's knowledge on basic principles of aerodynamics. **G.B.Arivazhagan**, **K.Manikandan** and **M.Salamon Antony** were the team to be selected for the regional finals.

### **External contest participation - team list / venue / title of the contest/Position won / Issues or Challenges faced/task completed**

### **TIER II EVENTS:**

The TIER II events for this year were organized by **SSM Institute of Technology, Dindigul**. All the teams selected from each of the events made their appearance in the TIER II events to represent our college. Students prepared themselves to perform their best to bag laurels. The effort taken by them requires a special appreciation. Of all the finalists from our college, the **aero modeling** team emerged as the **winners** of TIER II aero modeling. This was a moment of pride for our club as it was a comeback from our college after 3 years to represent our college in the **SOUTHERN SECTION STUDENTS CONVENTION**.

### **TIER III EVENTS:**

The Southern Section Students Convention for this year took place at **Kalasalingam University, Srivilliputhur** on 30-01-2015. The finalists for aero modeling event from our college received a kit to make their own RC glider from **SAEISS**. The students worked tirelessly and put all their efforts to win the event. They equipped themselves with all the concepts of aerodynamics.

The gliders were judged based on their taking and landing, time of flight, appearance and aerodynamic design. They were also asked to explain the construction and design of their gliders.

**G.B.Arivazhagan, K.Manikandan** and **M.Salamon Antony** representing our college secured the **second** position in Aero Modeling.

Looking ahead to next year, we are confident that the our Collegiate Club will continue to thrive.

### **STUDENT ACTIVITIES:**

Apart from tier events conducted by SAE, students took a leap ahead to take part in national level **Hybrid Go-Kart Design**, organized by the **Imperial Society of Innovative Engineers**.

There were two teams representing our college namely, **ARDIMOXZ** and **IBRIDO**. Each team consisted of 25 members from both Electrical and Mechanical Engineering.

Students had to design and validate their kart with their models and calculations in the virtual round conducted at **CVSR College of Engineering,Hyderabad**.

There was a total of 95 colleges across the nation, participating in the event. The teams from our college, **Ardimoxz** and **Ibrido** secured the **11<sup>th</sup>** and **37<sup>th</sup>** position respectively. Taking part in such an event will really help the students to have a strong foundation and exposure to face higher levels of events like **BAJA** in the coming years.

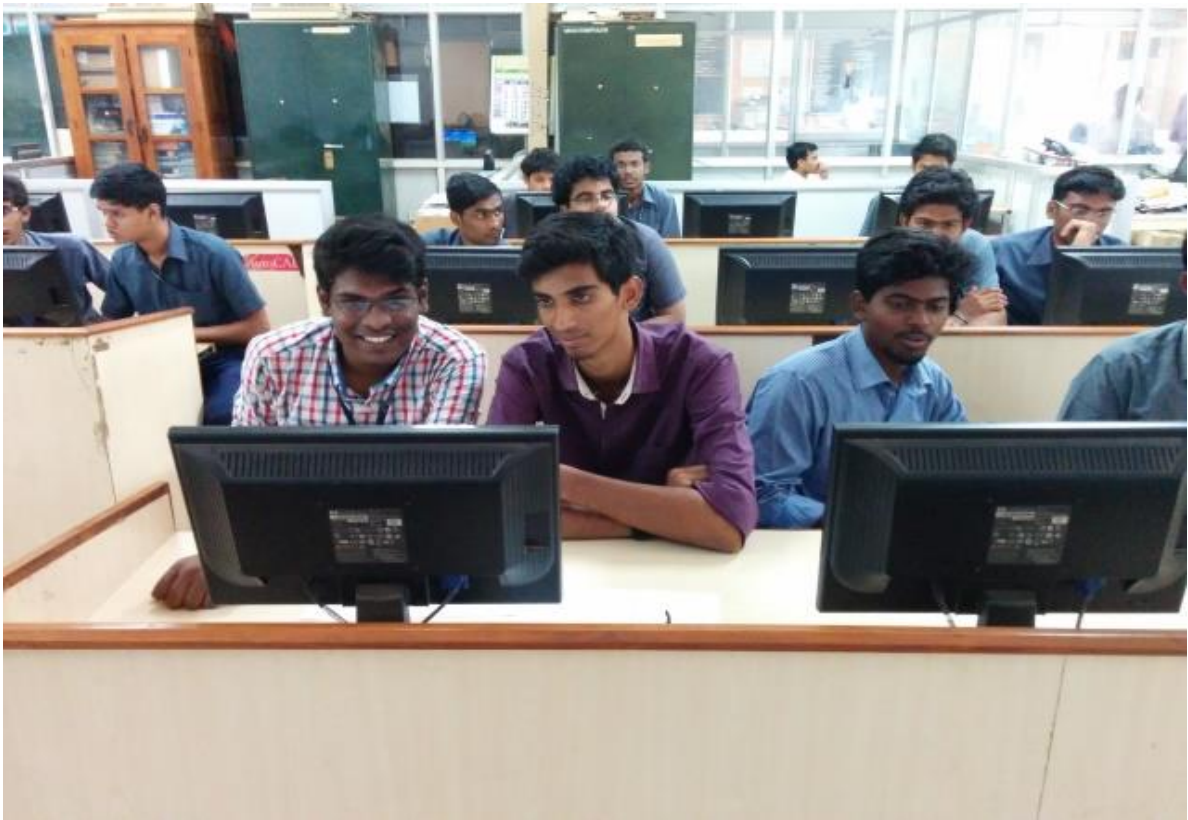
### **Future plan and follow up action**

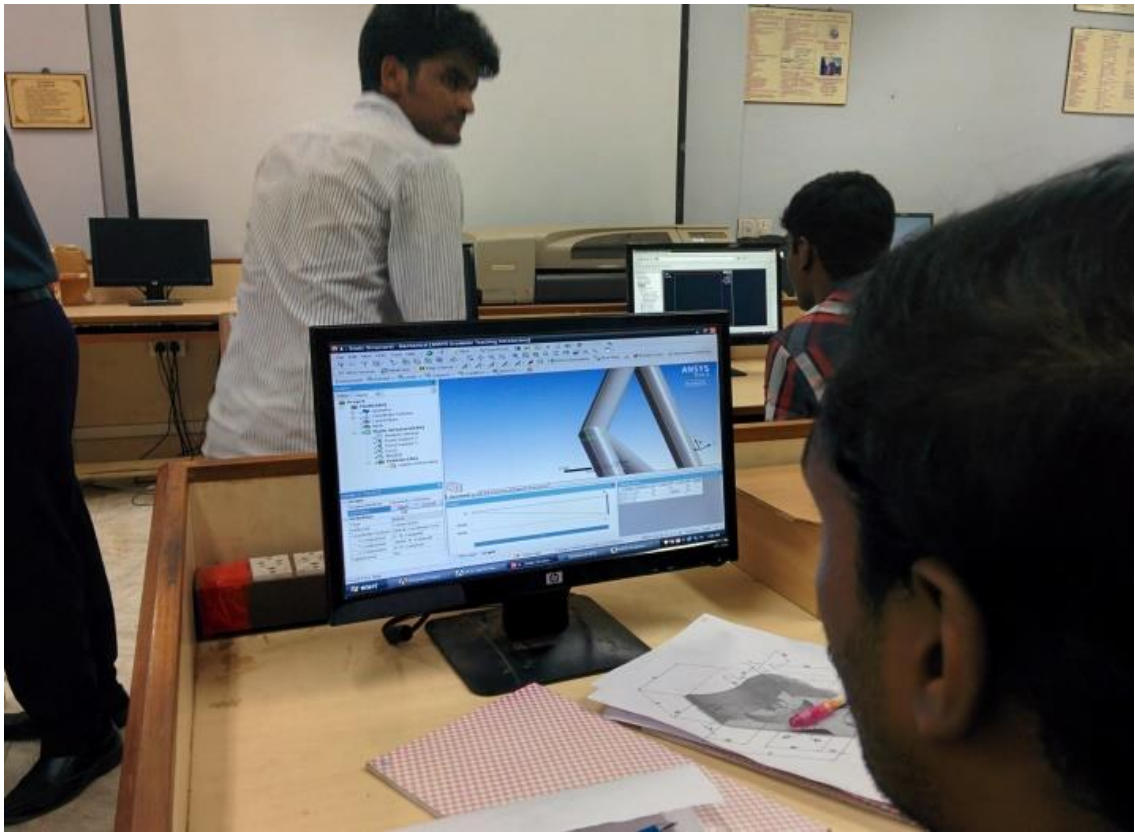
The need of the hour for our club is to form a team for the SAE organized **ATV** (All-Terrain Vehicle) fabrication contest **BAJA**. Necessary actions to pave way for the formation of a solid team is being taken care of. We are sure that there will be a team representing our college in **BAJA** in the coming years.

Though the teams fared well in the hybrid go-kart contest, they were not able to make it for the dynamic round of the event. Steps to overcome this in the near future have been taken.

**Sample photos (taken in the contests etc.)**













# For the academic year 2015-16

## Faculty Advisors

Faculty Advisor: Dr.B.KARTHIKEYAN

Additional Faculty Advisor: Dr. A. Samuel Raja

**THIAGARAJAR COLLEGE OF ENGINEERING, MADURAI-15.**  
(A Government Aided ISO 9001: 2008 Certified Autonomous Institution Affiliated to Anna University)

Department of Mechanical Engineering

Ref: MED/SAEClub/Faculty reg fee/01

11.06.15

To

The Principal  
Thiagarajar College of Engineering  
Madurai-15

Dear Sir,

Sub: Requisition to sponsor the membership fee for SAE Collegiate club  
faculty advisors -reg.

SAE Collegiate Club of TCE is actively conducting and participating in various events. We have to renew our club for the academic year 2015-16 in SAE Southern Section by paying the registration fee for the faculty advisors and student members. So far, 52 student members have paid the registration fee. **Mr.B.Karthikeyan** and **Mr.A.Samuel Raja** are the Faculty advisor and Additional Faculty Advisor respectively, of the Club for the current academic year.

Annual membership fee for faculty advisor and additional faculty advisor is Rs 1,236/- (Rs1,100 + 136 service tax) each. Hence, it is requested to sponsor the membership fee for the (above said) two faculty members. An advance amount of Rs 2,472 (Rupees Two thousand four hundred and seventy two only) may please be sanctioned in order to pay the membership fee for the academic year 2015-16.

Head of Account:

yes  
VSR

Faculty Dev Mech

C. Mungaihas  
H.D.M.E

11/6/15

## List of Student Members

Sl.No	First Name	Last Name	Gender
1.	Karthick Selvan	Ramasamy	M
2.	Dinesh	Ramachandran	M
3.	Gowtham	Pandiarajan	M
4.	Selvamuthu Thirukumar	Manivannan	M
5.	Aravind	S	M
6.	Prithvi Raj	M	M
7.	Udhayabhaskar	Singathurai	M
8.	Vijayapratap	Natarajan	M
9.	Titus	S	M
10.	Karthik	R	M
11.	Animesh	Pandey	M
12.	Dharun Velmani	T	M
13.	Senthil Kumar	Kannan	M
14.	Arasu Muthukumar	R	M
15.	Patrick Winston	A	M
16.	Deenathayalan	C	M
17.	Lakshmanan	Subramanian	M
18.	Praveen Kumar	Meganathan	M
19.	Hariharan	V	M
20.	Surendar	S.A	M
21.	Rajaram	S	M
22.	Arun Kumar		M
23.	Vinoth Kumar	M	M
24.	Satheeshwanan	R	M
25.	Hari Sankar	N.S	M
26.	Santhoshbalaji	S	M
27.	Ram Mahesh	Shanmugasundaram	M
28.	Prasanna Venkatesh	Kannan	M
29.	Subash Shankar	Muthuramalingam	M
30.	Abinesh	Jayasankar	M
31.	Aswin	Balasubramanian	M
32.	Gokulnath	Veeramani	M
33.	Vignesh	Venkataraman	M
34.	Vengatesh	Lakshmanan	M
35.	Shunmuga Ganesh	Mariappan	M
36.	Vignesh	Nagarajan	M
37.	Manikandan	Kathirvel	M
38.	Arivazhagan Geetha	Balasubramanian	M
39.	Jishnu Gopal	S	M
40.	Shabesh Kanna	Shanmugam	M
41.	Keshor	Kumar	M
42.	Kiran Bose	Ravichandran	M
43.	Dinesh Kumar	Govindaraj	M
44.	Harish Srinivas	R	M
45.	Narayanan	P.L	M
46.	Srinivas Arunachalam	Lakshmanan	M
47.	Ravi Prasanth	Sivaswamy	M
48.	Hareesh	Venkadasamy Muralidaran	M
49.	Vishnu	Muruganantham	M
50.	Amala Valan	J	M
51.	Vijay Ananth		M

