 **TENTATIVE EVENTS PROPOSED - Mechanical**

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| **S.**  **NO** | **EVENT**  **NAME** | **REGN FEE** | **TOTAL**  **REGISTRATIONS** | **TOTAL**  **AMO**  **UNT FROM REGNS** | **OTHER COSTS** | | **PRIZE MONEY** | | **TOTAL AMOUNT** | **BUDGET EXPECTED** |
| **ITEMS** | **PRI**  **CE** | **1ST** | **2ND** |
| 1 | GO-KART | 12000 | 10 | **1,20,000** | TRACK | **1,50,000** | **1,00,000** | **50,000** | 4,15,000 | **2,95,000** |
| JUDGES | **80,000** |
| ACCESSORIES | **10,000** |
| TRAVEL CHARGE | **25,000** |
| 2 | AEROTHON | 3000 | 10 | **30,000** | RUNWAY | **10,000** | **20,000** | **NA** | 35,000 | **5000** |
| FLAGS+POLES | **5000** |
| 3 | RC -BOATING | 1500 | 20 | **30,000** | POOL | **30,000** | **10,000** | **7,000** | 52,000 | **22,000** |
| TRACK | **5,000** |
| 4 | LIFE CYCLE ANALYSIS | 2,000 | 10 | **20,000** | MISLINEOUS | **5,000** | **6,000** | **3,000** | 14,000 | 6,000 |
| 5 | ROBOTICS & CNC (W) | 300 | 30 | **9,000** | NA | NA | NA | NA | NA | 9,000 |
| 6 | 3D PRINTING(W) | 300 | 30 | **9,000** | NA | NA | NA | NA | NA | 9000 |
|  |  |  | **TOTAL REGD.**  **FEE** | **2,18,000** | TOTAL OTHER COST | **3,20,000** | TOTAL PRIZE MONEY | **1,96,000** |  | **2,98,000** |
| **ALUMNI INTERACTION** | | | | * **YES/NO** | | **Mr.Nikhil (2022 Relieved batch)** | | | | |  |  |  |

**EVENT NAME**: **GO-KART**

**TEAM & Size**: 15 teams each team consists of 12 participants

**EVENT COORDINATORS:-**

D.BHARATH(3rdA), G.CHANDU(3rdA), D.ANUPAMA(3rdA), A.Rakesh (3rdA), M.ADITYA(3rdB), G.YAMUNA(3rdB), V.SATYENDRA(3rdC), P.ANIL Kumar(3rdB) .

**BUDGET PROPOSED:** 4,15,000

**TARGETED PARTICIPANTS** :-

MECH, AUTOMOTIVES,ECE,EEE,CIVIL

**DESCRIPTION:**

Go-Kart is the one of the flagship events conducted in STEPCONE of GMRIT.It’s a racing event with the karts manufactured by the students from various colleges across India.They are usually raced on scaled down circuits or tracks.

**EVENT NAME**: AEROTHON

**TEAM & Size**: 10 teams each team consists of 5 participants

**EVENT COORDINATORS:-**

G.MANDEEP(3rdB), G.ROHITH(3rdB) ,G. Sri HARSHA(3rdB), B.PAVAN Kumar(3rdB), P.YESU(3rdC), G.PRASANNA(3rdB), T.LAILA(3rdC) .

**BUDGET PROPOSED:-** 35,000

**TARGETED PARTICIPANTS :-**

MECH, AUTOMOTIVES, ECE, EEE, CIVIL, IT, CSE

**DESCRIPTION:**

Aerothon is the activity involving design, development and flying of small air vehicles. It is a very exciting and interesting way to learn, apply and understand science and engineering principles.  Although Aero modeling looks like a lot of Aerospace/ Aeronautical engineering topic, it involves a lot of interdisciplinary concepts from from various streams of engineering - primarily Aerospace/ Aeronautical, Mechanical, Electronics, Electrical and Computer Science.

**EVENT NAME**: RC-BOATING

**TEAM & Size** : 20 teams each team consists of 5 participants

**EVENT COORDINATORS:-**

B.AJAY(3rdA), S.LAHARI(3rdC), B.AJAY(3rdA), G.SWATHI(3rdB), V.RANI(3rdC), CH.BHASKAR(3rdA), V.Charan Karthik (3rd C)

**BUDGET PROPOSED :**- 52,000

**TARGETED PARTICIPANTS** :-

MECH, AUTOMOTIVES, ECE, EEE, CIVIL, IT, CSE

**DESCRIPTION:**

Design and fabricate a remote controller boat and race it on an unforgiving water track with difficulties and barriers you haven’t faced before , compete with other boats to win the one of a kind race Need for Speed Aqua.

**EVENT NAME**: LIFE CYCLE ANALYSIS &ASSESMENT

**INDIVIDUAL**: 10 Teams each team consists of 3-4 participants.

**EVENT COORDINATORS:-**

D.ARAVIND(3rdA), A.CHANDANA(3rdA), G.HARISREE(3rdA), V.SATYA PASANNAM(3rdC), B.Akash(3rd A)

**BUDGET REQUIRED :-** 14,000

**TARGETED PARTICIPANTS** –

MECH, AUTOMOTIVES,ECE,EEE,CIVIL,BSH

**DESCRIPTION:**

This unique workshop will provide attendees an overall view of the basic concepts in  the fundamental principles of environmental life cycle analysis (LCA) for a product or service. Students will use a hands-on approach to  use accepted methodologies and commercial software tools to complete an environmental LCA. This workshop will allow students to gain the skills required to perform product and process life cycle assessments using accepted methods and tools.

**EVENT NAME**: ROBOTICS AND CNC

**INDIVIDUAL**: 40 participants

**EVENT COORDINATORS:-**

D.JAYARAM(3rdA), E.SAI KUMAR(3rdA), B.BHARADWAJ(3rdA), S.SAI PRASAD(3rdC), B.SHIVA(3rdA), S.Harsha(3rd C)

**BUDGET REQUIRED :** N/A

**TARGETED PARTICIPANTS** –

MECH, AUTOMOTIVES, ECE, EEE,CIVIL, BSH

**DESCRIPTION:**

Computer Numerical Control (CNC) machining is a manufacturing process in which pre-programmed computer software dictates the movement of factory tools and machinery. The process can be used to control a range of complex machinery, from grinders and lathes to mills and CNC routers.

**EVENT NAME**: 3D PRINTING

**INDIVIDUAL**: 50 participants

**EVENT COORDINATORS:-** CH.DEEPIKA(3rdA), P.NAVYA SRI(3rdC), R.JASHWANTH(3rd C).

**BUDGET REQUIRED :** N/A

**TARGETED PARTICIPANTS** :-

MECH, AUTOMOTIVES, ECE, EEE, CIVIL, BSH

**DESCRIPTION:**

The term ‘3D printing’ covers numerous processes and techniques that offer a wide spectrum of capabilities for the production of parts and products in different materials**.** The different types and processes of 3D Printing, how do they work, and what are their uses and benefits in the current market.

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