

# STUDENTS ACHIEVEMENTS IN DEPARTMENT OF MECHNAICAL ENGINEERING

## Details of Patents:

### CAY 2022-23

Student Name	Title of Patent	Detail	Month and Year
Suraj R, Monika Raj M R and Dheeraj N U	Design grant-“Touch KIOSK”	IPR: 362874-001	September 2022

### CAYm1 2021-22

Student Name	Title of Patent	Detail	Month and Year
Samrat and Dhruthi	With solar water boiling system increase thermo electric capacity	IPR: 202141043279	05/11/2021
Basavanna S and Shashank T N	A systematic approach to improve the resin property through ceramic coating	IPR: 202141057194	04/02/2022
Talluri Nikhil	Construction of cheap verbalized robotic hand for specific adherence	IPR: 202141043085	05/11/2021

## Participation in inter-institute events by students of the program of study

The students of Department of Mechanical Engineering have been participated in different events/curricular/co-curricular/extra-curricular activities within/outside the college/University to exhibit their expertise/talents. Tables 4.5.3.1 to 4.5.3.4 show the list of student's participation in such activities.

### IN CAY (2022-23):

**Table 4.5.3.1: Events Participated by the Students in 2022-23**

Name of Student (s) Participated	Name of the Events	Organiser	Date	Awards
Mano M, Lishaan V Banger, Mallesh M M, Maheshwar S, Likith R, Pranav Rao K A, Rakshith Kumar P, Shreyas	National level --  9 <sup>th</sup> GO Kart Design Challenge – CV Category	ISNEE Motorsports Private Limited At Aruani Grid Bangalore, Karnataka India	22 – 25 August 2022	Participated

K R, Vikas J, Vinay M R, Bharath P, Dev Chand H S, Karthik B P, (Mentor: Mr. Pavan K N)				
Veeresh K S, Dheeraj N U, Srinivas M, (Mentors: Dr. Srinivas M R and Dr. Sadashiva M)	National level -- Smart India Hackathon 2022,	Nodal Centre at Arya Institute of Engineering and Technology, Jaipur, India	25-29 August 2022	Participate d
M S Devika and Harshitha N	Table Tennis(Women)- VTU Mysuru Division Championshi p 2022-2023	VidyaVardhakaColleg e of Engineering, Mysuru	3 <sup>rd</sup> and 4 <sup>th</sup> Novembe r 2022	Winner
Arun ReddyK and ThilakGowda.G	“Badminton Men”, VTU Mysore Zone Competition	VidyaVardhakaColleg e of Engineering, Mysuru	3 <sup>rd</sup> and 4 <sup>th</sup> Novembe r 2022	Runner-up
Vijay Kumar R, Akhsay H, Pavan K V, Krithik T V, Pratham L, Candan R, Giridara K C, Abhisek B, Sowndarya K J, Anusree P, Vikas C M, Ranjith, and Vaishnavi M	TECH SUMMIT	Deartment of Electronics, IT, BT and S&T, Government of Karnataka and Software Technology Parks of India, Bengaluru.	16-19 Novembe r 2022	Participate d
Aryan Kumar Sathnur	Basket Ball (Men) - VTU Mysore Zone competition	NIE, Mysore	28 <sup>th</sup> and 29 <sup>th</sup> November 2022	Runner-up
Bharath S, Sreyas R, Shiva M P and ManojAthreya R (Mentors: Mr. Siddesh and Mr. Harsith Kumar)	UNLEASH India Global Innovation Lab 2022	Unleash, Mysuru	2022	Participate d