52	Ganapathy Subramanian	Siva	M
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## **SAE COLLEGIATE CLUB**

*The Office Bearers for the academic year 2015-2016 are as follows:*

*Chairperson:* **Karthick Selvan R**

*Vice-Chairperson:* **Dinesh R**

*Secretary:* **Aravind S**

*Treasurer:* **Gowtham P**

*Reception Chair:* **Prithvi Raj**

*Program Chair:* **Selvamuthu Thirukumaran M**

*Publicity Chair:* **Udhayabhaskar S**

*Membership Chair:* **Vijayapratap N**

*Editorial chair:* **Titus**

*Event Organiser:* **Karthick.R**

## Internal Team selection process & Activities conducted like lectures / workshop etc.



College name: Thiagarajar College of Engineering, Madurai

Division: South , Madurai

Faculty Name/Phone: B. Karthikeyan / 9443421659



Competition	<b>1. Aero modeling</b>	Date:21/7/2015			
Judges	1.G.Dinesh Kumar	2.K.Manikandan			
Winner	1.V.Vignesh	2.S.Udhayabhaskar	3.S.Titus	4.K.Prasanna Venkatesh	5.
First runner	1.R.Karthik	2.S.Ram Mahesh	3.Senthil Kumar	4.	5.
Second runner	1.P.Arun Kumar	2.V.Hari Haran	3.	4.	5.
No of teams: 5	<input type="checkbox"/> Picture*	<input type="checkbox"/> Score sheet*			
Competition	<b>2. Modeling , animation</b>	Date:20/7/2015			
Judges	1.R.Dinesh	2.R.Karthick Selvan			
Winner	1. J.Abinesh	2. SP.Lakshmanan			
First runner	1. A.Patrick Winston	2. R.Arasu Muthukumar			
Second runner	1. S.Titus	2. S.A.Surender			
No of teams: 8	<input type="checkbox"/> Picture*	<input type="checkbox"/> Score sheet*			
Competition	<b>3. Analysis</b>	Date:20/7/2015			
Judges	1.R.Keshor Kumar	2.S.Ravi Prasanth			
Winner	1.P.Gowtham	2.Dharun Velmani			
First runner	1.B.Ashwin	2.C.Dheenathayalan			
Second runner	1.N.Vignesh	2.K.Prasanna Venkatesh			
No of teams: 4	<input type="checkbox"/> Picture*	<input type="checkbox"/> Score sheet*			
Competition	<b>4. CAM (NOT CONDUCTED)</b>	Date:			
Judges	1.	2.			
Winner	1.	2.			
First runner	1.	2.			
Second runner	1.	2.			
No of teams:	<input type="checkbox"/> Picture*	<input type="checkbox"/> Score sheet*			

Competition	<b>5. Business plan (NOT CONDUCTED)</b>	Date:	
Judges	1.	2.	
Winner	1	2	3
First runner	1	2	3
Second runner	1	2	3
No of teams:	<input type="checkbox"/> Picture*	<input type="checkbox"/> Score sheet*	

Competition	<b>6. Technical Paper</b>	Date:19/7/2015	
Judges	1. Ravi Prasanth.S	2. Vijay Ananth	
Winner	1. Keshor Kumar. R	2. Dharun Velmani .T	
First runner	1. G.B. Arivazhagan	2. Gowtham .P	
Second runner	1.	2.	
No of teams: 2	<input type="checkbox"/> Picture*	<input type="checkbox"/> Score sheet*	

Competition	<b>7. Quiz</b>	Date:21/7/2015	
Quiz masters	1.R.Dinesh	2.S.Ravi Prasanth	
Winner	1.S.Udhayabhaskar	2.V.Vignesh	3.R.Karthik
First runner	1.C.Dheenathayalan	2.B.Ashwin	3.E.K.Venkata Krishnan
Second runner	1.SP.Lakshmanan	2.J.Abinesh	3.V.Santhosh Kumar
No of teams: 12	<input type="checkbox"/> Picture*	<input type="checkbox"/> Score sheet*	

Competition	<b>8. CAE</b>	Date:20/7/2015	
Quiz masters	1.P.Gowtham	2.R.Dinesh	
Winner	1.R.Keshor Kumar	2.J.Amala Valan	3. R. Sreenivasan
First runner	1. S.Jishnu Monian	2.R.Karthik Selvan	3. S. Titus
Second runner	1.S.Ravi Prasanth	2.R.Kiran Bose	3.G. Dinesh Kumar
No of teams: 3	<input type="checkbox"/> Picture*	<input type="checkbox"/> Score sheet*	

Competition	<b>9. CNC Turning ( NOT CONDUCTED)</b>	Date:		
Quiz masters	1.	2.		
Winner	1.	2.	3.	4.
First runner	1.	2.	3.	4.
Second runner	1.	2.	3.	4.
No of teams:	<input type="checkbox"/> Picture*	<input type="checkbox"/> Score sheet*		

Competition	<b>10. CNC Milling ( NOT CONDUCTED)</b>	Date:		
Quiz masters	1.	2.		
Winner	1.	2.	3.	4.
First runner	1.	2.	3.	4.
Second runner	1.	2.	3.	4.
No of teams:	<input type="checkbox"/> Picture*	<input type="checkbox"/> Score sheet*		

Competition	<b>11. Electronics</b>	Date:18/7/2015		
Quiz masters	1.S. Aravindh	2. S. Hareesh		
Winner	1. V. Venkatesh	2.E.K. Venkata krishnan	3. V. Santhosh Kumar	4.
First runner	1.	2.	3.	4.
Second runner	1.	2.	3.	4.
No of teams: 1	<input type="checkbox"/> Picture*	<input type="checkbox"/> Score sheet*		

Competition	<b>12. Mobile Robotics ( NOT CONDUCTED)</b>	Date:		
Quiz masters	1.	2.		
Winner	1.	2.	3.	4.
First runner	1.	2.	3.	4.
Second runner	1.	2.	3.	4.



No of teams:	<input type="checkbox"/> Picture*	<input type="checkbox"/> Score sheet*		
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Competition	<b>13. Mechatronics ( NOT CONDUCTED)</b>	Date:		
Quiz masters	1.	2.		
Winner	1.	2.	3.	4.
First runner	1.	2.	3.	4.
Second runner	1.	2.	3.	4.
No of teams:	<input type="checkbox"/> Picture*	<input type="checkbox"/> Score sheet*		

Competition	<b>14. Manufacturing Tech Challenge ( NOT CONDUCTED)</b>	Date:		
Quiz masters	1.	2.		
Winner	1.	2.	3.	4.
First runner	1.	2.	3.	4.
Second runner	1.	2.	3.	4.
No of teams:	<input type="checkbox"/> Picture*	<input type="checkbox"/> Score sheet*		

Competition	<b>15. Mechanical Engg Design CAD ( NOT CONDUCTED)</b>	Date:		
Quiz masters	1.	2.		
Winner	1.	2.	3.	4.
First runner	1.	2.	3.	4.
Second runner	1.	2.	3.	4.
No of teams:	<input type="checkbox"/> Picture*	<input type="checkbox"/> Score sheet*		

Competition	<b>16. Prototype Modelling ( NOT CONDUCTED)</b>	Date:		
Quiz masters	1.	2.		
Winner	1.	2.	3.	4.

First runner	1.	2.	3.	4.
Second runner	1.	2.	3.	4.
No of teams:	<input type="checkbox"/> Picture*	<input type="checkbox"/> Score sheet*		

Competition	<b>17. Plastic Die Engg ( NOT CONDUCTED)</b>	Date:		
Quiz masters	1.	2.		
Winner	1.	2.	3.	4.
First runner	1.	2.	3.	4.
Second runner	1.	2.	3.	4.
No of teams:	<input type="checkbox"/> Picture*	<input type="checkbox"/> Score sheet*		

Competition	<b>18. Polymechanic &amp; Automation ( NOT CONDUCTED)</b>	Date:		
Quiz masters	1.	2.		
Winner	1.	2.	3.	4.
First runner	1.	2.	3.	4.
Second runner	1.	2.	3.	4.
No of teams:	<input type="checkbox"/> Picture*	<input type="checkbox"/> Score sheet*		

Competition	<b>19. Sheet Metal ( NOT CONDUCTED)</b>	Date:	
Quiz masters	1.	2.	
Winner	1.	2.	3.
First runner	1.	2.	3.
Second runner	1.	2.	3.
No of teams:	<input type="checkbox"/> Picture*	<input type="checkbox"/> Score sheet*	

Competition	<b>20. Welding</b>	Date: 22/7/2015	
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Quiz masters	1.R.Kiran Bose	2.R.Karthick Selvan	
Winner	1.V.Hari Haran	2.SP.Lakshmanan	
First runner	1.R.Karthik	2.M.Praveen Kumar	
No of teams: 10	<input type="checkbox"/> Picture*	<input type="checkbox"/> Score sheet*	

Foot note: \*Enclose score sheets and pictures taken for each competition\*  
Please send the score sheet to [studentactivities@saeiss.org](mailto:studentactivities@saeiss.org) on or before 15<sup>th</sup> – July 2015.

**Pictures and marksheets:1. AERO MODELLING:**



		Distance			Time	
		I	II	III	T	II
1.	Sandy (20)	14	13.5	28	0.8	0.8
2.	Selva (20)	12	12	<del>12</del> 28	0.8	1.5
3.	Arun (20) (20)	12	13.5	<del>28</del> 28	0.1	2
4.	Karthick (20)	15	12.5	<del>28</del> 28	1.3	1.2
5.	Vignesh V. (20)	26	40	30	1.4	1.6

## 2. MODELLING AND ANIMATION:



TEST - I  
MODELLING & SIMULATION (CAD)

TEAM	MEMBERS (NAME & REG NO)	YEAR & SECTION	SCORE
1.	B. RAJAN [13017]	III 'D' Mech	10
	C. DEENATHAYALAN [13032]	III 'A' Mech	
✓	J. ABINASH [13009]	III 'A' Mech	3.5
	S.P. LALAKRISHNAN [13039]	III 'A' Mech	
3.	V. VIGNESH [13010]	III 'B' Mech	2.5
	S. VEDYASHEKHAR [13010]	III 'A' Mech	
→	V. ANAND H. [13009]	III 'B' Mech	10
	PHANISH K. [13059]	III 'B' Mech	
✓	TITUS J [13099]	III 'B' Mech	3.5
	QUEENAR SA [13099]	III 'B' Mech	
6)	M. PRAVEEN KUMAR [13043]	III 'B' Mech	1.5
	S. GANAPATHY SUBRAMANIAN [13075]	III 'A' Mech	
✓	A. PATEJIC WINSTON [13954]	III 'A' Mech	3
	R. ARABUTHURKUMAR [13912]	III 'A' Mech	

3. Analysis :



#### 4.Auto Quiz:



	A	B	C	D	E	F
1	NAME				MARKS out of 110	
2						
3	S.Udhayabhaskar				50	
4	V.Vignesh					
5	R.Karthick				10	
6	V.N.vijaya pratap					
7	Titus.S				10	
8	S.A.Surender					
9	N.Vignesh				5	
10	prasanna venkatesh					
11	s.p.lakshmanan				25	
12	j.abinesh					
13	c.deena thayalan				30	
14	b.ashwin					
15	s.ram mahesh					
16	k.senthil kumar					
17	a.patrick winston					
18	r.arasu muthu kumar					
19	s. ganapathy subramaniyam				20	
20	m.praveen kumar					
21						

## 5. Welding:



1. Hari	5+2	1 Hari
2. Sathish b.	5+2	2 Lak
3. v. Pratik	3+2	3 P-k
4. Karthick	4+2	4 Karthi
5. Gokul noj	2+2	
6. Lakshmanan.	5+2	
7. Abinash	4+2	
8. Senthilkumar	3+2	
9. Aswin	3+2	
10. Praveen Kumar	5+2	

## External contest participation - team list / venue / title of the contest/Position won / Issues or Challenges faced/task completed

