

**DEPARTMENT OF MECHANICAL ENGINEERING,
R.V.R & J.C. COLLEGE OF ENGINEERING, CHOWDAVARAM, GUNTUR – 522019
DETAILS OF STUDENT PROJECTS LIKE, DELTA SHOOT OUT, GOKART CHAMPIONSHIP, BAJA STUDENT, E-BAJA etc.,.**

S.No	Event Name and place	Organizers	Date	Total expenditure (Rupees)	Sponsored by the college (Rupees)	Sponsored by the Industries (Rupees)	Prize
1	Delta shoot out, NIT Jamshedpur	Delta Inc.	2013-2014 (22 nd -24 th January, 2014)	5,00,000	1,50,000	50,000 (pioneer automobiles) 10,000 (JAYA LAK MOTORS)	Acceleration test (40,000)
2	NGKC-2014 National Gokart Championship , Kari Motor speed way. Coimbatore	Indian Society of New Era Engineers (ISNEE)	2013-2014 (17 th -19 th , October, 2014)	1,30,000	12,600	College provided own vehicle for transportation	-----
3	BAJA STUDENT INDIA, 2015, NIT Jamshedpur, Jarkhand	Delta	2014-2015 (5 th to 11 th January, 2015)	8,50,000	5,00,000	1,00,000 (Amar Raja Batteries)	
4	E-BAJA, Natrax Indore.	SAE India	2014-2015 (20 th -22 nd February 2015)				E-BAJA Initiative award 1 st Prize of Rs.60,000/-
5	QUAD TORC- 2015, Camp wild, Dhauj (Haryana India)	Indian Society of New Era Engineers (ISNEE)	2014-2015 (1 st to 4 th August,	2, 50, 000			

			2015)				
6	E-BAJA, Natrax Indore.	SAE India	2015-2016 (18 th -22 nd February 2016)	4,10,000	2,15,000 +55,000 (Transport)		
7	QUAD TORC		2015-2016, 27 th to 30 th August 2016)	2,50,000			
8	ISIE-HVC 2016, RPM International Racing Circuit	Imperial Society of Innovative Engineers (ISIE)	2015-2016 (24 th -26 th January, 2016)	2,85,000	70,000	-----	Runner up award for Skid Pad round
9	E-BAJA, Natrax Indore.	SAE India	2016-2017	5,30,000	1,80,000	1,00,000 (ITC)	
10	ISIE HVC-2017, Buddh International Circuit, Greater Noida	Imperial Society of Innovative Engineers (ISIE)	2016-2017 Feb 16 to 19,2017	4,25,000	1,95,000		
11	GOKART DESIGN CHALLENGE 2016, Kari Motor speed way. Coimbatore	Indian Society of New Era Engineers (ISNEE)	2016-2017 (14 th - 17 th , January, 2017)	2,00,000	45,000		
12	FORMULA KART, DESIGN CHALLENGE,MECOKA RTPIO,	FRATERNITY OF MECHANICAL & AUTOMOBILE ENGINEERS(FMAE)	2016-17 20-23 rd MARCH-2017	1,50,000	46,000		

	BANGLORE						
13	Quad Bike design challenge	FRATERNITY OF MECHANICAL & AUTOMOBILE ENGINEERS(FMAE	2016-2017 21-24 th July 2017	2,00,000	20,000		
14	Student Kart design challenge, Gurramguda, Hyderabad	Society of Mechanical and automotive Engineers (SAME)	2017-2018 3 rd -6 th Januar, 2018	1,20,000	20,000		First in Endurance, Overall third
15	Hybrid Vehicle Challenge-2018, BIC Noida	Imperial Society of Innovative Engineers (ISIE)	2017-2018 17 th to 21 st January, 2018	4,40,000	30,000		Runner up in endurance and overall fourth
16	E-BAJA, Natrax Indore	SAE India	2017-18 25 th to 28 th January	9,00,000	5,50,000		Overall fourth place
17	GOKART DESIGN CHALLENGE 2017, Kari Motor speed way. Coimbatore	Indian Society of New Era Engineers (ISNEE)	2017-18 12 th to 16 th February 2018		46,237		Overall third place
18	FORMULA KART, DESIGN CHALLENGE, MECOKARTPIO, BANGLORE	FRATERNITY OF MECHANICAL & AUTOMOBILE ENGINEERS (FMAE)	16 th to 19 th March 2018	50,000	30,000		Endurance 2 nd place and overall third place.
19	Formula imperial - 2019, BIC Noida.	Imperial Society of Innovative Engineers (ISIE)	6 th to 10 th February -2019	5,00,000	2,80,000		Runner up (all over India, Prize money, Rs.85,000