Harish D	Chess (Men) - VTU Rest of Bangalore Division Chess Championship 2022-2023	VTU Regional Centre, Mysuru	1 <sup>st</sup> and 2 <sup>nd</sup> December 2022	4th Position
Yashal L	Football (Men) VTU Mysore Division Championship – 2022-2023	PESCE, Mandya	3 <sup>rd</sup> & 4 <sup>th</sup> December 2022	Winner
M S Devika and Harshitha N	Volleyball (Women) - VTU State Level Volleyball (W) Championship – 2022-2023 PESCE, Mandya on 3 <sup>rd</sup> & 4 <sup>th</sup> December	PESCE, Mandya	3 <sup>rd</sup> & 4 <sup>th</sup> December 2022	Winner
Alwin T Varghese	Hacherrut-22	Vidyavardhaka College of Engineering, Mysuru,	16-17 December 2022	Participated
Vikas C M	Project Review Meet	Sir M Visvesvaraya Institute of Technology Bengaluru.	17 December 2022	Participated
Punith. L	Represented the University Cricket (Men) Team in the South Zone Inter University National Championship – 2022-2023	REVA University Bangalore from	20th February to 3rd March 2023.	Participated
Vikas C M, Ranith, and Vandana M (Mentor: Mr. Siddesh)	Anveshana 2023 Business Pitch Competition (Portable Coffee Harvester)	Agastya International Foundation	2–4 March 2023	5 <sup>th</sup> Prize
Hruthvik M M, N Karthik, Ullas M K, Aryan Kumar Sathnur	Handball (Men) - VTU Inter Collegiate State Level Handball (MEN) Championship – 2022-2023	Brindavan College of Engineering, Bangalore	13 <sup>th</sup> March, 2023.	Winner

Mohammed Saqline, Punith L, Vikas J, Ravikumar B V and Mahadevaswamy K S	Cricket (Men) - Mysuru Division Cricket (Men) Championship 2022-23	PESCE, Mandya	13 <sup>th</sup> & 14 <sup>th</sup> March, 2023.	Runner-up
Gowtham G, Vishalkumar B N	Kho-Kho (Men) - the VTU State Level Inter Zone Inter Collegiate Kho-Kho Championship 2022 - 23.	KIT, Thiptur	24 - 25 March 2023	Runner-up
Alwin T Varghese	XROS Fellowship Program	Initiative of FICCI and supported by Meta	April 2023	Selected for fellowship with stipend of Rs. 4 Lakhs
Rahul C S, GourabSamajdar, Pavan S and Nikitha B H (Dr. Sadashiva M)	State Level Student Project Exhibition and Competition (SPEC2023)	Department of Mechanical Engineering and Department of Robotics and Artificial Intellegence, Bengaluru Institute of Technology, Bengaluru, Karnataka.	8 <sup>th</sup> May 2023	Participate d

#### IN CAYm1 (2021-22):

**Table 4.5.3.2: Events Participated by the Students in 2021-22**

<b>Name of Student(s) Participated</b>	<b>Name of the Events</b>	<b>Organiser</b>	<b>Date</b>	<b>Awards</b>
Shivakumar K N and Manohar M R	“Volleyball Men”VTU Mysore Zone Competition	MIT, Mysuru	8-9 December 2021	Runner-up
Sukhi D. K	“Judo”-VTU State Level Inter	KLS VDIT,	16-17 December,	Secured

	collegiate competition	Haliyal	2021	3 <sup>rd</sup> Place
Arun ReddyK and ThilakGowda.G	“Badminton Men”, VTU Mysore Zone Competition	VidyaVardhakaC ollege of Engineering, Mysuru	17 <sup>th</sup> and 19 <sup>th</sup> Novembe r 2021	Runner-up
Vinay Prasad and Aryan Kumar Sathnur	South Zone Inter-University Basketball Competition	Christ University, Bangalore on	30 <sup>th</sup> Decembe r 2021 To 4 <sup>th</sup> January 2022	Championship
Chandan Gowda B, Omkar G Banakar, Aditya S A, PoornaChandra R, Amruth C M, Govardan H R, PrashanthNayak K S, Rohan S, Rakshith Kumar G S, Mallesh M M, Pranav Rao K A, M Yunus Sheikh, Karthikareddy G (Mentor: Pavan K N)	6 <sup>th</sup> Season of Indian Karting Race	ISIEINDIA at Galgotias University, Gr. Noida India.	21 – 15 January 2022	Secured “Best Tug of War” and “Future Award”
Gowtham G	“Kho-Kho Men” Mysuru Zone Competition	NIE, Mysuru	17-18 June, 2022	Runner-up
Hruthvik M M and N Karthik	“Hand Ball Men”- VTU State Level Inter Zone Competition.	MIT, Mysuru	26th to 27th June 2022	Championship
Nishanth P, Ashik K S, Raendra K S, Manoj Kumar G S and Chandan	“Ball Badminton Men” - State Level Rest of Bangalore Zone Competition	PESCE, MANDYA	22-23 July, 2022	Winner