Tier-2 Winners Madurai Division										
S.no	Event name	Teams	College Name	Faculty Name	Mail id	Contact no	Students Name			
1	Aero Modeling Competition	Team 1	National Engineering College, Kovilpatti	P.Samuel Ponraj	samuel.nellai@gmail.com	9976921263	J.Jebasteen Prateep	P.Suyambu Lingam	S.Cyrsu Devadoss	P.Muruganandham
		Team 2	PSNA College of Engineering and Technology, Dindigul	Dr. Kannan Rajendran	kannanjothy@gmail.com	9344424404	T.M.S.Raja	P.Prem	N.Palpandi	
		Team 3	MEPCO Schlenk Engineering College, Sivakasi	Dr.N.Bose	nbose@mepcoeng.ac.in	9443543469	K.Nishanth	V.Premkumar	S.Gautham	B.Praveen Balaji
		Team 4	Thiagarajar college of engineering	Mr. B. Karthikeyan	bkmech@tce.edu, kartha144@yahoo.com	9443421659	V.Vignesh	S.Udayabhaskar	S.Titus	K.Prasanna Venkatesh
2	Modeling and Animation	Team 1	MEPCO Schlenk Engineering College, Sivakasi	Dr.N.Bose	nbose@mepcoeng.ac.in	9443543469	C.A.Vigneshwar	S.Deepak Raj		
		Team 2	Thiagarajar college of engineering	Mr. B. Karthikeyan	bkmech@tce.edu, kartha144@yahoo.com	9443421659	J.Abinesh	S.P.Lakshmanan		
3	Analysis Competition	Team 1	SSM Institute of Engineering and Technology, Dindigul	Mr.M.Hari Prasath	hari.dgl@gmail.com	9677615385	S.Ravishankar	V.Surya Prakash		
		Team 2	MEPCO Schlenk Engineering College, Sivakasi	Dr.N.Bose	nbose@mepcoeng.ac.in	9443543469	M.Manian	S.Deepak Raj		
4	Computer Aided Manufacturing (CAM)	Team 1	RVS College of Engineering, Dindigul	Arun Kumar L	larunkumar1986@gmail.com;	9944699025	V.Praveen			
		Team 2	PSNA College of Engineering and Technology, Dindigul	Dr. Kannan Rajendran	kannanjothy@gmail.com	9344424404	Karthick Raja	N.M.Karthik		
5	Business Plan	Team 1	MEPCO Schlenk Engineering College, Sivakasi	Dr.N.Bose	nbose@mepcoeng.ac.in	9443543469	K.Sujith Kanna	R.Rakesh	J.Charles Antony	
		Team 2	MEPCO Schlenk Engineering College, Sivakasi	Dr.N.Bose	nbose@mepcoeng.ac.in	9443543469	J.Jones Raja	K.Keerthivasan	S.Naveen Kumar	
6	Technical Papers	Team 1	SSM Institute of Engineering and Technology, Dindigul	Mr.M.Hari Prasath	hari.dgl@gmail.com	9677615385	S.Vimalan	T.Sivanand		
		Team 2	Thiagarajar college of engineering	Mr. B. Karthikeyan	bkmech@tce.edu, kartha144@yahoo.com	9443421659	R.Keshor Kumar	T.Dharun Velmani		
7	Auto Quiz	Team 1	SSM Institute of Engineering and Technology, Dindigul	Mr.M.Hari Prasath	hari.dgl@gmail.com	9677615385	R.Sivaprakash	G.Selva	J.Jeevapandian	
		Team 2	PSNA College of Engineering and Technology, Dindigul	Dr. Kannan Rajendran	kannanjothy@gmail.com	9344424404	N.Arunraj	R.Aranvind	M.R.Ram Surath Kumar	
8	CAE Contest	Team 1	MEPCO Schlenk Engineering College, Sivakasi	Dr.N.Bose	nbose@mepcoeng.ac.in	9443543469	S.Deepak Raj	M.Manian	C.Kalidass	
9	Mobile Robotics	Team 1	MEPCO Schlenk Engineering College, Sivakasi	Dr.N.Bose	nbose@mepcoeng.ac.in	9443543469	L.S.Shivaram	K.S.K.Siva Prasath	S.Abdul Jabbar	S.Narayanan
		Team 2	SSM Institute of Engineering and Technology, Dindigul	Mr.M.Hari Prasath	hari.dgl@gmail.com	9677615385	S.Jerry Antony	J.Mervin	S.Sridharan	X.Dominic Savari Raj
10	Mechatronics	Team 1	MEPCO Schlenk Engineering College, Sivakasi	Dr.N.Bose	nbose@mepcoeng.ac.in	9443543469	T.Pravin Kumar	K.Srinivasan	C.Kalidass	R.Valanaravind
		Team 2	National Engineering College, Kovilpatti	P.Samuel Ponraj	samuel.nellai@gmail.com	9976921263	S.Pravin	C.Muthu Kumar	A.Mohamed Shameen	P.Sibiharan
11	CNC Turning	Team 1	MEPCO Schlenk Engineering College, Sivakasi	Dr.N.Bose	nbose@mepcoeng.ac.in	9443543469	K.R.Venkatesan	P.Muhilan		



21.03.2016

List of students who were involved in Design and Fabrication of All Terrain Vehicle (ATV) for participation in "Mega ATV Championship" held at Bhubaneswar, Odisha during 4<sup>th</sup> March to 8<sup>th</sup> March, 2016, conducted by "Autosports India".

Sl.No	Name of the student	Year	DEPT
1	RAVI PRASANTH. S	IV	Mechanical
2	KARTHICK SELVAN. R	IV	Mechanical
3	KESHOR KUMAR. R	IV	Mechanical
4	KIRAN BOSE. R	IV	Mechanical
5	GOWTHAM. P	IV	Mechanical
6	ARAVIND. S	IV	EEE
7	SHABESH KANNA. T	IV	Mechanical
8	SRINIVAS ARUNACHALAM. L	IV	Mechanical
9	VIJAY ANANTH	IV	Mechanical
10	SELVAMUTHU THIRUKUMARAN. M	III	Mechanical
11	SANTHOSH BALAJI. S	III	Mechanical
12	VIGNESH. V	III	Mechanical
13	PRASANNA VENKATESH. K	III	Mechanical
14	BALAJI. M	III	Mechanical
15	TITUS. S	III	Mechanical
16	VIGNESH. N	III	Mechanical
17	KANNAN. B	III	Mechanical
18	VIJAYA PRATAP. V. N	III	Mechanical
19	ANIMESH PANDEY	III	Mechanical
20	LAKSHMANAN. S. P	III	Mechanical
21	UDAYABHASKAR. S	III	Mechanical
22	SENTHILKUMAR. K	III	Mechanical
23	GOKUL SRINIVASAN. S	III	Mechanical
24	ABINESH. J	III	Mechanical
25	SHYAM SUNDAR. S	III	Mechanical
26	MANIVASAGAM. R	II	Mechanical
27	SWATHIK PRASANNA. T	II	Mechanical
28	SILAMBARASAN. R	II	Mechatronics
29	GANESH KUMAR. D	II	Mechatronics
30	JAYASOORIYA. P	II	Mechatronics

  
Faculty Advisor

(A. Samuel Raja)  
APME, TCE, ndu-15.

  
H.D.M.E

**Thiagarajar College of Engineering, Madurai – 625 015.**  
**Department of Mechanical Engineering**

26.11.2015/2252

**Submitted to the Chairman and Correspondent**

Respected Sir,

**Sub:** Requisition for financial support towards fabrication of All Terrain Vehicle (ATV) -Reg.

A team of thirty (30) B.E-Mechanical Engineering students has been actively working on design and fabrication of an "All Terrain Vehicle" for participating in a national competition named "MEGA ATV CHAMPIONSHIP" conducted by AUTOSPORTS, India. They have already been funded Rs.34, 200/- by the college towards registration fee. Working place for fabrication of this vehicle has also been allocated.

A tentative assessment for the total expense for the fabrication is given below for your kind perusal.

Sl. No	Activity	Duration (Weeks)	Estimated Cost(Rs.)
1	Hands-on Training on "Suspension, brake, steering and Transmission" systems for ATV by an expert.	4 days	96,000
2	Procurement of Engine and other sub system components	3	4,50,000
3	Fabrication and assembly	8	29,000
4	Testing and finishing	3	20,000
5	Shipping ATV to Bhubaneshwar (Odisha)	2	25,000
<b>Approx. Total ( Maximum)</b>			<b>6,20,000</b>

Estimation for the some items has already been obtained and the details are given below. The supporting documents for the estimation are attached herewith for your ready reference.

Sl.No	Item	Estimation(Rs.)
1	Hands-on training at TCE	96,000
2	Steel tubes	30,200
3	Fox Float air suspension	1, 20,000
4	Engine and spares	66,000
5	Disc assembly	10,000
6	Master cylinder assembly	6,000
7	Wheel Hubs	6,500
8	Rack and Pinion	7,000
9	Cordless Grinder	9,000
<b>Total</b>		<b>3,50,200</b>

Collecting quote/estimation for some more items is under process. The fabrication is planned to be as economical as possible and is expected to be completed at the end of February 2016. Attempts to get sponsorship from various sources are also being tried.

I request you to grant permission to take-up this fabrication work and sanction the financial requirements for the same under TEQIP head of account.

Thanking You,

Encl : Estimation

*V. Subramanian*  
Principal

# MEGA ATV CHAMPIONSHIP

Name of the Team: PROMETHEANS

## Expense details (Tentative)

S.NO	PARTICULAR	SUBSYSTEM	QUANTITY	COST
1	TRAINING	TRAINING	-	80,000
2	ROLLCAGE	STEEL TUBES	30 METRES	30,000
		WELDING AND FITTING	-	15,000
		FIXTURE	-	7,000
3	SUSPENSION	FOX FLOAT AIR SUSPENSION	4	120,000
		KNUCKLE	4	12,000
		CONTROL ARMS	4	10,000
		FIXTURE	-	5,000
4	TRANSMISSION	ENGINE AND SPARES	-	66,000
		MANUAL TRANSMISSION GEARBOX	1	12,000
		POWER LINES	-	5,000
		MISCELLANEOUS	-	3,000
5	BRAKING	DISC AND ASSEMBLY	4	10,000
		MASTER CYLINDER	2	6,000
		MISCELLANEOUS	-	2,000
6	WHEELS	TYRE AND RIM	4	36,000
		HUB	4	15,000
		MISCELLANEOUS	-	2,000
7	ELECTRICAL	KILL SWITCH	1	5,000
		ACCESSORIES	-	15,000
8	STEERING	RACK AND PINION	1	7,000
		STEERING COLUMN	1	2,000
		JOINTS	4	2,500
		TIE ROD	2	3,000
		STEERING WHEEL	1	2,500
		UNIVERSAL JOINT	2	3,000
		STEERING ARM	2	1,000
9	TOOLS	GARAGE TOOLS	-	20,000
10	FINISHING	BODY WORKS	-	10,000
		PAINTING	-	3,000
		SEAT AND SAFETY EQUIPMENTS	-	10,000
		HELMET	1	15,000
		DRIVER SUIT	2	50,000
11	TESTING	FUEL AND TRACK	-	5,000
		TRANSPORTATION	-	5,000
12	SHIPPING	TRUCK CHARGES	-	25,000
			<b>TOTAL</b>	<b>6,20,000</b>

## Budget Sanctioned and Expenditure made

### Details of Expenses in the Fabrication of All Terrain Vehicle 'GENESIS' (2015-16)

<b>Fabrication of GENESIS during the academic year 2015-16</b>				
Sl.No	Item Name		Amount (Rs) Received from	
			TEQIP	Management
1	Engine	Amount Sanctioned Rs 6, 20,000		65,477
2	Chassis Building		21,500	
3	Battery			3,200
4	Shock Absorber		1,24,388	
5	Transponder		9,990	
6	Caliper		49,468	
7	Brake pad		12,607	
8	Customs Duty		38,605	
9	Safety Equipment		49,900	
10	Driver Suit		46,000	
11	Helmet,shoes,neck support Transport charges		49,800	
12	Disc & Steering Rack		49,360	
13	Alloy Tubes			15,110
14	Wheels and Tyres		37,500	
		Sub Total	<b>4,89,118</b>	<b>83,787</b>
		Grand Total	<b>5,72,905</b>	

# For the academic year 2016-17

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## Faculty Advisors

Faculty Advisor: Dr.B.KARTHIKEYAN

Additional Faculty Advisor: Dr. A. Samuel Raja

## List of Student Members

With the guidance and support from the Management, Principal and Head of Mechanical Engineering department, members of the club are participating in various events namely, SAE BAJA, SUPRA, Gokart, MEGA ATV and efficycle. The club has currently 83 student members from Mechanical, Mechatronics and Electrical branches of Engineering. The activities of the club are continuously monitored by the Faculty members and Office bearers:

Office Bearers	Honorific	First Name	Last Name	Gender
Chairman	Mr.	Santhoshbalaji	S	M
Vice-Chairman	Mr.	Lakshmanan	SP	M
Treasurer	Mr.	Vignesh	N	M
Program chair	Mr.	Aravind	G	M
Secretary	Mr.	Santhosh Kumar	V	M
Reception Chair	Ms.	Kalai Selvi	R	F
Publicity Chair	Mr.	Manivasagan	R	M
Membership Chair	Mr.	Ganeshkumar	D	M
Editorial Chair	Mr.	Srivishnu	G	M
Event Organiser	Mr.	Jayanth	K.S	M
Member	Mr.	Animesh	Pandey	M
Member	Mr.	Ganapathy Subramanian	Siva Subramanian	M
Member	Mr.	Selvamuthu Thirukumaran	Manivannan	M
Member	Mr.	Kannan	B	M
Member	Mr.	Vignesh	Venkataraman	M
Member	Mr.	Abhilash	R	M
Member	Mr.	Balaji	M	M
Member	Mr.	Udayabhaskar	Singathurai	M
Member	Mr.	Vijayapratap	Natarajan	M
Member	Mr.	Prasanna Venkatesh	Kannan	M
Member	Mr.	Kalaiyaran	R	M
Member	Ms.	Geetha	Guruveerasamy	F
Member	Ms.	Haripriya	Santhosh	F
Member	Mr.	Ram Suraj	K.R	M
Member	Mr.	Arulmani	M	M
Member	Mr.	Pradeep	M.S	M
Member	Mr.	Jayasooriya	P	M
Member	Mr.	Vivek Kailash	E	M
Member	Mr.	Varun Gandh	S	M
Member	Mr.	Vignesh	G	M
Member	Mr.	Vigneshwaran	M	M

