



Engineering A Better Tomorrow

An Autonomous Institution
Affiliated to VTU, Belagavi,
Approved by AICTE, New Delhi,
Recognised by UGC with 2(f) & 12 (B)
Accredited by NBA & NAAC

**HEARTY WELCOME TO THE CHAIRMAN
AND MEMBERS OF GOVERNING COUNCIL**

**XXXI GOVERNING COUNCIL MEETING
20th Nov 2021**



Progress highlights since last GC Meeting held on 19th June 2021

Progress has been made in various activities since the last Governing Council Meeting held on 19th June 2021. Valuable suggestions and inputs provided during XXX GC Meeting were considered carefully and implemented in the Institution for the overall development and growth.



New Courses:

- We have been granted permission by AICTE and VTU to start two new courses - in IOT and Computer Science & Design - from the academic year 2021-22, with a granted intake of 60 students in each course.
- Commencement of offline classes from 4th October for III and IV year and 18th October for II year students.

Achievements of Alumni:

Department of Aeronautical Engineering:

The Acoustic Agriculture by Mr Pavan and Mr Venu has been granted a financial assistance of Rs. 5 L along with Incubation linkage by Innovation cell of Ministry of Education.

Department of Electrical & Electronics Engineering

- Mr. Ritwik Ram, who graduated from 2020 batch EEE, has cleared successfully the UPSE examination, then FCAT, and INET examinations and got selected for Indian Navy, as Sub Lieutenant. He has posted for training in Indian Naval Academy, in Kannur District, Kerala.



Student's Achievements:

Department of Aeronautical Engineering:

- Koushik Udayachandran, Keerthi GN, Amruthanshu K P, Mithun Francis P, Atyab Hakeem of Aeronautical Engineering guided by Prof. R. Rajasekar of Aeronautical Engineering had participated in NACDeC IV hosted by the Aeronautical Society of India, design division Mumbai branch and won the first place with a cash prize of Rs 20,000, held on 14th Aug 2021.

Department of Chemical Engineering:

- Vanishree, Vinay S, and Aanusha G T of IV year Chemical Engineering has received IICHE project fund of Rs.5000/- for the project "Green approach for the extraction of nanocellulose and its potential application in wastewater treatment" under the guidance of Dr Manisha Bal, Assistant Professor.

Student's Achievements

- Ajay Guttedar, Dhaval, Inzamam, Md. Afzal of IV year Chemical Engineering has received KSCST project fund of Rs.4000/- for the project "Adding biochar to reduce soil degradation and using low cavitation to improve efficiency of the whole process" under the guidance of Samraj S, Assistant Professor.
- N V K Renuk Rao and Swaroopa have secured first position for poster presentation on "Pharmaceutical advancement with nanotechnology application" in RACE 2021 conducted by Dept. of Chemical Engineering MVJCE Bangalore, held on 19th July 2021.
- Sri Sannihitha Chavali and Suhas G have secured second position for oral presentation on "Review of nanocomposites" in RACE 2021 conducted by Dept. of Chemical Engineering MVJCE Bangalore, held on 19th July 2021.

Conduction of Guest Lectures/Webinars/FDPs:

Department of Chemical Engineering:

- Organized a 5-day online FDP on "Data Science and Artificial Intelligence in Chemical Engineering: Recent trends and Future Outlook", conducted by Dept. of Chemical Engineering, MVJ College of Engineering, Bengaluru, supported by AICTE Training and Learning (ATAL) Academy from 31st Aug to 4th Sept 2021.

Department of Civil Engineering:

- Organized a Guest Lecture on "Engineering Structures for Safety, Robustness and Resilience" on 23rd Oct 2021, by Dr. Manohar CS Professor in Civil Engg IISc Bangalore.
- The Engineer's Day celebration was organized by the Department of Civil Engineering, MVJCE, to commemorate 160th birth anniversary of Bharat Ratna Sir M Visvesvaraya, on 15th Sept 2021.