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AnnappaShet, Deexith, GourabSamajdar, Chethan Kumar (Mentor: Dr. Srinivas M R)	Srishti_ State level Engineering Students Project Exhibition Competition,	BMS College of Engineering Bengaluru, Karnataka, India.	25-27 July 2022	Secured “ <b>Second place</b> ” in Project Expo based on IR4
Veeresh K S, Dheeraj N U, Thejas and Vishal (Guide Name: Dr. Sadashiva M)	6 <sup>th</sup> National Level Techno Exhibition - 2022, Portable PPE Kit Sterlizer using UV Ozone Sanitization Process	Dr. AIT, Bengaluru, Karnataka India.	April 2022	Participated

#### IN CAYm2 (2020-21):

**Table 4.5.3.3: Events Participated by the Students in 2020-21**

Name of Student(s) Participated	Name of the Events	Organizer	Date	Awards
Suman G M, Srujan U, Sujan K and Suhas Raju S B (Guide Name: Dr. Sadashiva M)	State Level Student Project Exhibition and Competition -2021.  Design and Development of Portable PPE Kit Sterlizer using UV Ozone Sanitization	Bengaluru Institute of Technology, Bengaluru, Karnataka, India	July 2021	Best Oral Presentation Award
Kumara M, Naveen N, Nikhil V N, and Nikhil Kumar T S (Mentor: Dr. Sadashiva M)	Characteristic evaluation of mechanical properties of hybrid bio-composites fabricated with hand layup technique.	Industry Institute Interaction (III), PESCE, Mandya	21 <sup>st</sup> November 2020	Best Project ( UG -2020)

#### IN CAYm3 (2019-20):

**Table 4.5.3.4: Events Participated by the Students in 2019-20**

Name of Student(s) Participated	Name of the Events	Organiser	Date	Awards
SoobanAathif Syed Khizer M Yunus Sheik Sujan K Sohan Varghese V Basavaraju SumanthDevang B SupreethWalake Ramesha KM Sri Ram R Prakash Rakshith BS Shri Hari Shashank Navaneeth HK Sachin LS Karthik Reddy Vittal Sanjay KC Ravi Chandra P (Mentor: Mr. Pavan K N and Mr. Syed Imran Ali)	7 <sup>th</sup> Go Kart Design Challenge	Isnee Motorsports Pvt Ltd At Kari Motor Speedway Coimbatore, Tamil Nadu.	10 - 14 February 2020	Participated
Kumar M, Naveen N, Nihil V N and Nihil kumar T S (Guide Name: Dr. Sadashiva	Innovative Technical Project Competition -2020 under Teqip 3	PESCE Mandya, Karnataka, India	2020	3 <sup>rd</sup> Place

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**Student Publication in Journals / Book chapters / Conferences Details:**

**CAY (2022-23)**

<b>Students Name</b>	<b>Publication/Presentation</b>	<b>Title</b>	<b>Details</b>	<b>Month and Year</b>
Rohan D, Rakshith Sagar, Rohan S, Rathan R and (Madhusudana C K)	International Conference on Sustainable Materials, Manufacturing & Industrial Engineering- ICSMMIE-2022	Condition Monitoring of Gear-Box using Signal Processing Technique	SIT Tumkur Karnataka India	1 <sup>st</sup> and 2 <sup>nd</sup> July 2022
Gourab Samajdar, (Dr. M Sadashiva)	International Conference on Advances in Mechanical Engineering & Material Sciences”	“Design And Fabrication of Portable Super hydrophobic Coated Dew Collector	School of Mechanical Engineering, VIT-AP University, Amaravati.	20 <sup>th</sup> -22 <sup>nd</sup> April 2023.
K. Jashwanth, and P. Bhargav (Mentors: H. R. Lakshmi Narasimha Murthy, Ramesh Kurbet, N. M. Siddesh Kumar)	AIP Conference Proceedings	Parametric based influence of silicon carbide particulates on tensile and hardness characteristics of graphitic aluminium copper alloy	Vol. 2648, Issue 1	29 November 2022
Shashank, T.N., Dheeraj, N.U (Mentor: Siddesh Kumar, N. M.,)	International Journal of Metal casting	Coatings on Reinforcements in Aluminum Metal Matrix Composites	Vol. 17, pp1049–1064	30 June 2022
J. Monica, S. Praveen Kumar (Mentors: N.M. Siddesh Kumar, M. Sadashiva)	Materials Today's: Proceedings	Investigation on Corrosion Behaviour of Hybrid Aluminium Metal Matrix Composite Welded by Friction Stir Welding	Vol 52, Part 4, Pp 2339-2344	2022
Rathan R, Pradeep (Mentor: Gurupavan H R, Rudreshi)	International Journal of Engineering Research and Technology	Estimation of Vision Parameters of Surface Roughness and	Vol. 10, PP. 4-7	July 2022.