Member	Mr.	Mahesh	J	M
Member	Mr.	Murugappan	M R	M
Member	Mr.	Meshac	R	M
Member	Mr.	Sujith Deepak	Kumar	M
Member	Mr.	Suryaprakash	M	M
Member	Mr.	Titus	Sundar Raj	M
Member	Mr.	Arunkumar	Pazhanivelu	M
Member	Mr.	Deviprasath	P	M
Member	Mr.	Bharaneeswaran	S	M
Member	Mr.	Rasesh Dharan	A B	M
Member	Mr.	Deepak Kumar	V	M
Member	Mr.	Sri Varu Sundaram	P	M
Member	Mr.	Bala Hari Krishnan	Manogaran	M
Member	Mr.	Sathiya Rajan	D	M
Member	Mr.	Abinesh	Jayasankar	M
Member	Mr.	Asuthosh	C.R.	M
Member	Mr.	Charles	G	M
Member	Mr.	Kumar	M	M
Member	Mr.	Steev Winston	T	M
Member	Mr.	Arun Pandian	K	M
Member	Mr.	Balaselvaganesh	B	M
Member	Mr.	Vignesh Perumal	S	M
Member	Mr.	Ajith Kumar	R	M
Member	Mr.	Haridevan	G	M
Member	Mr.	Jyothi Kannan	M	M
Member	Mr.	Balendra	Dageendran	M
Member	Mr.	Gokulnath	V.M.	M
Member	Mr.	Hariharan	A R	M
Member	Mr.	Lakxmanan	V	M
Member	Mr.	Muthu Raj	G	M
Member	Mr.	Murali Manohar	S	M
Member	Mr.	Karthick	M	M
Member	Ms.	Mohana Priya	S	F
Member	Ms.	Janaki Narayani	A R	F
Member	Ms.	Jaishri	J	F
Member	Ms.	Dharshini	U	F
Member	Ms.	Anjali Choudhary	K	F
Member	Ms.	Kannal Mozhi	M	F
Member	Ms.	Arun	Gayathri	F
Member	Ms.	Kavi Priya	B	F
Member	Ms.	Saranya	G R	F
Member	Ms.	Deepika	K	F
Member	Mr.	Gokul	R.K	M
Member	Mr.	Dhanoordaran	Vijayaragavan	M
Member	Mr.	Nithun Raj	Periasamy	M
Member	Mr.	Sethuraman	M	M
Member	Mr.	Gokul	D	M
Member	Mr.	Rambabu	A	M
Member	Mr.	Siddharth	N	M
Member	Ms.	Alice Nila	Muthurajavel	F
Member	Ms.	Nikhila	R	F
Member	Ms.	Jai Shalini	R	F

## Internal Team selection process & Activities conducted like lectures / workshop etc.

### **CLUB ACTIVITIES:**

**SAE ISS yearly conducts STUDENTS CONVENTION in three levels.** Following events were conducted at TIER-I, TIER-II and TIER-III level of competitions.

- Aero modelling competition
- Modelling and Animation
- Analysis
- Business Plan competition
- Technical Paper competition
- Auto Quiz Competition
- CFD contest
- Prototype Modelling
- Welding
- Mobile Robotics
- Mechatronics
- CNC Turning
- CNC Milling
- Manufacturing Tech Challenge
- Mechanical Engineering Design CAD
- Electronics
- Group Discussion
- Design Review Competition
- Diagrammatic Reasoning
- How things works
- Process Planning
- Reverse Engineering
- Threading and Taper Turning
- Work Holding

## TIER I EVENT RESULTS

Sl. No	Event no.	Event name	Winners	Runners
1.	1.	Aero modelling competition	1. R. Manivasagan 2. K. S. Jayanth 3. A. R. Hariharan 4. V. Lakshmanan	1. D. Ganesh Kumar 2. P. Arunkumar
2.	2.	Modelling and Animation	1. N. Vignesh 2. N.Vijayaprathap	1. K.S. Jayanth 2. G. Aravindh
3.	3.	Analaysis	1. K. PrasannaVenkatesh 2. G. Aravindh	1. P. Arunkumar 2. M.S.Pradeep
4.	5.	Business Plan competition	1. V. Vignesh 2. R. Kalaiarasan 3. Animesh Pandey	1. P. Jayasooriya 2. K.R. Ram Suraj
5.	6.	Technical Paper competition	M.SelvamuthuThirukumaran	
6.	7.	Auto Quiz Competition	1. E. Vivek Kailash 2. D. Ganesh Kumar 3. G. Srivishnu	1. M. Balaharikrishnan 2. R. Manivasgan
7.	8.	CFD contest	1. P. Nithun Raj 2. M. SelvamuthuThirukumaran	1. K.S. Jayanth 2. E. Vivek Kailash
8.	11.	Prototype Modelling	1. N. Vijayaprathap 2. G. Srivishnu 3. P. Jayasooriya 4. M. Balaji	1. M. Balaharikrishnan 2. M. Vigneshwaran
9.	12.	Welding	1. M.S. Pradeep 2. A.R. Hariharan	1. V. Dhanoordaran 2. Nithun Raj



10.	13.	Mobile Robotics	1. G. Geetha 2. S. Haripriya 3. Arun Gayathri	1. V. Gokulnath 2. K. Deepika
11.	14.	Mechatronics	1.V. M.Gokulnath 2. K. Deepika 3. V. Santhosh Kumar 4. G. Muthu Raj	1. G. Geetha 2. Arun Gayathri
12.	15.	CNC Turning	1. M. S. Pradeep 2. M. Vigneshwaran 3. G. Aravindh 4. M. Suryaprakash	1. J. Mahesh 2. S. Varun Gandh
13.	16.	CNC Milling	1. S. Baraneeswaran 2. P. Arun Kumar	1. G. Aravindh 2. M. Suryaprakash
14.	18.	Manufacturing Tech Challenge	1. M. Vigneshwaran 2. M. Suryaprakash 3. M. Balaharikrishnan 4. J. Mahesh	1. S. Baraneeswaran 2. P. Arun Kumar
15.	19.	Mechanical Engineering Design CAD	1. K. S. Jayanth 2. S. Baraneeswaran 3. K.R. Ramsuraj 4. P. Arunkumar	1. M. Suryaprakash 2. A.B. Raseshdharan
16.	20.	Electronics	1. R. Ajith Kumar 2. M. Jothi Kannan 3. V. Santhosh Kumar 4. R. Kalaiarasan	1. G. Geetha 2. ArunGayathri
17.	21.	Group Discussion	1. Animesh Pandey 2. S. Titus	

			3. S. Udayabhaskar 4. S. Ganapathy 5. V. Vignesh 6. N. Vignesh	
18.	22.	Design Review Competition	1. S. Santhosh Balaji 2. B. Kannan 3. M. Balaharikrishnan	1. Animesh Pandey 2. J. Abinesh
19.	23.	Diagrammatic Reasoning	1. G. Geetha 2. J. Abinesh 3. M. Balaji	1. N. Vignesh 2. Nithun Raj
20.	24.	How things works	1. V. Dhanoordaran 2. S. Santhosh Balaji	V. Gokulnath
21.	25.	Process Planning	1. S.P. Lakshmanan 2. S. Ganapathy 3. A. B. RaseshDharan	D. Ganesh Kumar
22.	28.	Reverse Engineering	1. A.B. RaseshDharan 2. K.R. Ram Suraj	1. G. Srivishnu 2. V. Dhanoordaran
23.	29.	Threading and Taper Turning	R. Manivasagan	S. Varun Gandh
24.	30.	Work Holding	D. Ganesh Kumar	R. Meshac

## TIER-I Event Photos





## **External contest participation - team list / venue / title of the contest/Position won / Issues or Challenges faced/task completed**

The tier-I events are conducted in our college and based its results eligible candidates attended tier 2 events, Tier II ( Division Level ) Inter SAE Collegiate clubs Technical events of Madurai Zone of southern section SAE-INDIA held at K.Ramakrishnan College of Technology, Trichy on 28/01/2017. Tier III (Convention) event is an Inter divisional competition in which the Tier-II winners and runners participating in southern section

### **TIER II EVENT RESULTS**

**Tier II ( Division Level ) Inter SAE Collegiate clubs  
Technical events of Madurai Zone of southern section  
SAE-INDIA held at K.Ramakrishnan College of  
Technology, Trichy on 28/01/2017.**

<b>Sl. No</b>	<b>Event no.</b>	<b>Event name</b>	<b>Winners</b>	<b>Prize position</b>
1.	1.	Aero modelling competition	1. R. Manivasagan 2. K. S. Jayanth 3. A. R. Hariharan 4. V. Lakshmanan	S e c o n d p l a c e
2.	3.	Analaysis	1. K. PrasannaVenkatesh 2. G. Aravindh	F i r s t p l a c e
3.	5.	Business Plan competition	1. V. Vignesh 2. R. Kalaiarasan	F i r s t p l a c e

			3. Animesh Pandey	
4.	7.	Auto Quiz Competition	1. E. Vivek Kailash 2. D. Ganesh Kumar 3. G. Srivishnu	T h i r d p l a c e
5.	8.	CFD contest	1. P. Nithun Raj 2. M. SelvamuthuThirukumaran	F i r s t p l a c e
6.	11.	Prototype Modelling	1. N. Vijayaprathap 2. G. Srivishnu 3. P. Jayasooriya 4. M. Balaji	F i r s t p l a c e
7.	12.	Welding	1. M.S. Pradeep 2. A.R. Hariharan	F i r s t p l a c e
8.	13.	Mobile Robotics	1. G. Geetha 2. Arun Gayathri	F i r s t p r i z e
9.	14.	Mechatronics	1.V. M.Gokulnath 2. K. Deepika 3. V. Santhosh Kumar 4. G. Muthu Raj	F i r s t P r i z e
10.	18.	Manufacturing Tech Challenge	1. M. Vigneshwaran 2. M. Suryaprakash 3. M. Balaharikrishnan 4. J. Mahesh	F i r s t p l a c e
11.	19.	Mechanical Engineering Design CAD	1. K. S. Jayanth 2. S. Baraneeswaran 3. K.R. Ramsuraj 4. P. Arunkumar	S e c o n d p l a c e

12.	20.	Electronics	1. R. Ajith Kumar 2. M. Jothi Kannan 3. V. Santhosh Kumar 4. R. Kalaiarasan	F i r s t P r i z e
13.	21.	Group Discussion	1. Animesh Pandey 2. S. Titus 3. S. Udayabhaskar 4. V. Vignesh	S e c o n d p l a c e
14.	22.	Design Review Competition	1. S. Santhosh Balaji 2. B. Kannan 3. M. Balaharikrishnan	F i r s t p l a c e
15.	23.	Diagrammatic Reasoning	1. G. Geetha 2. J. Abinesh 3. M. Balaji	F i r s t P r i z e
16.	24.	How things works	1. V. Dhanoordaran 2. S. Santhosh Balaji	F i r s t p l a c e
17.	25.	Process Planning	1. A. B. RaseshDharan	F i r s t p l a c e
18.	28.	Reverse Engineering	1. A.B. RaseshDharan 2. K.R. Ram Suraj	F i r s t p l a c e
19.	29.	Threading and Taper Turning	R. Manivasagan	T h i r d p l a c e
20.	30.	Work Holding	D. Ganesh Kumar	S e c o n d p l a c e

## TIER-II Event Photos





**SAE Student Convention 2017 Tier-III  
Events Held at KONGU ENGINEERING  
COLLEGE, Perundurai; Erode on  
25th & 26th February 2017.**

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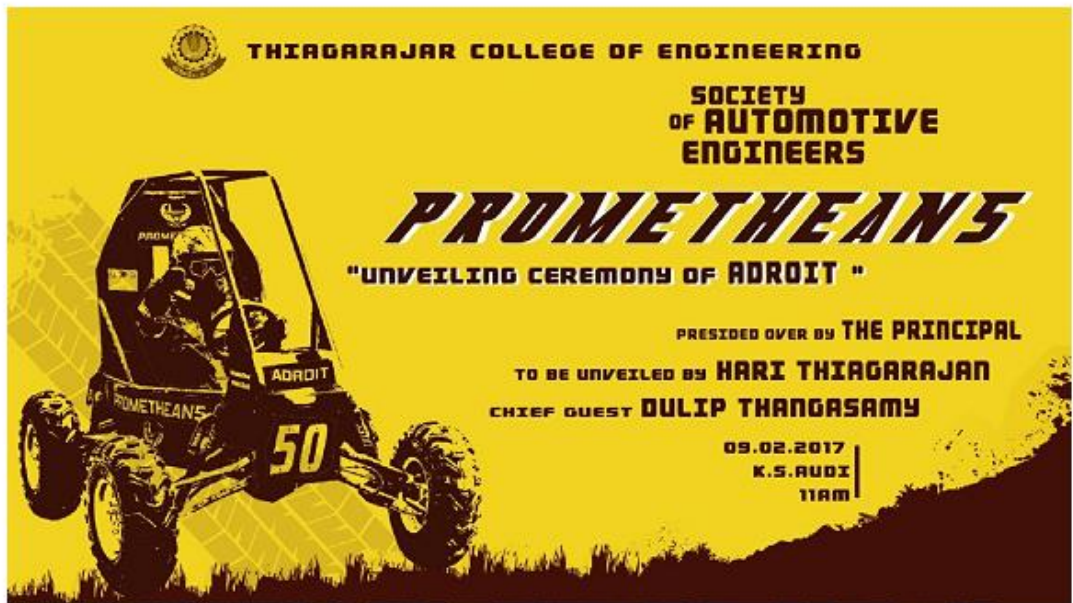
SL NO	NAME	YEAR	DEPT	EVENT NAME	PLACE SECURED
1	Vijayaprathap.N	IV	MECH	Prototype modelling	First Place
	Jayasooriya.P	III	MECT		
2	Geetha.G	IV	EEE	Mobile Robotics	Third Place
	Arun Gayathri	III	EEE		
3	Kalaiyaran.R	IV	EEE	Electronics	Second Place
	Santhoshkumar.V	IV	EEE		
	Jyothikannan.M	III	EEE		
	Ajith kumar.R	III	EEE		
4	Kannan.B	IV	MECH	Design Review	Third Place
	Bala Harikrishnan.M	III	MECH	Competition	
5	Rasesh dharan.A.B	III	MECH	Process Planning	Third Place
6	Ganeshkumar.D	III	MECT	Work Holding	Third Place
7	Gokulnath.V.M	III	EEE	Circuit Design	Second Place
	Hariharan.A.R	III	EEE		
8	Deepika.K	III	EEE	Internet of Things	Third Place
	Saranya.G.R	III	EEE		

## TIER-III Event Photos



**Unveiling Ceremony of All Terrain Vehicle (ATV) ADROIT** held on 09.02.2017 at 11 am in K.S Auditorium are given below. **Mr.Dulip Thangasamy**, Facility General Manager, Caterpillar India Pvt. Ltd., Chennai was the Chief Guest of the function.