Conduction of Guest Lectures/Webinars/FDPs:

Department of Computer Science Engineering:

- A Seminar on 'Data Analytics and Machine Learning using R studio' was organized on 9th Oct 2021. The Resource Person was Dr. Rajkumar Rajasekaran, Associate professor (Data Analytics), School of Computer Science and Engineering, VIT, Vellore.
- A Seminar on 'Hadoop Technologies' was organized on 22nd Oct 2021. The Resource Person was Mr.Raghavendra Lad, Technical Architect Wissen Info Tech Bangalore.
- A Seminar on "Recent Trends in IoT and its Applications" was organized on 28th Oct 2021. Resource person Mr.Syed Abdul, Lead Engineer, HCL Technologies, Bangalore.

Conduction of Guest Lectures/Webinars/FDPs:

Department of Electronics and Communication

- A Guest Lecture on “IEEE Day 2021- Leveraging Technology for a Better Tomorrow” was organized on 7th Oct 2021. The resource person for the session was Dr. Ashwini Appaji, Coordinator of IEEE R10 Young Professionals and Member of IEEE Bangalore Section.

Department of Electrical & Electronics Engineering

- A Guest lecture on 'control system analysis 'was organized on 24th July 2021. The resource Person was Dr. Piyush Pratap Singh, Asst. Professor, NIT Meghalaya.
- A workshop on the Design of electric circuits in MATLAB was organized on 2nd to 4th Aug 2021, the lecture was delivered by Dr. Soumya Mishra, Associate Professor and Dr. Hemakumar Reddy, Associate Professor EEE Department, MVJCE.

Conduction of Guest Lectures/Webinars/FDPs:

Department of Mechanical Engineering

- A Guest Lecture on the Application of ANSYS Workbench was conducted by Vijay Kumar, Lead Engineer, Aerospace Division, Capgemini India on 22nd Oct 2021.
- Organized a five-day FDP on “Material Synthesis and Characterization – Research Prospectus and Optimization Techniques”, from 24th to 28th Aug 2021 in association with ISTE, IIC, and IQAC – MVJCE.
- Organized an STTP on “MATLAB”, from 14th to 18th Sept 2021 in association with IQAC of MVJCE.

Department of Information Science & Engineering:

- Conducted seminar on 30th Oct 2021 on "Augmented reality in Cloud computing" chief guest for the program V Udaikumar, Project Manager, Mercedes Benz research and development.

Conduction of Guest Lectures/Webinars/FDPs:

Department of Mathematics

- A Guest Lecture on 'The Role of Analysis in Differential Equations' was organized on 10th July 2021. Resource Person was Dr. A.K. Nandakumaran Professor, Department of Mathematics, Indian Institute of Science, Bangalore.

Department of Physics:

- A Guest Lecture on 'Development of high quality unidirectional single crystal for photo voltaic devices on 23rd Sept 2021. Resource Person was Dr. Muthu Senthil Pandian Research Scientist, SSN Research Centre, Chennai.

Industrial Visits:

Department of Civil Engineering:

- Organized Industrial visit to Bangalore Metro Rail Corporation Limited (BMRCL), Baiyapanahalli-Bangalore, on 25th Oct 2021, for Final year and Second year students.
- Organized Industrial visit to Karnataka State Natural Disaster Monitoring Centre (KSNDMC), Yelahanka, Bengaluru, on 25th Oct 2021, for Pre-final year students.
- SRISHTI Club, Department of Civil Engineering organized an event “Model Making of Road Intersections” on 18th Oct 2021. The event was conducted in Offline mode.
- SRISHTI Club, Department of Civil Engineering organized an event “Code Cracking and Technical Presentation” on 12th Aug 2021.

Student's Activities

Department of Aeronautical Engineering

- Deepak P completed an online Course on 'A hands-on introduction to engineering simulations' on 25th Aug 2021.
- Santhosh GC Completed edX online Course on 'A hands-on introduction to engineering simulations' on 20th Aug 2021.
- Meghana. K. S attended an online workshop from Tech learn on how NASA colourises images with deep learning on 21st Aug 2021

Student's Activities

Department of Aerospace Engineering:

- Sagarika S, Chandana B Venkatesh Completed Online Course on 'An Insight into Futuristic Aerospace Propulsion' from SRMIT on 20th Oct 2021.
- Mahantesh S Shettar completed an online Internship on 'Rockets and Ground Systems' on 25th Oct 2021.