Addamani)		Wire Wear in Wire-EDM of Al-10 wt.% Si3N4 MMC Material using ANN		
Suhas M R, Sunil Kumar, Surajayanth, MallikarjuBhovi (Mentor: RudreshiAddamani, Gurupavan H R)	International Journal of Engineering Research and Technology	Experimental Investigation on Al-Sic Composite Materials using TIG Welding Process	Vol. 10, PP. 1-3	July 2022
Manoj Kumar G S, Dinesh Kumar D (Mentor: T M Devegowda, Gurupavan H R, RudreshiAddamani)	International Journal of Engineering Research and Technology,	Evaluation of Microstructure and Hardness of Al-Sic Metal Matrix Composite Material	Vol. 10, PP. 14-16	July 2022

### CAYm1 (2021-22)

Students Name	Publication/Presentation	Title	Details	Month and Year
Basavaraj, Amruth C M, Jayasimha SLN (Prof. Ramesh Kurbet)	Advances in Sustainability Science and Technology (eBook).	Effect of Ceramic particles on AMMC through stir casting method- A Review”,	ISBN 978-981-16-4320-0 ISBN 978-981-16-4321-7	October 2021
Dhruthi G.K, Pramod, P. Samrat, (N.M. Siddesh Kumar, and M. Sadashiva)	Materials Today: Proceedings, Elsevier,	A Critical Review on Heat Treatment of Aluminium Alloys,	ISBN 2214-7853	December 2021
Manoj S V, Manoj K C, Manoj V, (Madhusudana C KandSrinivas M R)	3 <sup>rd</sup> International Conference on Emerging Research in Civil, Aeronautical & Mechanical Engineering	Analysis on Wear Characteristics of Aluminium 6061 Reinforced with Graphene	NitteMeeanakshi Institute of Technology Bengaluru, Karnataka	December 2021
Monica, M.R. (M. Sadashiva, N.M. Siddeshkumar, J.,Srinivasa, N. Santhosh and S. Praveen Kumar).	Int. J. Vehicle Structures & Systems	The Effects of hardness and Impact strength Characteristics on Al Based Hybrid Composite FSW Joint,	13(6), 234-240, ISSN: 0975-3060 (Print), 0975-3540 (Online).	2021

Monica J, KarthikareddyG(Sadashiva. M, GanapathyBawge and Siddesh Kumar. N. M,)	Solid State Technology,	Comparitive Study on Methods used to Improve the Corrosion Resistance Property of Aluminium Alloys – A Review”,	ISSN:0038-111x Volume: 64 Issue:2 page:3196-3213.	2021
C.M. Amruth (Ramesh Kurbet V.Doddaswamy Mohammed Rafi H.KerurS.Ghanaraja)	Materials Today: Proceedings	Frequency response analysis of spur gear pair using FEA	Published with Vol. 52, Pp. 2327-2338.	January 2022
J.Monica, S.Praveen Kumar (N.M.Siddesh Kumar and M.Sadashiva,)	Materials Today: Proceedings,	Investigation on Corrosion Behaviour of Hybrid Aluminium Metal Matrix Composite Welded by Friction Stir Welding,	ISBN 2214-7853.	January 2022
J. Monica, (Mentor: M. Sadashiva, N.M. Siddeshkumar, M.R. Srinivasa, N. Santhosh and S. Praveen Kumar)	International Journal of Vehicle Structures and Systems	The Effects of hardness and Impact strength Characteristics on Al Based Hybrid Composite FSW Joint	Vol. 14 Issue1, p13- 17	2022
Chethan S, Talluri Nikhil and Dhruthi (Mentor: Siddesh Kumar N M)	Functional Composites and Structures	A review on friction stir processing over other surface modification processing techniques of magnesium alloys	Volume 4, Number 1	9 March 2022
Monica J (Mentor: Siddesh Kumar N M and Sadashiva M)	Notion Press Publication	Inception to Non Traditional Machining	ISBN-10 – 1684874947 / isbn -13 – 978-1684874941	20 November 2021
J. Monica (Mentor: N. M. Siddesh Kumar and M. Sadashiva)	Advances in Sustainability Science and Technology	Speculative Testament of Corrosive Behaviour ofAluminiumComposite Welded by FSW	pp 429–440	20 October 2021