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**Performance of (SAE Club of TCE) Team  
PROMETHEANS @ Enduro Student India 2017  
Contest held at Eachanari, Coimbatore, Tamilnadu  
(5<sup>th</sup> Jan – 9<sup>th</sup> Jan 2017)**

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**CONSOLIDATED REPORT**

**Total No. Teams participated in the Main event : 79**

**Team Captain: S.Udaya Baskar (Final Year Mechanical Engg)**

***Results of Dynamic Events***

Name of the event	Rank Obtained out of 79
Acceleration	56
Maneuverability	-
Sprint	49
Endurance	46

***Results of Static Events***

Name of the event	Rank Obtained out of 79
Design	41
Sales	13
Cost	11

**Overall Ranking: 49<sup>th</sup> out of 79**

## Enduro Student India Over All Result 2017

Car No	Team Name	Design	Cost	Sales	Overall Statics	Acceleration	Sprint	Manuverability	Overall Dynamics	Endurance	Overall Position	Rank
35	TEAM AVISHKAR	149.00	89.50	37.00	275.50	99.03	100.00	100.00	299.03	349.02	923.55	1
99	TEAM RED BARON	150.00	79.00	34.00	263.00	90.09	94.76	91.31	276.16	364.71	903.87	2
34	STALLIONS RACING	82.00	66.50	34.00	182.50	89.55	99.02	98.96	287.53	400.00	870.03	3
3	PIRANHA RACING	117.00	76.00	44.50	237.50	93.70	95.67	97.62	286.99	337.25	861.74	4
29	TEAM PREDATORS	128.00	71.00	34.00	233.00	98.33	92.93	82.03	273.29	337.25	843.54	5
17	KI RACING	132.00	77.00	40.50	249.50	80.44	85.73	62.79	228.96	352.94	831.40	6
84	TEAM ASHWA3.0	112.00	65.00	23.50	200.50	73.93	79.61	87.57	241.12	364.71	806.33	7
7	TEAM ENDURANCE RACING	147.00	61.00	33.50	241.50	89.41	87.02	64.06	240.49	313.73	795.72	8
1	FORZA RACING	131.00	34.00	33.00	198.00	83.65	72.94	91.43	248.03	345.10	791.13	9
6	TEAM JATAYU	126.00	67.00	32.00	225.00	95.80	82.72	85.70	264.21	294.12	783.33	10
5	TEAM SPARKX	106.00	68.50	29.00	203.50	94.53	74.59	28.45	197.57	329.41	730.48	11
62	TEAM KSHATRIYA	146.00	65.50	37.00	248.50	100.00	96.56	88.03	284.58	172.55	705.63	12
66	TEAM SJEC RACING	117.00	66.50	0.00	183.50	78.63	0.00	91.63	170.26	329.41	683.17	13
91	TEAM VEGA	86.00	41.50	26.00	153.50	77.78	65.35	28.45	171.57	356.86	681.93	14
33	TEAM ABHEDYA	115.50	72.50	34.50	222.50	61.62	74.09	0.00	135.71	282.35	640.56	15
73	JUGGERNAUT RACING	81.00	60.00	29.00	170.00	83.06	86.78	65.38	235.22	235.29	640.51	16
9	TEAM HELIOS RACING	133.00	61.00	35.00	229.00	91.15	62.72	85.63	239.50	137.25	605.75	17
100	TEAM BLITZKRIEG 17	95.00	76.50	35.00	206.50	81.60	80.79	81.72	244.11	145.10	595.71	18
71	TEAM ABADHA CRCE	115.00	70.00	34.00	219.00	78.08	86.06	56.05	220.19	149.02	588.21	19
72	PHOENIX RACING	79.00	36.50	25.00	140.50	82.94	4.68	57.45	145.08	294.12	579.70	20
16	THE ASHWA RIDERS	114.00	74.00	37.50	225.50	83.11	80.64	82.68	246.43	105.88	577.81	21
55	TEAM TT RACING	68.00	65.50	37.00	170.50	64.35	57.76	56.77	178.88	227.45	576.83	22
8	DJS KRONOS INDIA	74.00	67.00	41.50	182.50	54.64	83.26	28.45	166.34	227.45	576.29	23
20	TEAM MANIPAL RACING	106.00	63.50	35.00	204.50	96.49	85.73	28.45	210.66	145.10	560.26	24
77	TEAM INVINCIBLES IITP	91.00	58.50	35.00	184.50	54.80	48.16	14.22	117.18	254.90	556.58	25
63	TEAM WRATH RACING	86.00	71.50	22.00	179.50	83.44	70.31	14.22	167.98	196.08	543.56	26
18	MPSTME RACING 3.0	74.50	48.50	33.00	156.00	69.03	70.38	51.35	190.75	188.24	534.99	27
37	TECHNOSPARK 3	106.00	29.00	24.00	159.00	86.13	37.68	60.55	184.36	188.24	531.60	28
104	RHINO RACERS	0.00	60.00	9.00	69.00	86.62	77.14	28.45	192.21	262.75	523.96	29
2	THE ROADRUNNERS	83.00	66.00	32.00	181.00	80.18	0.00	28.45	108.63	207.84	497.47	30
31	TEAM CONQUISTADOR	108.00	67.00	31.00	206.00	81.95	74.01	0.00	155.96	133.33	495.29	31
108	TEAM AUDACIOUS	107.00	47.50	39.50	194.00	79.12	0.00	72.21	151.33	141.18	486.51	32
11	DELTECH BAJA	92.00	56.50	27.00	175.50	81.76	75.92	67.98	225.66	74.51	475.67	33
32	INSPIRED KARTERS RACING	111.00	49.00	23.50	183.50	70.49	0.00	0.00	70.49	219.61	473.60	34
61	REDSHIFT RACING INDIA	112.00	73.50	34.50	220.00	88.35	84.26	28.45	201.05	50.98	472.03	35
19	TEAM BRAHMASTRA	98.00	71.50	40.00	209.50	65.96	0.00	42.67	108.63	152.94	471.07	36
46	BAJA BHAI'S	129.50	58.50	27.00	215.00	87.45	80.95	62.15	230.54	11.76	457.30	37
56	DIRT MARSHALLS 2.0	118.00	68.50	12.00	198.50	85.09	66.01	76.08	227.18	23.53	449.21	38
13	FIREBOLT RACING	98.00	69.00	39.50	206.50	84.41	0.00	0.00	84.41	156.86	447.77	39
45	KNIGHT FURY	122.00	66.00	28.00	216.00	69.64	0.00	28.45	98.08	133.33	447.41	40
25	TORRID RACING	69.00	69.50	30.00	168.50	68.88	47.07	28.45	144.40	98.04	410.94	41
59	TEAM BRUISER HEADS	104.00	52.00	28.00	184.00	75.51	49.95	0.00	125.46	70.59	380.05	42
27	CEC MOTORSPORTS	101.00	30.00	24.00	155.00	77.75	56.31	0.00	134.06	70.59	359.65	43
81	TEAM INVINCIBLE	81.00	47.00	21.00	149.00	69.47	0.00	0.00	69.47	141.18	359.65	44
21	TEAM TORNADOES RACING	92.00	71.00	7.00	170.00	81.62	0.00	0.00	81.62	98.04	349.66	45
51	CHASSIS-Z	67.00	0.00	0.00	67.00	62.63	73.29	68.02	203.95	78.43	349.38	46
23	TEAM NASHORNS	78.00	38.00	21.00	137.00	72.54	29.35	0.00	101.89	98.04	336.93	47
74	IITH MOTORSPORTS	92.00	69.00	27.00	188.00	61.15	0.00	0.00	61.15	62.75	311.90	48
50	PROMETHEANS	77.00	71.50	33.00	181.50	46.05	0.00	0.00	46.05	62.75	290.30	49
69	TEAM VELOCIRAPTORS	123.00	39.50	30.50	193.00	76.29	0.00	0.00	76.29	0.00	269.29	50
24	CEG MOTORSPORTS	93.50	59.50	33.00	186.00	74.33	0.00	0.00	74.33	7.84	268.17	51
28	THE CONRODS OFF-ROAD RACING	148.00	77.50	30.00	255.50	0.00	0.00	0.00	0.00	0.00	255.50	52
36	FLASH	66.00	53.50	30.50	150.00	52.82	34.42	0.00	87.24	0.00	237.24	53
39	OFF ROAD CRUSADERS	69.00	60.50	21.00	150.50	76.60	0.00	0.00	76.60	0.00	227.10	54
90	INVICTO RACING	0.00	0.00	25.00	25.00	59.00	0.00	0.00	59.00	117.65	201.65	55
78	TEAM NIYUDRATH	97.50	69.00	29.00	195.50	0.00	0.00	0.00	0.00	0.00	195.50	56
54	ARTEMIS RACING INDIA	85.00	72.00	23.00	180.00	0.00	0.00	0.00	0.00	0.00	180.00	57

# Enduro Student India 2017

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EVENT photos

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# Performance of (SAE Club of TCE) Team PROMETHEANS @ SAE BAJA INDIA 2017 Contest held at Pithampur, Indore, Madya Pradesh (15<sup>th</sup> Feb – 19<sup>th</sup> Feb 2017)

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## CONSOLIDATED REPORT

**Total No. of Teams Registered for BAJA SAE INDIA 2017 : 413**

**Total No. of Teams Selected : 150 \***

(Based on results of Virtual Round held during June 24 & 25 2016)  
[\* TCE has been selected for the first time]

**Total No. Teams participated in the Main event : 148**

**Team Captain: S.Udaya Baskar (Final Year Mechanical Engg)**

### *Results of Dynamic Events*

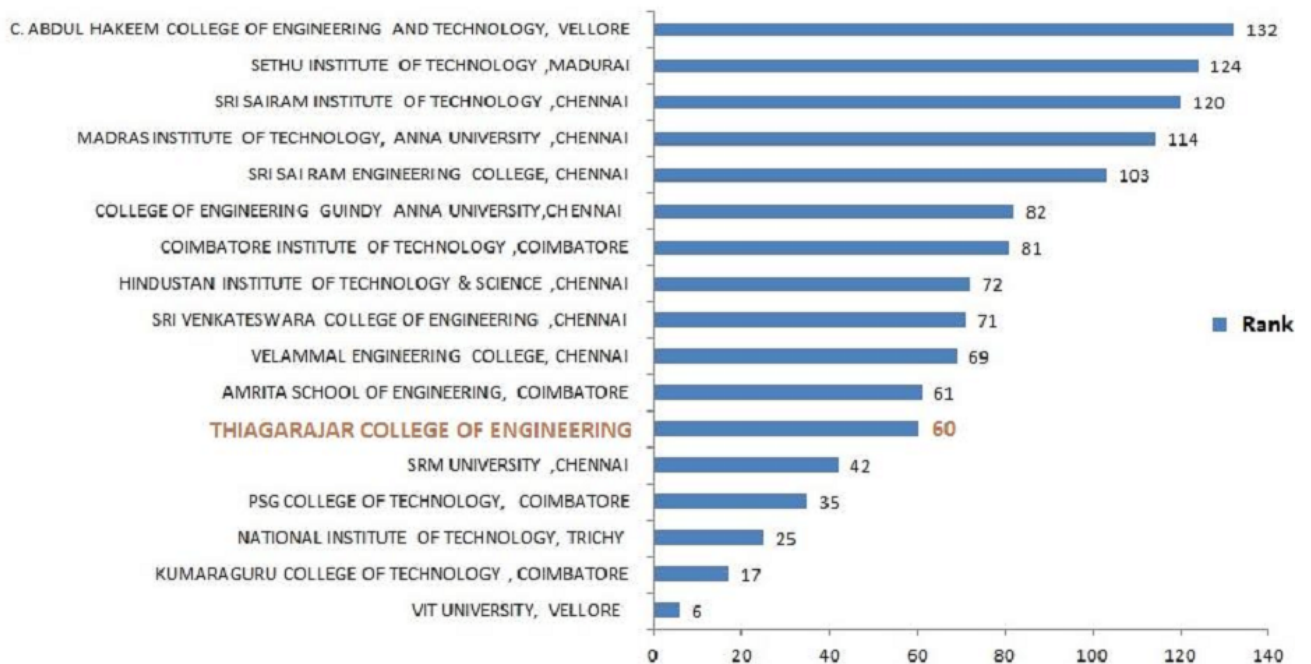
Name of the event	Rank Obtained out of 148
Acceleration	91
Maneuverability	52
Suspension	38
Sled Pull	3