Department of Chemical Engineering:

- Prema Gowda, III year Chemical Engineering student has participated in 62nd edition of Ramnarayan Chellaram Quiz on 26th & 27th Sept 2021 in Rotary club of Bangalore.
- Prema Gowda, III year Chemical Engineering student has completed certification course on Tech online Bootcamp" conducted by CCBP on 19th Oct 2021.
- Prema Gowda, III year Chemical Engineering student has completed certification course on "Introduction to IOT" conducted by CISCO network academy on 2nd July 2021.

Student's Activities

Department of Computer Science Engineering:

- Krishna Tej N K completed python through IIT Bombay spoken tutorial project on 17th July 2021
- Yugesh completed the feature Engineering part of the full stack in an integrated program in Analytics in June 2021
- Preeti Varughese has successfully achieved student-level credentials for completing the Introduction to IoT course on 23rd Sept 2021.

Student's Activities

Department of Civil Engineering:

- Two teams from the Department of Civil Engineering have submitted the design in the National level competition on "ICONIC STRUCTURE COMPETITION 2021" organized by the Central Public Works Department, Ministry of Housing and Urban Affairs, Government of India on 18th Oct 2021.
- Aravind, Chandan Gowda R, Chandan HM, submitted the idea "Effectively Rainwater Harvesting by low-cost Paver Blocks" in "IDEATHON" competition organized by VTU Innovation and Entrepreneurship Centre on the occasion of "Azadi Ka Amrut Mahotsav" in association with Karnataka State Council for Science and Technology (KSCST) on 25th Sept 2021.

Student's Activities

Department of Electronics and Communication

- Ashwini Bal L Completed AI MASTER CLASS at Prolabs India Pvt Ltd from 30th Aug to 29th Sept 2021
- Monica Singh has Successfully Completed NPTEL Course on Python for Data Science during July-August 2021.
- Vinutha P Hiremath has completed the applied course on "Machine Learning - Linear Regression" on 2nd Oct 2021.
- Junaid has completed Training on Network Ethical Hacking for beginners by Udemy academy on 4th Sept 2021.

Student's Activities

Department of Electrical & Electronics Engineering

- 25 students from 5th Semester, EEE completed an online course on Solar PV Fundamentals and Solar PV systems-off grid, on the grid, and hybrid systems conducted by TATA power skill development institute.

Department of Mechanical Engineering:

- Krishnadev P R, Thanush N C have completed SCI LAB certification from IIT Bombay.
- Amogh S Bharadwaj, Akash D have completed OPEN FOAM certification from IIT Bombay.
- Dileep S and Gokul V have completed Libre Office certification from IIT Bombay.

Conferences and Workshops Attended by Faculty Member

Department of Aeronautical Engineering

- Mr Arun Kumar K, Assistant Professor, Department of Aeronautical Engineering, MVJCE completed 4- week course from 27th Oct 2021 provided by the University of California
- Dr. P. Suresh, Associate Professor, Department of Aeronautical Engineering, MVJCE attended Five days FDP on “Application of 3D Printing in Engineering Education” from 20th to 24th Sept 2021 at Dayananda Sagar College of Engineering, Bangalore.
- Tamilselvam, Assistant Professor, Department of Aeronautical Engineering, MVJCE attended Five days FDP on “Novel Materials: Advances and application” from 24th to 28th Sept 2021 at NIT Raipur.

Conferences and Workshops Attended by Faculty Member

Department of Aeronautical Engineering

- Dr John Baruch, Professor, Department of Aeronautical Engineering, MVJCE attended Five days FDP on “Advanced Materials Processing and Characterization” from 20th to 24th Sept 2021 held at VIT Vellore
- Tamilselvam, Assistant Professor, Department of Aeronautical Engineering, MVJCE attended Five days FDP on “An Insight into Futuristic Aerospace Propulsion” from 15th to 20th Oct 2021 at SRM University.

Conferences and Workshops Attended by Faculty Member

Department of Artificial Intelligence & Machine Learning Engineering:

- Dr. M B Sudhan participated in ATAL FDP on “Artificial Intelligence Technology in Surveillance for Infectious Disease” from 23rd to 27th Aug 2021.
- Dr. M. B. Sudhan attended Webinar on “Introduction to Data Science” conducted by the Association of Computer Engineers in St.Xavier's Catholic College of Engineering, Kanyakumari on 23rd Oct 2021.
- Mr.Syed Sidiq has participated in One week online FDP on "Research Methodology & IPR", organized by IQAC, of Ramakrishna Siddhartha Engineering college under AICTE Margadarshan from 13th to 17th Sept 2021.