20	Formula Imperial electrical vehicle Champion of champions-2019,	APSSDC and Imperial Society of Innovative Engineers (ISIE)	22 nd to 24 th February-2019	DO	20,000		Second runner up, Rs.20,000/-
21	Quad bike design challenge 2018, Hyderabad, motor sports 56	FRATERNITY OF MECHANICAL & AUTOMOBILE ENGINEERS (FMAE)	21 st -26 th July 2018	4,50,000	60,000		
22	QUAD TORC-2018, Bijnor, UP	Indian society of new era engineers	26 th September to 1 st October 2018	DO extra 50,000	73,000		
23	BAJA 2019, E-BAJA, Natrax Indore.	SAE	22 nd to 29 th January-2019	9,00,000	5,00,000		
24	ATV, electrical 2019,	APSSDC and Imperial Society of Innovative Engineers (ISIE)	22 nd to 24 th February-2019	DO			
25	Gokart	APSSDC and Imperial Society of Innovative Engineers (ISIE)	22 nd to 24 th February-2019	2,00,000		1,00,000	Overall champions with prize money of Rs.1,00,000/-

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2015-2016					
Discipline	Level	Product name	No. of products manufactured	Per unit cost of the product (Rs)	Total revenue generated in rupees
Mechanical Engineering	customized	Electrical Vehicle for competition organized by SAE India	one	7,50,000	
Mechanical Engineering	customized	QUAD BIKE for competition organized by Indian Society of New Era Engineers (ISNEE)	one	2.50.000	
Mechanical Engineering	customized	Hybrid Vehicle organized by ,ISIE-HVC 2016, RPM International Racing Circuit	one	2,85,000	
2016-2017					
Mechanical Engineering	customized	Electrical Vehicle for competition organized by SAE India	one	5,30,000	
Mechanical Engineering	customized	Hybrid Vehicle organized by ,ISIE-HVC 2017, RPM International Racing Circuit	one	4,25,000	
Mechanical Engineering	customized	GOKART vehicle, GOKART DESIGN CHALLENGE 2016, Kari Motor speed way. Coimbatore	one	2,50,000	
Mechanical Engineering	customized	FORMULA KART, DESIGN CHALLENGE,MECOKARTPIO, BANGLORE	one	2,25,000	

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DETAILS OF STUDENT PROJECTS LIKE, DELTA SHOOT OUT, GOKART CHAMPIONSHIP, BAJA STUDENT, E-BAJA etc., DURING THE YEAR 2018-19

Sl. No	Event Name and place	Organizers	Date	Total expenditure (Rupees)	Sponsored by the college (Rupees)	Sponsored by the Industries (Rupees)	Prize
1.	Formula imperial - 2019, BIC Noida.	Imperial Society of Innovative Engineers (ISIE)	6 th to 10 th February - 2019	5,00,000/-	2,80,000		Runner up (all over India, Prize money, Rs.85,000
2.	Formula Imperial electrical vehicle Champion of champions-2019,	APSSDC and Imperial Society of Innovative Engineers (ISIE)	22 nd to 24 th February- 2019	Same Vehicle	20,000		Second runner up, Rs. 20,000
3.	Quad bike design challenge 2018, Hyderabad, motor sports 56	FRATERNITY OF MECHANICAL & AUTOMOBILE ENGINEERS (FMAE)	21 st -26 th July 2018	4,50,000/-	60,000		
4.	QUAD TORC-2018, Bijnor, UP	Indian society of new era engineers	26 th September to 1 st October 2018	DO extra 50,000	73,000		
5.	BAJA 2019, E-BAJA, Natrax Indore.	SAE	22 nd to 29 th January- 2019	9,00,000	5,00,000		
6.	ATV, electrical 2019,	APSSDC and Imperial Society of Innovative Engineers (ISIE)	22 nd to 24 th February- 2019	DO			
7.	Gokart	APSSDC and Imperial Society of Innovative Engineers (ISIE)	22 nd to 24 th February- 2019	2,00,000		1,00,000	Overall champions with prize money of Rs.1,00,000