### *Results of Static Events*

Name of the event	Points Scored
Design	127.7/150
Sales	32.4/50
Cost	61/100

## Overall Ranking: 60<sup>th</sup> out of 148

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## 6<sup>th</sup> Rank out of 17 in Tamilnadu

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# BAJA SAEINDIA 2017

Main BAJA - OVERALL RESULTS - 19.02.2017



Car No.	Team ID	College Name	Team Name	Static Events			Dynamic Events				Endurance Race	Total	Rank
				Design	Sales	Cost	Acceleration	Maneuverability	Suspension	Sled Pull			
38	17114	MAHARAJ VIJAYARAM GAJAPATHI RAJ COLLEGE OF ENGINEERING	TEAM INVINCIBLE	106.4	35.9	59.0	33.1	0.0	0.0	0.0	133.3	367.8	55
33	17093	GANPAT UNIVERSITY - U. V. PATEL COLLEGE OF ENGINEERING	TEAM SHATASHVA	108.7	25.1	54.0	43.6	0.0	0.0	0.0	133.3	364.7	56
108	17261	PANDIT DEENDAYAL PETROLEUM UNIVERSITY	TEAM CZAR	124.3	27.0	73.0	44.3	0.0	0.0	0.0	95.2	363.9	57
32	17091	GOKARAJU RANGARAJU INSTITUTE OF ENGINEERING AND TECHNOLOGY	BRUISER HEADS	126.6	35.6	48.0	54.8	0.0	0.0	19.2	76.2	360.4	58
30	17085	CHAMELI DEVI SCHOOL OF ENGINEERING	TEAM SPARTANS	67.2	20.6	79.0	49.6	2.2	7.3	20.9	109.5	356.4	59
114	17273	THIAGARAJAR COLLEGE OF ENGINEERING	PROMETHEANS	127.7	32.4	61.0	7.6	0.0	29.3	59.0	38.1	355.0	60
124	17298	AMRITA SCHOOL OF ENGINEERING	AMRITA RACING	125.4	43.6	54.0	42.3	0.0	0.0	0.0	76.2	341.5	61
39	17116	GOVERNMENT ENGINEERING COLLEGE, RAJKOT	VELOCIRAPTORS	114.2	36.4	0.0	0.0	0.0	0.0	0.0	190.5	341.1	62
60	17160	NATIONAL INSTITUTE OF TECHNOLOGY RAIPUR	DYNAMIC	99.7	21.6	85.0	37.6	0.0	0.0	0.0	95.2	339.1	63
18	17055	NBN SINHGAD SCHOOL OF ENGINEERING	ARVAN 2.0	116.5	41.1	86.0	0.0	0.0	0.0	0.0	95.2	338.8	64
65	17172	LAKSHMI NARAIN COLLEGE OF TECHNOLOGY, INDORE	LN-INTERCEPTOR	81.8	45.2	80.0	33.4	0.0	0.0	0.0	95.2	335.6	65
80	17201	VEER SURENDRA SAI UNIVERSITY OF TECHNOLOGY	TEAM VEERSS RACING	121.9	32.9	85.0	48.2	0.0	0.0	7.9	33.3	329.2	66
74	17190	SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY MANAGEMENT & GRAMOTHAN	XCELERATORS	113.8	37.9	63.0	0.0	0.0	0.0	0.0	114.3	329.0	67
27	17073	R. C. PATEL INSTITUTE OF TECHNOLOGY, SHIRPUR	TEAM ASSASSINS	97.4	20.8	52.0	38.0	0.0	0.0	21.3	90.5	320.0	68
23	17066	VELAMMAL ENGINEERING COLLEGE	KRIEGER	100.7	43.0	75.0	34.9	0.0	0.0	0.0	57.1	310.7	69
72	17187	G. H. RAISONI COLLEGE OF ENGINEERING AND MANAGEMENT, AMRAVATI	TEAM CHRONICLE	118.7	18.2	57.0	0.0	0.0	0.0	0.0	114.3	308.2	70
10	17036	SRI VENKATESWARA COLLEGE OF ENGINEERING	TEAM TRAXION-PRITHVI	99.7	39.6	75.0	48.6	0.0	0.0	0.0	38.1	300.9	71
1	17003	HINDUSTAN INSTITUTE OF TECHNOLOGY & SCIENCE	STALWARTZ RACING	88.0	29.7	69.0	51.0	0.0	36.6	18.8	0.0	293.1	72

**SAE BAJA 2017**

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**EVENT photos**

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## Budget sanctioned and Expenditure made



mechanical Ic Lab

**THIAGARAJAR COLLEGE OF ENGINEERING, MADURAI-15**  
(A Govt. Aided Autonomous Institution affiliated to Anna University)  
**DEPARTMENT OF MECHANICAL ENGINEERING**

Ref: TCE/MED/BAJA Main 2017/Fabrication /2016/ 488

08.09.2016

**Submitted to the Chairman and Correspondent**

Respected Sir,

Society of Automotive Engineers (SAE) India is organizing a contest SAE BAJA 2017 in two phases (Phase-1 Virtual Round, Phase-2 Main Event) wherein team of students have to design, fabricate and validate a single seater four - wheeled off road vehicle. BAJA Team of our SAE Collegiate club **PROMETHEANS** has participated in the Virtual 2016 round (Phase-1) and secured **109<sup>th</sup> rank amongst 420 teams** and has been shortlisted for the BAJA 2017 Main event. Registration for the main event has been made with financial support from our college.

A tentative assessment of total expense for the fabrication of the vehicle is given below for your perusal.

S.No.	SUB- SYSTEM	COMPONENTS	COST IN INR
1	Space Frame	AISI - 4130 Tubes	36,000
		MIG Welding and Miscellaneous	4,000
2	Suspension & Steering	Knuckle	28,000
		Air shock valves	5,000
		Steering Column	1,000
		Tie rod & steering joints	750
		Suspension joints & mounts	2,400
		CVT	20,000
3	Power train	Reduction Gear Box	1,50,000
		Miscellaneous	4,000
		Disc & Callipers	20,000
4	Brakes	Wheels & Tyres	40,000
		Wheel hub	25,000
		Pedals & Brake hoses	4,000
		Battery	2,000
5	Electrical System	Kill switches & Lamp	1,000
		Fuel & oil	2,000
6	Dynamic Tests & Transportation	Tools	10,000
		ATV Transportation	1,00,000
<b>Total</b>			<b>4,55,150</b>

The fabrication of the vehicle has been planned to complete in the mid of October 2016. Attempts are being made to get sponsorship from other sources.

I request you to grant permission to carry out the fabrication work and sanction the financial requirements for the same under TEQIP head of account.

Thanking you,

*V. Arun Kumar*  
PRINCIPAL

*yu*  
*M*  
*13/9*

*13/09/16*

*HT*  
*08/09/16*

## Details of Expenses in the Fabrication of All Terrain Vehicle 'ADROIT' (2016-17)

<b>Fabrication of ADROIT during the academic year 2016-17</b>				
Sl.No	Item Name	Amount Sanctioned	Amount(Rs) Received from	
			TEQIP	Management
1	Baja Fee	Rs: 4,55,150	34,500.00	
2	Knuckle and Hub		1,36,553.00	
3	Fox air shock valve			8,498.84
4	Proportionate valve			8,740.67
5	CVT		38,197.00	
6	Alloy Tubes		14,385.00	
7	Wheels and Tyres			61,491.00
8	Spare wheels and Tyres			41,501.30
9	Custom Axle		14,000.00	
10	Gear Box		73,208.00	
11	Brake Disc Job work		18,000.00	
12	ATV Transportation		60,000.00	
		Sub Total	<b>3,88,843.00</b>	<b>1,20,231.81</b>
		Grand Total	<b>5,09,074.81</b>	

# For the academic year 2017-18

## Faculty Advisors

Faculty Advisor: Dr.B.KARTHIKEYAN

Additional Faculty Advisor: Dr. A. Samuel Raja



## List of Student Members

Sl.No	Office Bearers	Honorific	First Name	Last Name	Gender*
1	Chairperson	Mr.	Jayanth	K S	M
2	Vice-Chairperson	Mr.	Jayasooriya	.P	M
3	Secretary	Mr.	Ajith Kumar	.R	M
4	Treasurer	Mr.	Balaharikrishnan	.M	M
5	Receptionchair	Mr.	Dhanoordharan	.V	M
6	Programchair	Mr.	Rajkishore	R	M
7	Publicitychair	Mr.	Andrew Kirubsingh	.P	M
8	Membership Chair	Mr.	Naveen	.A	M

9	Editorial Chair	Mr.	Srivishnu	.G	M
10	Event Organiser	Mr.	Raja Pandian	P	M
11	Member	Mr.	Deviprasath	.P	M
12	Member	Mr.	Ram Suraj	.K.R	M
13	Member	Mr.	Ganeshkumar	.D	M
14	Member	Mr.	Natarajan	.C.K	M
15	Member	Mr.	Manivasagan	.R	M
16	Member	Mr.	Gokula Krishnan	.V	M
17	Member	Mr.	Jyothi Kannan	.M	M
18	Member	Mr.	Aravindh	.G	M
19	Member	Mr.	Pradeep	.M.S	M
20	Member	Mr.	Arunkumar	Pazhanivelu	M
21	Member	Mr.	Swathik Prasanna	T	M
22	Member	Mr.	Sujith Deepak	Kumar	M
23	Member	Mr.	Bharaneeswaran	S	M
24	Member	Mr	Nirmal Jeffrey	B	M
25	Member	Mr.	Murugappan	M R	M
26	Member	Mr	Pradeep Kumar	R	M
27	Member	Ms.	Jaishri	J	F
28	Member	Ms.	Arun	Gayathri	F
29	Member	Mr.	Hariharan	A R	M
30	Member	Ms.	Deepika	K	F
31	Member	Ms.	Kannal Mozhi	M	F
32	Member	Mr.	Muthu Raj	G	M
33	Member	Mr.	Tamilarasan	K	M
34	Member	Mr.	Balaji	N	M
35	Member	Mr.	Chendur Rakesh	.J	M
36	Member	Mr.	Arun prakash	.S	M
37	Member	Mr.	Ragul Prasad	.M	M
38	Member	Mr.	Prem kumar	R.N.	M
39	Member	Mr.	Deepak Chandru	.G	M
40	Member	Mr	Kannan	S	M
41	Member	Mr.	Naveenchandar	.S	M
42	Member	Mr.	Jayasuriya	R.S	M
43	Member	Mr.	Viswesh Krishnan	.K	M
44	Member	Mr.	Madhubalan	.J	M
45	Member	Mr	Gautham Kumar	S.K	M
46	Member	Mr	Arunkumar	Srinivasan	M
47	Member	Mr	Thirumalai Kumar	M	M
48	Member	Mr.	VetriVelan Alias Mithun	.S	M
49	Member	Mr.	Mohamed Javid	.H	M
50	Member	Mr.	sudeesh	.S	M
51	Member	Mr.	Muthupalaniappan	.M	M

## Internal Team selection process & Activities conducted like lectures / workshop etc.

As part of SAE collegiate club, TIER I events were conducted on 27/09/2017 and 28/09/2017.