Conferences and Workshops Attended by Faculty Member

Department of Chemical Engineering:

- Dr Ramakrishna G V has attended 5-day FDP on “Machine Learning - Foundation, Methodologies, conducted by Amity Institute of Information Technology, Amity University, Kolkata from 16th to 21st Aug 2021.
- Mr. Samraj S has attended Online 5-days FDP on “Data Science and Artificial Intelligence in Chemical Engineering: Recent trends and Future Outlook”, conducted by MVJ College of Engineering, Bengaluru, from 31st Aug to 4th Sept 2021.
- Dr. Sayanasri Varala has undergone Innovation Ambassador training (Foundation Level, Total 16 Sessions of 30 contact hours) conducted by Innovation Cell & AICTE from 30th June - 30th July 2021 in online mode

Conferences and Workshops Attended by Faculty Member

Department of Computer Science Engineering:

- Mrs. Aileen and Mrs. Vidhyashree D M attended Train The Trainer Program on Java Programming conducted by Infosys from 16th to 18th June 2021.
- Dr. S Anthoniraj and Mrs S Suguna attended a two-week FDP on "The Era of Change- Recent Advancements of Machine Learning in Terms of AI & IoT", organized by SRMIT, Chennai from 12th to 25th July 2021.
- Dr. Shaheen H, Dr. M B Sudhan and Mrs. Suguna S attended Train the Trainer program on Creating Microsites on Infosys Spring Board conducted by Infosys Limited from 31st Aug 2021 to 3rd Sept 2021.
- Dr. Bhuvaneshwari P attended 2-day Workshop on "Industrial Impact of Artificial Intelligence in Cloud Computing" Organized by the School of Computing - Computational Intelligence SRM Institute of Technology held on 23rd to 24th Sept 2021

Conferences and Workshops Attended by Faculty Member

Department of Electronics & Communication Engineering:

- Mr.Suresh Babu attended (ATAL) FDP on "Internet of Things in 5G Wireless Communication" from 6th to 10th Sept 2021 at North Eastern Regional Institute of Science and Technology (NERIST).
- Mr.Suresh Babu attended Online FDP on "PATENT DRAFTING AND FILING" from 14th to 18th June 2021 at Jerusalem College of Engineering, Chennai.
- Mr.Suresh Babu attended (ATAL) FDP on " Signal Processing and Machine Learning towards Engineering Applications" from 23rd to 27th Aug 2021 at North Eastern Regional Institute of Science and Technology (NERIST).
- Mrs.Shima Ramesh attended 3 days National level Workshops on "Wireless Systems Design using Simulink" conducted from 28th to 30th July 2021, Organized by the Department of Electronics and Communication Engineering, Bangalore Institute of Technology, Bangalore.

Conferences and Workshops Attended by Faculty Member

Department of Electrical & Electronics Engineering

- Ms. Krupa M, Deeksha R attended a 5-day Webinar on "Incorporating Universal Human Values in Education (An AICTE Initiative)" from 13th to 17th Sept 2021.
- Dr. Hemakumar Reddy, Dr. Soumya Mishra, Mrs. Gayathri R and Mrs. Renjini E Nambiar attended a 5-day Webinar on "Incorporating Universal Human Values in Education (An AICTE Initiative)" from 27th Sept to 1st Oct 2021.
- Ms. Renukamba JN, attended a 6-day FDP on "Power and Energy Systems-Technical Progressions and research opportunities" from 19th to 24th July 2021.

Conferences and Workshops Attended by Faculty Member

Department of Mechanical Engineering:

- SANTHOSH N, Associate Professor, Mechanical Engineering participated in (ATAL) FDP on "Industrial Automation using CNC and Intelligent Systems" from 16th to 20th Aug 2021 at Manipal Institute of Technology, Manipal.
- Mr. Krishna Prasad R, Assistant Professor, Mechanical Engineering participated in the webinar held on 6th Sept 2021 on the theme "STI Institutions for "Atmanirbhar Bharat" on India celebrating its 75th year of Independence through "Azadi Ka Amrit Mahotsav". This program is organized in association with the Department of Science and Technology, Government of India.
- Prof. Suchith K S, Assistant Professor and Shwetha Agarwal, Assistant Professor from Mechanical Engineering completed an AICTE Certification course on "Universal Human Values" & received the certificate after successfully clearing the Exam.