### CAYm2 (2020-21)

Students Name	Publication/Presentation	Title	Details	Month and Year
Karthik Reddy G, Monica J, (Ramesh Kurbet,	Publication in Solid state technology	“A review on Friction Stir Welding over	Published with Volume 64, issue 2.	March 2021

Siddesh Kumar N M, Avinash M, Dr. Rudreshi Addamani,)		other Welding Techniques of Aluminium Alloys”		
Kiran Kumar, Dharmaraj H S, Sayeed Ahamed K I, (Ramesh Kurbet, Ajit Prasad S L)	HBRP Publication, Research and Development in Machine Design Journal.	Vibration And Noise Signal Analysis Of Al-Sic Mmc Gears”	Volume 3, Issue 2	August 2020
M yunus sheikh (Sadashiva M, Nouman Khan, Ramesh Kurbet, T M Devgowda,)	Publication_ International Journal of Recent Trends and Engineering (IJRTE)	A Review on Application of Shape Memory Alloys”	Volume 9, Issue 6,	March 2021
Monica J (Siddesh Kumar N M Sadashiva M)	4 <sup>th</sup> International conference on inventive material science and applications	Speculative Testament of Corrosive Behaviour of Aluminium Composite Welded by FSW	PPGIT, Coimbatore	14 <sup>th</sup> -15 <sup>th</sup> May, 2021
T. N. Shashank, and Dhruthi (Mentor: Siddesh Kumar N. M)	ECS Journal of Solid State Science and Technology	Review— Different Ceramic Reinforcements In Aluminium Metal Matrix Composites	Volume 10, Number 5, p. 053003.	May 2021

**Project Fund Sponsored from Karnataka State Council for Science and Technology (KSCST)**

**46<sup>th</sup>SERIES OF STUDENT PROJECT PROGRAMME CAY 2022-23 (Sanctioned student proposals)**

Name of the Students	Title of the Project	Sanctioned Amount
Chandrashekar K, Cikkanna J B, Chandrareddy B (Mentor: Dr. Guruavan H R)	Design and Fabrication of Acoustic Fire Extinguisher	Grant of Rs. 7000
Manish RavindraPattar, Lakshmikantha D M, Mahesha M and Mohammed Fuzail (Mentor: Dr. Rupesh S)	Synthesis and testing of Sustainable Biodiesel trough Mixed Oil Transesterification of Waste Cooking Oil, PongamiaPinnata Oil and RicinusComunies Oil	Grant of Rs. 6000

**45<sup>th</sup>SERIES OF STUDENT PROJECT PROGRAMME CAY 2021-22 (Sanctioned student proposals)**

Name of the Students	Title of the Project	Sanctioned
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		<b>Amount</b>
Rohith S, Adithya S A, Alok M and Annapa Krishna Shet(Mentor: Dr. Sadashiva M)	Design and Fabrication of Dew Extractor	Grant of Rs. 10,000
Mr. Shyleshkumar P B, Mr. Nagesha NS(Mentor: Dr. Rupesh S)	Organic Pesticide and Mosquito Repellent from AzadirachtaIndica and SimaroubaGlauca Leaves	Grant of Rs. 5,000

**44<sup>th</sup>SERIES OF STUDENT PROJECT PROGRAMME CAY 2020-21 (Sanctioned student proposals)**

<b>Name of the Students</b>	<b>Title of the Project</b>	<b>Sanctioned Amount</b>
Mr. P Samrat (Mentor: Dr. C K Vikram)	Paper Pot Plant Transplanting Machine.	Grant of Rs. 5,000
Mr. Supreet L Walake (Mentor: Dr.LakshmiNarasimhaMurthy H R)	Modelling And Fabrication of Automatic Hand Sanitization with Thermal Scanning at Low Cost	Grant of Rs. 7,000
Mr. Rakshith B S (Mentor: Mr. Ranjith K)	Design and Fabrication of Low-Cost Portable Mechanical Ventilator	Grant of Rs. 6,000