### TCE-SAE COLLEGIATE CLUB

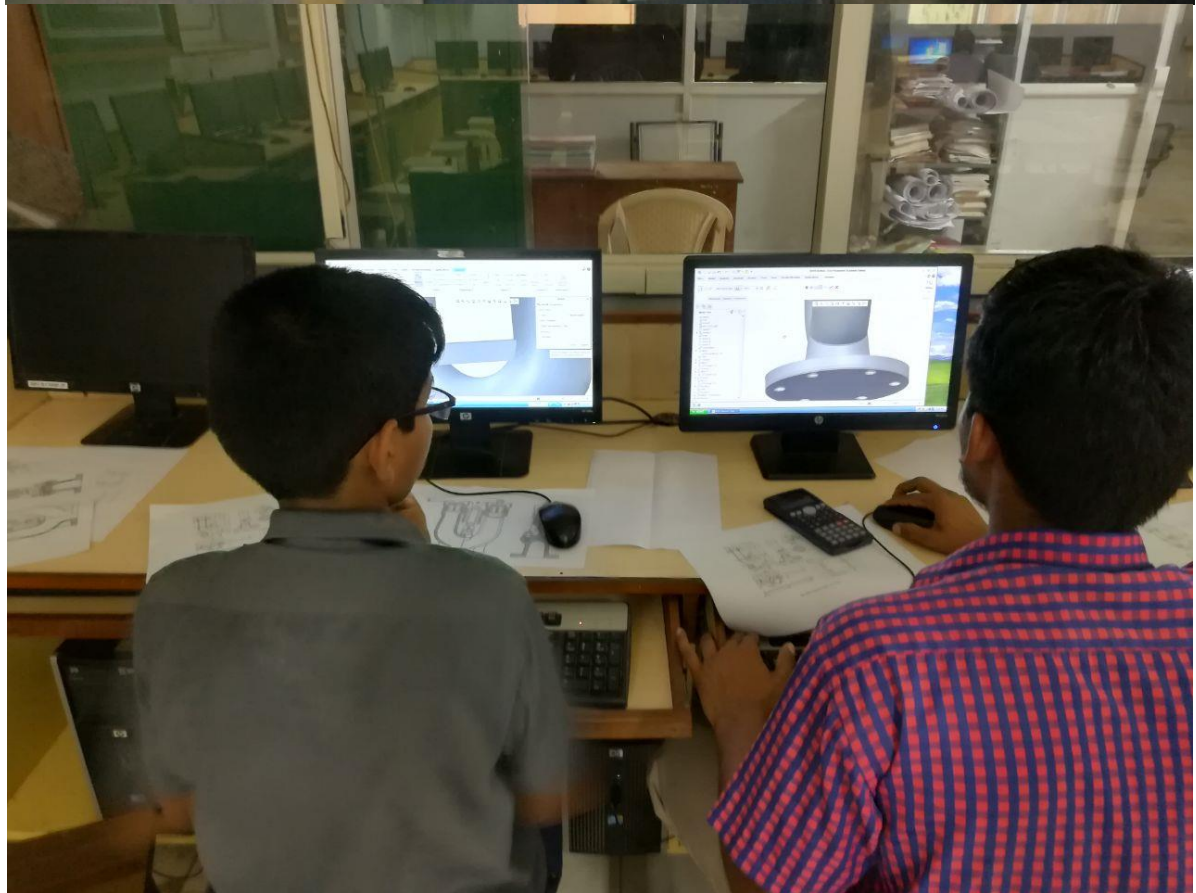
#### TIER I EVENT RESULTS

Sl. No	Event no.	Event name	Winners	Runners
1.	1.	Modelling and Animation	1. G. Aravindh 2.M. Balaharikrishnan	1. K.S. Jayanth 2. G. Aravindh
2.	2.	Analysis	1. K.R. Ram Suraj 2. Gokula Krishnan V	1. P. Arunkumar 2. M.S.Pradeep
3.	4.	Business Plan competition	1. G. Srivishnu 2.P. Jayasooriya 3.Swathik Prasanna	1. P. Jayasooriya 2. K.R. Ram Suraj
4.	5.	Technical Paper competition	M.S.Pradeep	
5.	6.	Auto Quiz Competition	1. Dhanoordharan 2. Arunkumar S 3. Madhubalan J	1. M. Balaharikrishnan 2. R. Manivasgan
6.	7.	CFD contest	1.Sujith Deepak Kumar 2. Raja Pandian P	1. K.S. Jayanth 2. E. Vivek Kailash
7.	10.	Prototype Modelling	1. Deviprasath P 2. GaneshKumar D 3. Natrajan C K	1. M. Balaharikrishnan 2.Raja Pandian P
8.	11.	Welding	1. Prem kumar R N 2. Sudeesh S	1. V. Dhanoordaran 2. Natrajan C K
9.	12.	Mobile Robotics	1. G. Muthuraj 2. A.R. Hariharan 3. Arun Gayathri 4. Tamilarasan K	1. Prem kumar R N 2. Sudeesh S
10.	13.	Mechatronics	1.Chendur Rakesh J 2. Andrew kirubsingh 3. Madhubalan J 4. Muthupalaniappan M	1. G. Geetha 2. Arun Gayathri
11.	14.	CNC Turning	1. Ragul Prasad M 2. Arun prakash S	1. Nirmal Jeffery B 2.Viswesh Krishnan K
12.	15.	CNC Milling	1. S. Baraneeswaran 2. Kannan S	1. G. Aravindh 2. M. Suryaprakash
13.	17.	Manufacturing Tech Challenge	1. Murugappan MR 2. Pradeep Kumar R 3. Nirmal Jeffery B 4.Viswesh Krishnan K	1. S. Baraneeswaran 2. P. Arun Kumar
14.	18.	Mechanical Engineering Design CAD	1. Prem kumar R N 2. Raj Kishore 3.Arun Kumar P 4.Mohamed Javid H	1. P. Jayasooriya 2. G.Srivishnu
15.	29.	Electronics	1.R. Ajith Kumar 2.M. Jyothi kannan 3.N.Balaji 4.Jayasuriya R S	1. G. Geetha 2. ArunGayathri

16.	20.	Group Discussion	<ol style="list-style-type: none"> <li>1. P. Jayasooriya</li> <li>2. G.Srivishnu</li> <li>3. Balaharikrishnan M</li> <li>4. Ram Suraj K R</li> <li>5. Swathick Prasanna</li> <li>6. Pradeep M S</li> <li>7.Jayanth K S</li> </ol>	
17.	21.	Design Review Competition	<ol style="list-style-type: none"> <li>1. Nirmal Jeffrey B</li> <li>2.Jayanth K S</li> <li>3.Murugappan MR</li> <li>4.Gowtham Kumar</li> </ol>	<ol style="list-style-type: none"> <li>1. Pradeep M S</li> <li>2 .Jayanth K S</li> </ol>
18.	22.	Diagrammatic Reasoning	<ol style="list-style-type: none"> <li>1.Chendur Rakesh J</li> <li>2. Andrew kirubsingh</li> <li>3. Ragul Prasad M</li> </ol>	<ol style="list-style-type: none"> <li>1. N. Vignesh</li> <li>2. Nithun Raj</li> </ol>
19.	23.	How things works	<ol style="list-style-type: none"> <li>1. Naveenchandar S</li> <li>2. Naveen A</li> </ol>	<ol style="list-style-type: none"> <li>1. R. Manivasagan</li> </ol>
20.	24.	Process Planning	<ol style="list-style-type: none"> <li>1.Pradeep Kumar R</li> <li>2. Bharaneeswaran S</li> </ol>	<ol style="list-style-type: none"> <li>D. Ganesh Kumar</li> </ol>
21.	27.	Reverse Engineering	<ol style="list-style-type: none"> <li>1. R. Manivasagan</li> <li>2.M.Thirumalai Kumar</li> </ol>	<ol style="list-style-type: none"> <li>1. G. Srivishnu</li> <li>2. V. Dhanoordaran</li> </ol>
22.	28.	Threading and Taper Turning	<ol style="list-style-type: none"> <li>1.Naveen A</li> <li>2.Raj Kishore R</li> </ol>	<ol style="list-style-type: none"> <li>1. Naveenchandar S</li> </ol>
23.	29.	Work Holding	<ol style="list-style-type: none"> <li>1.Arun Prakash S</li> <li>2.V. Dhanoordaran</li> </ol>	<ol style="list-style-type: none"> <li>1. Naveen A</li> </ol>
24.	16.	Sheet Metal	<ol style="list-style-type: none"> <li>1.VetriVelan Alias Mithun S</li> <li>2.Deepak Chandru G</li> </ol>	<ol style="list-style-type: none"> <li>1.Chendur Rakesh J</li> <li>2. Andrew kirubsingh</li> <li>3. Ragul Prasad M</li> </ol>
25.	30.	Internet Of Things	<ol style="list-style-type: none"> <li>1.K. Deepika</li> <li>2.G. R. Saranya</li> </ol>	<ol style="list-style-type: none"> <li>1.Arun Prakash S</li> <li>2.V. Dhanoordaran</li> </ol>
26.	35.	Mobile App Development	<ol style="list-style-type: none"> <li>1.Jaishri J</li> <li>2.Kannal Mozhi M</li> </ol>	<ol style="list-style-type: none"> <li>1.K. Deepika</li> </ol>

**EVENT PHOTOS**









## External contest participation - team list / venue / title of the contest/Position won / Issues or Challenges faced/task completed

In this academic year 2017-18, our SAE Collegiate Club Racing Team PROMETHEANS has designed and fabricated an All Terrain Vehicle with generous financial support of Rs 8,00,000 from the management and continuous encouragement and guidance from the principal.

Prometheans participated in Enduro Student India (ESI) 2018 at Coimbatore during 4<sup>th</sup> Jan 2018 to 7<sup>th</sup> Jan 2018 and secured 30<sup>th</sup> rank out of 72 teams from all over India.





## ESI 2018 - Overall Result

Position	Team#	Team Name	Design	Cost	Sales	Overall statics	Acceleration	Manuverabili	Dirt-X	Overall Dynamics	Endurance	Total Score	Penalty	Overall Score
1	10	Team Jatayu	171.90	79.90	26.50	278.30	58.27	107.86	135.50	301.62	233.38	813.30	0.00	813.30
2	7	TEAM ASHWA3.0	123.20	95.31	32.00	250.51	55.08	103.42	146.35	304.86	253.13	808.50	0.00	808.50
3	2	Team Red Baron	147.00	96.88	45.00	288.88	60.14	25.30	141.14	226.58	281.25	796.71	0.00	796.71
4	104	Xcelerators	136.70	39.84	37.00	213.54	47.89	110.99	134.66	293.55	262.50	769.58	0.00	769.58
5	17	Team Helios Racing	119.60	98.44	61.00	279.04	55.87	86.38	135.15	277.40	206.25	762.69	0.00	762.69
6	81	Team VEERss Racing	126.80	45.39	36.50	208.69	57.52	38.10	150.00	245.63	290.63	744.95	0.00	744.95
7	25	TEAM JAABAZ	155.80	66.92	37.00	259.72	51.64	98.11	138.02	287.77	187.50	734.99	0.00	734.99
8	89	TEAM BRAHMASTRA RACING	113.40	100.00	37.50	250.90	50.51	38.10	138.56	227.17	253.13	731.20	0.00	731.20
9	12	Team Kshatriya	128.20	89.06	46.50	263.76	67.50	36.10	133.95	237.56	196.88	698.20	0.00	698.20
10	109	TSI	175.00	64.06	66.00	305.06	44.15	36.10	141.29	221.54	160.00	686.60	0.00	686.60
11	87	DJS KRONOS INDIA	153.00	77.39	64.50	294.89	35.47	115.21	130.97	281.66	100.00	676.55	0.00	676.55
12	69	The RoadRunners	151.40	74.47	44.50	270.37	43.93	73.95	119.53	237.41	160.00	667.78	0.00	667.78
13	20	PHOENIX RACING	137.60	76.39	35.00	248.99	58.05	38.10	121.48	217.63	206.25	672.88	20.00	652.88
14	51	Team INVINCIBLES IITP	108.90	87.50	37.50	233.90	34.86	33.10	92.06	160.03	243.00	636.93	0.00	636.93
15	54	The Conrods Off-Road Racing	165.60	93.75	63.00	322.35	56.22	97.71	119.16	273.09	20.00	615.44	0.00	615.44
16	39	PSI Racing	144.50	70.61	41.50	256.61	75.00	38.10	138.20	251.30	150.00	657.92	50.00	607.92
17	16	JUGGERNAUT RACING	110.60	49.32	32.00	191.92	45.71	24.30	70.03	140.05	271.88	603.85	0.00	603.85
18	45	KNIGHT FURY	91.40	85.94	37.50	214.84	42.05	25.30	134.05	201.41	178.13	594.37	0.00	594.37
19	22	TEAM MANIPAL RACING	145.80	84.38	64.00	294.18	66.98	38.10	128.12	233.21	60.00	587.38	0.00	587.38
20	11	Team Sparkx	162.40	67.07	36.00	265.47	53.82	125.00	129.30	308.12	10.00	583.60	0.00	583.60
21	91	LDCE MOTORSPORTS	116.20	69.65	28.00	213.85	69.16	38.10	126.66	233.92	70.00	517.78	0.00	517.78
22	46	IITH Racing	116.90	49.75	35.00	201.65	32.95	63.71	103.74	200.39	110.00	512.05	0.00	512.05
23	50	RedShift Racing India	168.70	47.66	30.50	246.86	38.79	24.30	131.48	194.57	70.00	511.43	0.00	511.43
24	98	Team Racing Pioneers	88.80	72.48	36.00	197.28	43.58	38.10	137.97	219.65	60.00	476.94	0.00	476.94
25	19	Team ABADHA CRCE	125.00	70.91	42.50	238.41	53.65	35.10	134.37	223.12	10.00	471.53	0.00	471.53
26	88	BAJA BHAIS	122.70	47.18	42.50	212.38	52.12	102.05	0.00	154.17	160.00	526.55	70.00	456.55
27	108	Team Transryderz Racing	135.30	45.21	42.00	222.51	25.93	37.10	129.63	192.66	0.00	415.18	0.00	415.18
28	18	Team Blitzkrieg	83.50	47.18	37.00	167.68	0.00	38.10	109.03	147.13	100.00	414.82	30.00	384.82
29	78	Team Niyudrath	129.40	57.45	26.00	212.85	63.93	0.00	93.13	157.06	0.00	369.91	0.00	369.91
30	223	PROMETHEANS	120.60	48.33	26.50	195.43	60.18	71.75	82.18	214.12	168.75	578.30	210.00	368.30
31	86	CEG Motorsports	128.80	90.63	32.00	251.43	54.56	36.10	0.00	90.67	20.00	362.09	0.00	362.09

## Report on Mega ATV 2018 –RACING contest Participation by Prometheans

Our SAE Collegiate club, All Terrain Vehicle (ATV) Team PROMETHEANS participated in Mega ATV Championship 2018 held at Nashik, Maharashtra during 24<sup>th</sup> to 26<sup>th</sup> Feb 2018. 66 Team from all over the country participated and following is the result of Prometheans in the contest.