Conferences and Workshops Attended by Faculty Member

Department of Information Science & Engineering:

- Dr M Poorani has undergone Innovation Ambassador training conducted by Innovation Cell & AICTE from 30th June - 30th July 2021 in online mode.

Department of Mathematics

- Dr. Varalakshmi. M, Dr. S. Mekala, Dr. C. Pradeep, Mr. B. Sudhakar, Mr. K. Srinivasan, Mr. L. Niranjana, Dr. U. Naveenkumara, Ms. K. Poojashree, Mrs. G. Geetha, Mr. N. Raghu, Mrs. S. Sudalaikani and Mr. V. Naveen had participated in six days International FDP on "Recent Research Advances In Mathematics " Organized by St. Joseph's College (Arts & Science), Chennai during 4th to 9th Oct 2021 .
- Dr. Varalakshmi. M, Dr. S. Mekala, Mrs. G. Geetha, Mrs. Sudalaikani. S, Mr. B. Sudhakar, Mr. Srinivasan K has participated in a two-day FDP on "Recent Trends in Mathematical & Statistical Techniques" organized by Dr. Viswanatha MIT School of Mathematical & Statistics"-Pune from 22nd to 23rd Oct 2021.

Conferences and Workshops Attended by Faculty Member

Department of Physics:

- Mr. Mohankumar CR attended, "One day workshop on How to conduct Student Induction Program", AICTE, Delhi – Conducted in Online mode on 20th Sept 2021.

Department of Chemistry:

- Dr V Udaya Kumar attended 'Innovation and Intellectual property rights' from 4th to 10th Oct 2021, organized by T Thomas Elizabeth College, Chennai.
- Dr V Udaya Kumar attended 'An insight into future aerospace propulsion' from 15th to 20th Oct 2021, SRM Institute of Science and Technology, Chennai

Faculty Paper Publications:

Department of Aeronautical Engineering

- Rahul B, Dharani J, Tamilselvam published a paper on "Experimental investigation on the mixed-mode fracture behavior of nano modified glass epoxy three-phase laminated composite through Modified Arcan Fixture" in Engineering Research Express, 3, 035011, July 2021. (Scopus, IF -0.5)
- Rahul B, Dharmahinder Singh and Dharani J published a paper on "A comprehensive review on the performance analysis of composite overwrapped pressure vessels" in Engineering and Applied Science Research, 49(2):272-287, Sept 2021. (Scopus, IF -0.79)

Department of Chemical Engineering:

- Samraj S, M Venkataratnam, K Senthil Kumar, Md. Abdul Kadir, K Nagamalleswara Rao, published a paper on "Effective leaching strategies for a closed loop spent lithium-ion batteries recycling process", Journal of Hazardous, toxic and Radioactive wastes, ASCE Journals, Article in Press. DOI: 10.1061/(ASCE)HZ.2153-5515.0000671.

Faculty Paper Publications:

Department of Computer Science Engineering:

- Dr. S. Anthoniraj, P. Karthikeyan, V. Vivek, presented a paper on 'Weed Detection Model Using the Generative Network and Deep Convolutional Neural Network', Journal of Mobile Multimedia, Vol. 18 2, 1–18. DOI: 10.13052/jmm1550-4646.1826 August 2021.

Department of Electronics & Communication Engineering:

- Mrs. Shima Ramesh Maniyath," presented a paper on "Learning-based approach to underwater image using CycleGAN", Arabian Journal of Geosciences, Volume 14, 1908, August (2021), IF-1.827, Springer (SCIE).
- Dr. Jeevalakshmi D, presented a paper on "Satellite monitoring of forest fire impact and regeneration using NDVI and LST", Journal of Applied Remote Sensing, September, Volume 15, Issue 4, 2021, IF-1.5 (SCIE).

Faculty Paper Publications:

Department of Mechanical Engineering:

- Dr. Santhosh N, Presented a paper on "Influence of the Fly Ash Material on the Tensile and Impact Characteristics of the Aluminum Composites" Materials 14, no. 9: 2452.
<https://doi.org/10.3390/ma14092452>.
- Dr. Santhosh N, on "Influence of Heat Treatment and Reinforcements on Tensile Characteristics of Aluminium & Fly Ash Composites" Materials 14, no. 18: 5261.
<https://doi.org/10.3390/ma14185261>.