<b>Sl. No</b>	<b>Students Name</b>	<b>Title of the Event</b>	<b>Title</b>	<b>Award</b>	<b>Month and Year</b>
1	Veeresh K S, Dheeraj N U, Thejas and Vishal (Guide Name: Dr.Sadashiva M)	6 <sup>th</sup> National Level Techno Exhibition - 2022, organised by Dr. AIT, Bengaluru.	Portable PPE Kit Sterlizer using UV Ozone Sanitization Process	Participated	April 2022
2	C.M.Amruth (RameshKurbetV, Doddaswamy, MohammedRafi H.Kerur, S.Ghanaraja)	Publication in Journals (Materials Today Proceedings)	Frequency response analysis of spur gear pair using FEA	Published with Vol. 52, Pp. 2327-2338.	January 2022
3	Basavaraj, Amruth C M, Jayasimha SLN (Ramesh Kurbet)	Advances in Sustainability Science and Technology (eBook).	Effect of Ceramic particles onAMMC through stir casting method- A Review”,	ISBN 978-981-16-4320-0 ISBN 978-981-16-4321-7	October 2021
4	Karthik Reddy G, Monica J, (Ramesh Kurbet, Siddesh	Publication in Solid state technology	“A review on Friction Stir	Published with	March 2021

	Kumar N M, Avinash M, Dr.Rudreshi Addamani,)		Welding over other Welding Techniques of Aluminium Alloys”	Volume 64, issue 2.	
5	(Mentor: Pavan K N)	6 <sup>th</sup> Season of Indian Karting Race organised by ISIEINDIA at Galgotias University, Gr. Noida		Secured “Best Tug of War” and “Future Award”	21 – 15 January 2022
6	Mano M, Lishaan V Bangera, Mallesh M M, Maheshwar S, Likith R, Pranav Rao K A, Rakshith Kumar P, Shreyas K R, Vikas J, Vinay M R, Bharath P, Dev Chand H S, Karthik B P, (Mentor: Mr. Pavan K N)	9 <sup>th</sup> GO Kart Design Challenge– CV Category Organized by ISNEE Motorsports Private Limited At Aruani Grid Bangalore, Karnataka		Participated	22 – 25 August 2022
7	(Mentor: Dr. Srinivas M R)	Srishti_ State level Engineering Students Project Exhibition Competition, held at BMS College of Engineering Bengaluru, Karnataka.		Secured “ <b>Second place</b> ” in Project Expo based on IR4	25-27 July 2022
8	Veeresh K S, Dheeraj N U, Srinivas M, Thejas H S, Yaswanth H and Devika M S (Mentors: Dr. Srinivas M R and Dr.Sadashiva M)	Smart India Hackathon 2022, Nodal Centre at Arya Institute of Engineering and Technology, Jaipur, India		Participated	25-29 August 2022
9	Suman G M, Srujan U, Sujan K and Suhas Raju S B (Guide Name: Dr.Sadashiva M)	State Level Student Project Exhibition and Competition -2021, organised by BIT Bengaluru.	Design and Development of Portable PPE Kit Sterlizer using UV Ozone Sanitization	Best Oral Presentation Award	July 2021
10	M yunus sheikh (Sadashiva M, , Nouman Khan, Ramesh Kurbet, T M Devgowda,) “	Publication_ International Journal of Recent Trends and Engineering(IJRTE)	A Review on Application of Shape Memory Alloys”	Volume 9, Issue 6,	March 2021.
11	Kiran Kumar, Dharmaraj H S, Sayeed Ahamed K I, (Ramesh Kurbet, Ajit Prasad S L)	, HBRPPublication, Research and Development in Machine Design Journal.	Vibration And Noise Signal Analysis Of Al-Sic Mmc Gears”	Volume 3, Issue 2	August 2020
12	Kumar M, Naveen N, Nihil V N and Nihil kumar T S (Guide Name: Dr.Sadashiva M)	Innovative Technical Project Competition - 2020 under Teqip 3 organised by PESCE	Characteristics Evaluation of Mechanical Properties of	3 <sup>rd</sup> Place	2020

		Mandya.	Hybrid Bio Composites Fabricated with Hand-Layup Techniques		
13	(Mentor: Mr. Pavan K N and Mr. Syed Imran Ali)	7 <sup>th</sup> Go Kart Design Challenge Organised By Isnee Motorsports Pvt Ltd At Kari Motor Speedway Coimbatore, Tamil Nadu.	VENOM XV	Participated	10 - 14 February 2020