Sl.No	Name of the Event	Date	Result
1	Technical Inspection and Brake Test	24.02.18	Cleared
2	Drag Race	25.02.18	5 <sup>th</sup> Place
3	Flat Dirt Race		1 <sup>st</sup> Place Cash award Rs 30,000
4	Armageddon	26.02.18	3 <sup>rd</sup> Place
5	Endurance		9 <sup>th</sup> Place

**Overall Ranking: 2<sup>nd</sup> Place (1<sup>st</sup> Runner)**

**Shield with cash award of Rs 50,000 to the Team**

### **Team List of Mega ATV 2018 participants**

SL NO.	NAME	STREAM/BRANCH	YEAR OF STUDY
1	DEVIPRASANTH P	B.E/MECHANICAL	4 <sup>th</sup> YEAR
2	RAM SURAJ K R	B.E/MECHANICAL	4 <sup>th</sup> YEAR
3	BALAHARIKRISHNAN M	B.E/MECHANICAL	4 <sup>th</sup> YEAR
4	PRADEEP M S	B.E/MECHANICAL	4 <sup>th</sup> YEAR
5	ARAVIND G	B.E/MECHATRONICS	4 <sup>th</sup> YEAR
6	ARUN KUMAR P	B.E/MECHANICAL	4 <sup>th</sup> YEAR
7	MANIVASAGAN R	B.E/MECHANICAL	4 <sup>th</sup> YEAR
8	SRI VISHNU GANESH	B.E/MECHANICAL	4 <sup>th</sup> YEAR
9	GOKULA KRISHNAN V	B.E/MECHANICAL	4 <sup>th</sup> YEAR
10	NATARAJ C K	B.E/MECHANICAL	4 <sup>th</sup> YEAR
11	GANESHKUMAR D	B.E/ MECHATRONICS	4 <sup>th</sup> YEAR
12	JAYANTH K S	B.E/MECHANICAL	4 <sup>th</sup> YEAR
13	SWATHIK PRASANNA T	B.E/MECHANICAL	4 <sup>th</sup> YEAR
14	JYOTHI KANNAN M	B.E/EEE	4 <sup>th</sup> YEAR
15	AJITH KUMAR	B.E/EEE	4 <sup>th</sup> YEAR
16	ARUN PRAKASH S	B.E/MECHANICAL	3 <sup>rd</sup> YEAR
17	NAVEEN A	B.E/MECHANICAL	3 <sup>rd</sup> YEAR
18	RAGUL PRASAD M	B.E/MECHANICAL	3 <sup>rd</sup> YEAR
19	CHENDUR RAKESH J	B.E/ MECHATRONICS	3 <sup>rd</sup> YEAR
20	ANDREW KIRUBSINGH	B.E/ MECHATRONICS	3 <sup>rd</sup> YEAR
21	PREAM KUMAR R N	B.E/MECHANICAL	3 <sup>rd</sup> YEAR
22	DHANOORDHARAN V	B.E/MECHANICAL	3 <sup>rd</sup> YEAR
23	RAJKISHORE R	B.E/MECHANICAL	3 <sup>rd</sup> YEAR
24	ARUN KUMAR S	B.E/MECHANICAL	2 <sup>nd</sup> YEAR
25	JAYASURYA R S	B.E/EEE	2 <sup>nd</sup> YEAR
26	GAUTHAM KUMAR S	B.E/EEE	2 <sup>nd</sup> YEAR
27	MADUBALAN J	B.E/ MECHATRONICS	2 <sup>nd</sup> YEAR
28	IVAN SAM SANTHOSAM	B.E/MECHANICAL	2 <sup>nd</sup> YEAR
29	DEEPAK CHANDRU	B.E/MECHANICAL	2 <sup>nd</sup> YEAR

## OVERALL WINNERS

- 1. OVERALL EVENT WINNER-**  
TEAM NAME: Team SparkX , CAR NO: 97  
COLLEGE NAME: Silver Oak College of Engineering and Technology , ADDRESS: Ahmedabad
- 2. OVERALL EVENT RUNNER UP-**  
TEAM NAME: PROMETHEANS , CAR NO: 32  
COLLEGE NAME: THIAGARAJAR COLLEGE OF ENGINEERING , ADDRESS: Madurai
- 3. OVERALL EVENT SECOND RUNNER UP-**  
TEAM NAME: Team Brahmastra Racing , CAR NO: 40  
COLLEGE NAME: K. K. Wagh Institute of Engineering Education and Research ,  
ADDRESS: Nashik

### RANK LIST\*

Pos	Car No	Team Name	College Name
1	97	Team SparkX	Silver Oak College of Engineering and Technology
2	32	PROMETHEANS	THIAGARAJAR COLLEGE OF ENGINEERING
3	40	Team Brahmastra Racing	K. K. Wagh Institute of Engineering Education and Research
4	7	Team Jatayu	Maharaja Agrasen Institute of Technology
5	17	Team Advaita	Jawaharlal Darda Institute Of Engineering And Technology
6	27	Resonance Racing	A.I.S.S.M.S College of Engineering, Pune
7	11	Team ASTRA	College Of Engineering Adoor
8	8	TEAM BLACKHAWKS	L.J. Institute of Engineering and Technology
9	35	Invader	Marathwada Mitra Mandals Institute Of Technology
10	44	TEAM SHADOW RID3RS	Institute Of Technology and Management Universe,Vadodara

Registration for 4<sup>th</sup> season of Mega ATV Championship will starts from 2<sup>nd</sup> April-2018, 11:00 Hrs. onwards

The venue for the event is GOA

Dates: March, 2019

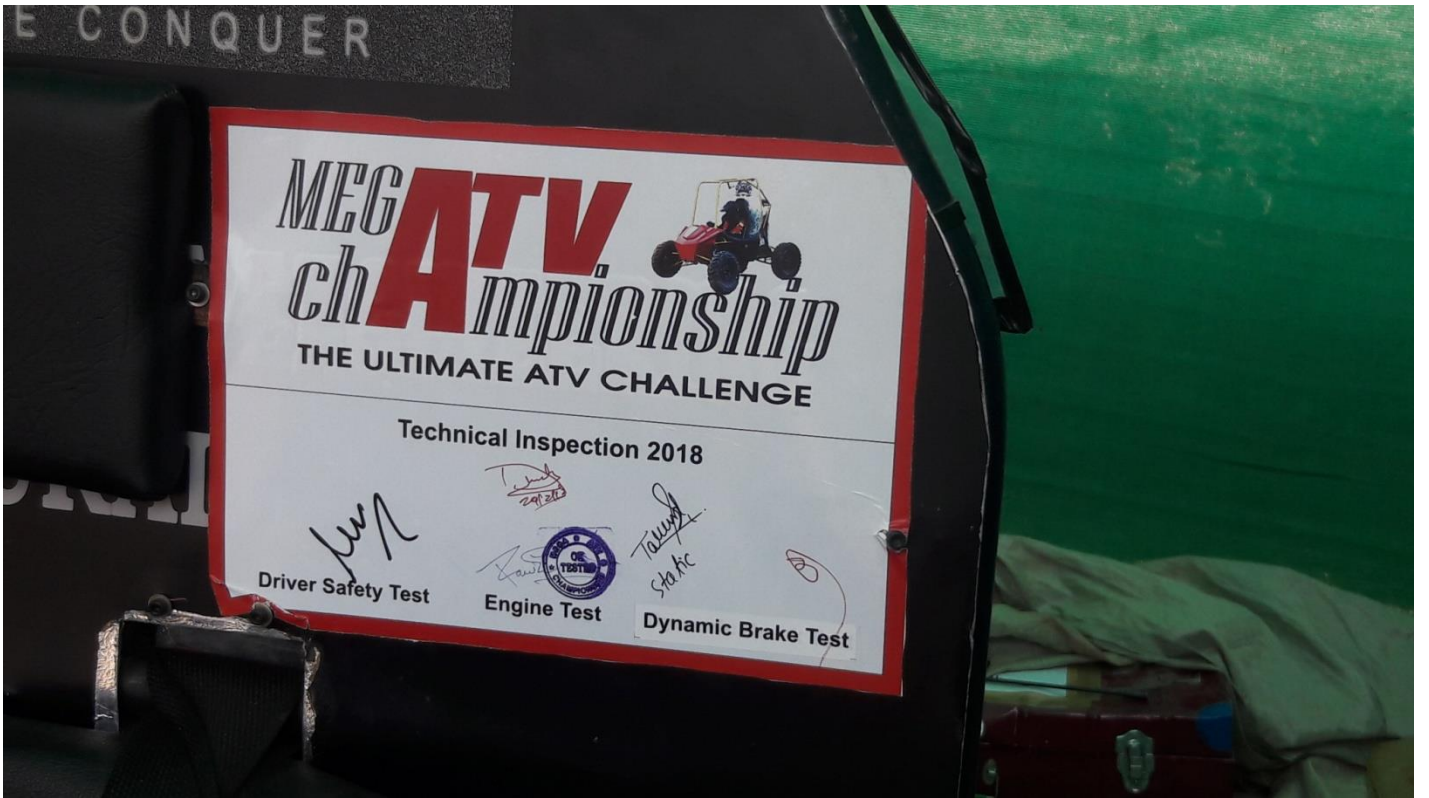
[www.atvchampionship.com](http://www.atvchampionship.com) , [mail@autosportsindia.com](mailto:mail@autosportsindia.com)

## Event Photos











## Budget sanctioned and Expenditure made



**THIAGARAJAR COLLEGE OF ENGINEERING, MADURAI – 625 015**  
(A Govt. aided, ISO 9001:2008 certified, Autonomous Institution Affiliated to Anna University)

### Department of Mechanical Engineering

Ref: TCE/MED/PROMETHEANS 2018/Approval/2018/01 /1720

30.08.2017

#### Submitted to the Chairman & Correspondent

Respected Sir,

**PROMETHEANS**, All-terrain Vehicle team of our college SAE club had participated in two ATV Design and Fabrication contests (Enduro Student India & SAE BAJA) last year. In **Enduro Student India 2017**, they secured 49<sup>th</sup> overall rank out of 79 teams. In **BAJA SAE INDIA 2017**, our team attained 60<sup>th</sup> position out of 149 teams that participated in the contest.

In the current academic year, a new team has been formed to perform with the target of reaching greater heights than the last year. The present team **cleared** the preliminary test to take part in **Enduro Student India, 2018** but failed to clear the virtual round of **BAJA SAEINDIA 2018**. In order have a good learning and to maintain the team's morale they have decided to participate in another similar event, **MEGA ATV CHAMPIONSHIP** organized by Autosport India Ltd.

It is estimated that a sum of **Rs 8,09,000** (Rs Eight Lakh and Nine Thousand rupees) is required for participating in the above said contests. Hence, I request you to grant permission to carry out the fabrication work and sanction the amount for the same under **TEQIP** head of account.

Thanking you,

Yours Sincerely,  
V. Perintha  
PRINCIPAL

Encl: 1. Details of Budget Requirements

### Fabrication of BAT during the academic year 2017-18

Sl.No	Item Name	Amount Sanctioned	Amount(Rs) Received from	
			TEQIP	Management
1	Brake disc	Rs: 8,09,000	22,774.00	
2	ESI Reg FEE		80,500.00	
3	Mega ATV Phase-I fee		30,000.00	
4	PS1 Caliper		42,959.00	
5	AISI 4130 Tubes		49,504.00	
6	CVT			1,66,017.00
7	Customs charge for CVT			72,714.68
8	Engine & Spares			80,515.00
9	Drivers Kit			38,918.40
10	Wheels and Tyres			99,947.00
11	Gear Box			1,08,800.00
12	Rack and Pinion			15,998.82
13	Al 7075 Billet for Knuckle & Hub			37,216.02
14	Knuckle & hub Manufacturing			39,884.00
		Sub Total	<b>5,27,582.84</b>	<b>3,58,164.68</b>
		Grand Total	<b>8,85,747.52</b>	

**Total Amount Sanctioned Rs 8,09,000 + Rs 1,23,000\* = Rs 9,32,000**

\*amount sanctioned for GOKART Racing contest

A team of students are going to take part in **BHARTH FORMULA KARTING (GO-KART)** an India's biggest Students Karting Championship. The Karting event is going to be held during 2<sup>nd</sup> - 4<sup>th</sup> August 2018 at Coimbatore Kari Motor Speedway, Formula 3 Racing Circuits. The college management has sanctioned an amount of **Rs 1,23,000** towards the fabrication of the vehicle.



**THIAGARAJAR COLLEGE OF ENGINEERING, MADURAI - 625 015**  
(A Govt. aided, ISO 9001:2008 certified, Autonomous Institution Affiliated to Anna University)

**Department of Mechanical Engineering**

Ref: TCE/MED/BFKCT/Approval/2018/01/2545

23.02.2018

Submitted to the Chairman & Correspondent

Respected Sir,

**PROMETHEANS**, All-terrain Vehicle team of our college SAE collegiate club had participated in two events Enduro Student India (ESI)-2017 & BAJA SAE INDIA 2017 in the last year and ESI 2018 in this year. With the generous financial support and guidance from the management, they showed a continuous improvement in their performance and are striving to achieve the top position in future.

Another team of students are interested to take part in **BHARTH FORMULA KARTING (GO-KART)** an India's biggest Students Karting Championship. The Karting event is going to be held during 2<sup>nd</sup> - 4<sup>th</sup> August 2018 at Coimbatore Kari Motor Speedway, Formula 3 Racing Circuits. Approximate cost for fabrication of vehicle and registration in the event is **Rs 1,23,000**. Hence, permission may please be granted to participate in the event mentioned above and it is also requested to support financially for the fabrication of Go-Kart.

Thanking You,

*Yes*  
*M*  
*2/3*

Yours Sincerely,

*V. Jagan Kumar*

**Principal**

*JG*

Encl.: 1. Budget Estimate.

*23/2/18*