Paper Presentations by faculty in Conferences:

Department of Computer Science Engineering:

- Dr. S Anthoniraj presented a paper on Power Adjustment Algorithm in 1st International Conference on Smart Energy and Advancement in Power Technologies by NIT Jamshedpur from 6th to 8th Aug 2021.
- Dr. S Anthoniraj presented a paper in 1st International Conference on Smart Energy and Advancement in Power Technologies by NIT Jamshedpur from 6th to 8th Aug 2021.
- Dr. S Anthoniraj presented the paper on Energy Efficiency in Charging Stations for Electric Vehicles at 1st International Conference on Smart Energy and Advancements in Power Technologies in NIT Jamshedpur from 6th to 8th Aug 2021.
- Dr. Manju Khanna, presented a paper on 'Visual Perception Stack for Autonomous Vehicle Using Semantic Segmentation and Object Detection', in Madras Section Conference (MASCON), IEEE, doi.org/10.1109/MASCON51689.2021.9563527 19th October 2021.

Lectures/Talks by Faculty:

Department of Civil Engineering:

- Dr. Chandrasekaran delivered a guest talk on “Global climate change “in Oxford college of Education, Tiruchirapalli through (online mode) on 20th Oct 2021.

Department of Chemical Engineering:

- Samraj S has delivered a special talk on “Current trends in nanotechnology and its applications in Chemical industries” Conducted by Hindustan College of Engineering and Technology Coimbatore on 17th June 2021.

Lectures/Talks by Faculty:

Department of Electronics and Communication

- Dr. S. J. Sugumar, Professor, ECE Department delivered a webinar on 'Introduction to Internet of Things (IoT)' on 13th Aug 2021 at Oriental Institute Of Science & Technology, Bhopal

Department of Information Science & Engineering:

- Rajan.T, Delivered one day workshop on 1st Oct 2021 on " Theory of Computation", at department of computer science and Engineering, Ahamed Institute of Technology, Coimbatore.

Department of Mechanical Engineering:

- Dr. Sunil S W of the Department of Mechanical Engineering delivered a guest lecture on 3D printing of lightweight composites on 6th June 2021 at SG Balekundri Institute of Technology.

Project proposals Submitted:

Sl.No	Name of the PI and Co-PI	Title of the Project	Scheme Applied	Budget Quoted	Date of Application
1	Dr. Sunil S Waddar, ASP, ME Dept.	Experimental and numerical characteristics of laminated composites for out of plane property enhancement for aerospace and aeronautical structural applications	Defence Research & Development Organization- AERONAUTICS R&D BOARD	Rs.16,46,000/-	30.08.2021
2	Dr. Indrajit Kumar, AP, MBA Dept.	Rural Healthcare Infrastructure Management in Karnataka, India: Intervention and improvement measures	Indian Council for Social Science Research (ICSSR)	Rs.15,00,000/-	06.09.2021
3	Dr. P. Suresh, ASP, AE Dept. & Dr. R. Rajasekar, Professor, AE Dept.	Design and development of landing gear assembly using DFMA and DFE concepts for enhancing sustainability and life cycle	Defence Research & Development Organization (Aeronautics Research & Development Board)	Rs.9,51,000/-	17.09.2021

Project proposals Submitted:

4	Dr. Indrajit Kumar, AP, MBA Dept.	An Empirical Study of Deen Dayal Upadhyaya Grameen Kaushalya Yojana in Punjab	Mahatma Gandhi National Council of Rural Education (MGNCRE)	Rs.10, 00,000/-	15.09.2021
5	Dr. D. Jeevalakshmi & Dr. D. Tamilarasi, ASP, ECE	Time Series Analysis of Crop development for Crop Yield Mapping based on IOT and Machine Learning	SERB-Power Grant	Rs. 2,91,3,795	14.10.2021
6	Dr R Rajasekar & Dr P Suresh, Mr. N. Tamilselvam, Mr. P. Manikandan	Design of Aluminium Foaming Machine for Manufacturing Flight Vehicle Components	DST TDT AMT	Rs.16,95,5,500/-	14.10.2021