## **STUDENT PROJECT SELECTED FOR NAIN**

Sl No	Guide Name	Students Name	USN Number	Title of the Project	Academic Year	Amount
1	Dr. RudreshAddamani	Rahul K C Pruthvi K Punith R. Rahul R.	4PS19ME093 4PS19ME090 4PS19ME091 4PS19ME094	Automatic Toilet Flusher	2022-23	5 Lacks

## **STUDENT PROJECT SELECTED FOR KSCST**

Sl No	Guide Name	Students Name	USN Number	Title of the Project	Academic Year	Amount
1	Dr, Rupesh S	Mr. SHYLESK KUMAR P B Mr. NAGESHA N S	4PS19ME426 4PS19ME416	Organic Pesticide and Mosquito Repellent from Azadirachtaindica and Simaroubaglauca Leaves	2022-23	5000/-

## **STUDENTS PARTICIPATED CONFERENCES (PAPER PRESENTATION)**

Sl No	Guide Name	Student Name/USN	Title of the paper	Conference Name	Place & Date	Publication
1	Dr. RudreshAddamani	Suhas M R/4PS18ME085 Sunil	Experimental Investigation on Al-Sic Composite	“Advances in Civil and Mechanical Engineering”	RR Institute of Technology, chikkabanavara, Bangalore –	ISSN: 2278-0181 Published by, www.ijert.org

		Kumar/4PS18 ME086  SuraJayanth/4 PS18ME087	Materials using TIG Welding Process	(Hybrid Mode), ACME – 22	560090  30th and 31st July 2022	ACME - 2022 Conference Proceedings
2	Dr. K J MahendraBabu			“Advances in Civil and Mechanical Engineering” (Hybrid Mode), ACME – 22	RR Institute of Technology, chikkabanavara, Bangalore – 560090  30th and 31st July 2022	ISSN: 2278- 0181 Published by, www.ijert.org ACME - 2022 Conference Proceedings
3	Dr. M H Kerur	M N Dinesh/4PS18 ME037Maham adNawazpeer/ 4PS18ME038 ManjunathEla vi/4PS18ME0 39  Manoj H V/4PS18ME0 40	Railway Track Crack Detection Robot	“Advances in Civil and Mechanical Engineering” (Hybrid Mode), ACME – 22	RR Institute of Technology, chikkabanavara, Bangalore – 560090  30th and 31st July 2022	ISSN: 2278- 0181 Published by, www.ijert.org ACME - 2022 Conference Proceedings
4	Dr. Gururpavan.H R	Rathan R Pradeep	Estimation of Vision Parameters of Surface Roughness and Wire Wear in Wire-EDM of Al-10 wt.% Si3N4 MMC Material using ANN	“Advances in Civil and Mechanical Engineering” (Hybrid Mode), ACME – 22	RR Institute of Technology, chikkabanavara, Bangalore – 560090  30th and 31st July 2022	ISSN: 2278- 0181 Published by, www.ijert.org ACME - 2022 Conference Proceedings
5	Prof. T M Devegowda	Manoj Kumar G S  Dinesh Kumar D	Evaluation of Microstructure and Hardness of Al-Sic Metal Matrix Composite Material	“Advances in Civil and Mechanical Engineering” (Hybrid Mode), ACME – 22	RR Institute of Technology, chikkabanavara, Bangalore – 560090  30th and 31st July 20220	ISSN: 2278- 0181 Published by, www.ijert.org ACME - 2022 Conference Proceedings
6	Dr. M H Kerur	Karthik B P Manoj M Nikitha H	Modeling and fabrication of iotbased pesticides spraying			

		Poojashree L S Suraj Mohammad Ayan M K	equipment			
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## LIST OF GOLD MEDAL WINNERS DURING GRADUATION DAY

Sl No.	Name	USN	CGPA	Year
1.	Chandan N	4PS18ME016	9.35	2021-22
2.	Akash Patric	4PS17ME004	9.34	2020-21
2.	Siddaraju.N	4PS19MMD03	9.37	2020-21
3.	Abhishek.L	4PS16ME007	9.33	2019-20
4.	Anil kumar M.N	4PS18MCM02	9.68	2019-20
5.	Shruthi H.M	4PS18MMD11	9.16	2019-20
<b>List of ISTE Endowment Award Winners during Graduation Day</b>				
1.	Chandan N	4PS18ME016	9.35	2021-22
2.	Akash Patric	4PS17ME004	9.34	2020-21
3.	Abhishek.L	4PS16ME007	9.33	2019-20