Project proposals Submitted:

7	Dr. Santhosh N & Dr. Vivekanand B Huddar	Additive Manufacturing of light weight high performance transmission components	DST AMT	Rs.49,57,439 /-	15.10.2021
8	Dr Sayanasri Varala & Dr Udayakumar	Bio inspired superoleophobic surface nets for marine and industrial oily-wastewater purification.	SERB Power Grant	Rs.29,36,000/-	14.10.21
9	Dr. Umamaheswaran. S & Dr. Karthick Raghunath. K. M, Dr. Sudhan.M.B	Design & develop an enterprise platform in Industry 4.0 environment that enables manufacturing companies to achieve higher productivity, better optimization, and to reduce asset downtime while demonstrating the proof of concept on an industrial Refrigeration plant.	Ministry of Electronics and Information Technology (MeitY)	Rs.17,17,045/-	02.11.21

Patents filed:

Department of Artificial Intelligence & Machine Learning Engineering:

Dr.Sudhan. M.B filed the following two patents:

- Title of Invention: An Image Analysis device using Deep Learning Data modelling and method thereof, Application Number: 202141038588A, Issue: 36/2021, Office Journal of the Patent Office, Date of Patent publication: September 03, 2021.
- Title of Invention: Secured Data Transmission using improved Crypto coding using VLSI Architecture, Application Number: 202131034322A, Issue: 34/2021, Office Journal of the Patent Office, Date of Patent publication: August 20, 202

Department of Information Science & Engineering:

- Dr.Muzammil Hussain, published patent on 1st Oct 2021" IOT based drilling site identification system integrated with artificial intelligence data analysis and method thereof", Patent office Journal no: 40/2021.Published country, India.

Funds Received:

Department of Aeronautical Engineering

- Prof. S. C. Gupta received ARDB Funds of Rs 2.28 Lakhs for II year of ARDB Project titled, 'Design Development and Experimental Validation of Adaptive Controlled Morphed Aircraft Wing Profiles for Maximum Range and Endurance Performance'.

Department of Chemical Engineering:

- Dr Manisha Bal received AICTE Training and Learning (ATAL) Academy FDP fund of Rs 93000/- dated 16th Aug 2021 to conduct online 5-day FDP on "Data Science and Artificial Intelligence in Chemical Engineering: Recent trends and Future Outlook".

Funds Received:

Department of Electrical & Electronics Engineering

- Student Project “Design and Development of Off-Road Electric Skate board” guided by Dr. Soumya Mishra received funds of Rs. 5000/- from VTU.
- Project “Design and Development of Head Motion Controlled Wheel Chair” guided by Mrs. Gayathri R received funds of Rs. 5000/- from VTU.

Department of Mechanical Engineering:

- Dr. Shankar G, Assistant Professor, Mechanical Engineering has been selected for VGST Award for Research Publication for the year 2021 awarded with a cash prize of Rs. 25, 000 based on the paper publications on Cable Mechanics.

Certification Courses by Faculty:

Department of Chemical Engineering:

- Dr Ramakrishna G V from dept. of Chemical Engineering completed certification course on “Journal Citation Reports (JCR) Certification Series-2021” conducted by Clarivate Journal Citation Reports on 8th July 2021.
- Dr Ramakrishna G V from dept. of Chemical Engineering completed certification course on “AWS Foundations: Machine Learning Basics” conducted by AWS Training and Certification on 23rd Aug 2021.

Placement Summary:

Companies that are due to complete the process of hiring and those that are completed the hiring process:

- Three students are placed in Investors Clinic.
- Campus drive is over with Gross roots for customer support role, waiting for results for 2021 batch.
- Campus drive is over with Continental waiting for results for 2021 batch.
- Drive is scheduled on 23rd Nov 2021 by Covalence Digital for 2022 batch.
- Drive is scheduled on first week Dec 2021 by Altimetrik for 2022 batch.
- TCS has provided 31 job offers for 2022 batch.
- Wipro has provided 27 job offers for 2022 batch.
- Total 70 students were placed in the month of October.

Placement Summary:

Companies that are lined up for hiring of 2022 batch:

- Covalense Digital, Altimetrik. Sasken, Maventic, Codeyoung, Signdesk, Productive, Kodnest
- Qsoiders, FIS Global, Eleation.

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Thank You