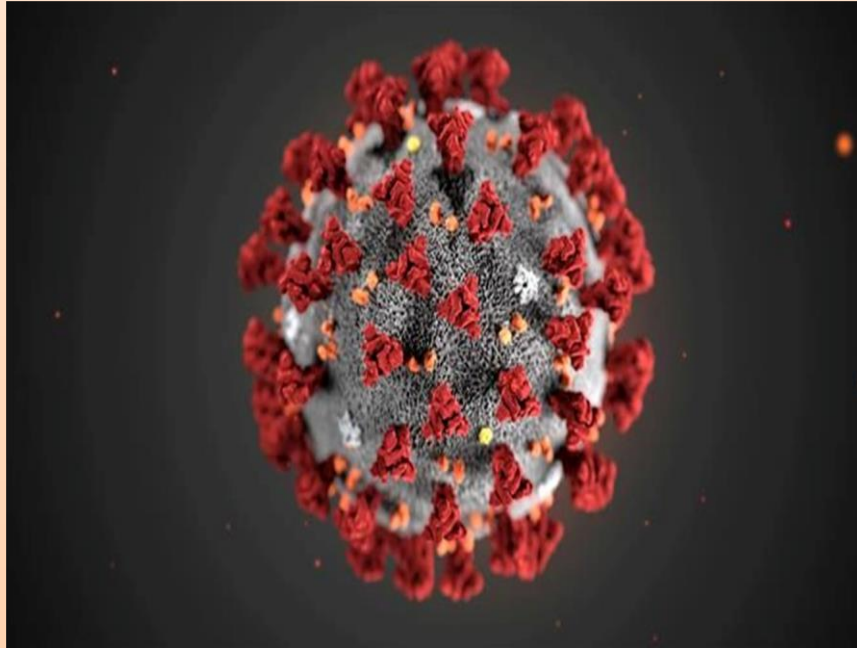




NIRZER

NEWSLETTER OF MECHANICAL ENGINEERING DEPARTMENT

Volume 10 and 11 issue 1 and 2, January 2020-December 2021, Mechanical Engineering Department, GEC



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INSTITUTE VISION

A TECHNICAL INSTITUTE WITH A FOCUS ON EXCELLENCE IN ACADEMICS, RESEARCH, INDUSTRY COLLABORATION AND NURTURING HUMAN VALUES IN STUDENTS

INSTITUTE MISSION

- FORMULATE & IMPLEMENT CURRICULUM THAT ENSURES HIGH ACADEMIC STANDARDS
- PROVIDE INFRASTRUCTURE THAT MEETS ACADEMIC AND ADVANCED RESEARCH REQUIREMENTS.
- COLLABORATE WITH NATIONAL, INTERNATIONAL INSTITUTIONS, LABORATORIES AND INDUSTRIES THROUGH STUDENT AND FACULTY EXCHANGE PROGRAMS AND INTERNSHIPS.
- UNDERTAKE CONSULTANCY PROJECTS THAT ARE RELEVANT TO THE STATE & NATION.
- IMPART HUMAN VALUES, AWARENESS OF ENVIRONMENT AND SUSTAINABLE SOLUTIONS IN STUDENTS AND FACULTY.
- NURTURE INNOVATION, ENTREPRENEURSHIP, LEADERSHIP AND RESOURCE MANAGEMENT SKILLS

DEPARTMENT VISION

IMPART HIGH QUALITY KNOWLEDGE & SKILLS TO STUDENTS IN THE FIELD OF MECHANICAL ENGINEERING, ENCOURAGE RESEARCH, INDUSTRY BASED PROJECTS LEADING TO CONSULTANCY & NURTURE HUMAN VALUES AND LIFE SKILLS

DEPARTMENT MISSION

M1: IMPART KNOWLEDGE AND SKILL BASED TRAINING IN MECHANICAL ENGINEERING AND ALLIED FIELDS

M2: PROMOTE RESEARCH AND INDUSTRY BASED PROJECTS

M3: INCULCATE LEADERSHIP QUALITIES, HUMAN VALUES, CONCERN FOR ENVIRONMENT AND SOCIETY

M4: NURTURE INNOVATION, ENTREPRENEURSHIP AND RESOURCE MANAGEMENT SKILLS

PROGRAM EDUCATIONAL OBJECTIVES

PEO 1 IMPART KNOWLEDGE, PROBLEM SOLVING SKILLS, USAGE OF MODERN TOOLS RELATED TO MECHANICAL ENGINEERING AND ALLIED FIELDS

PEO 2 ENCOURAGE TEAM WORK AMONG STUDENTS IN SOLVING COMPLEX PROBLEMS, DESIGN OF COMPONENTS AND SYSTEMS.

PEO 3 NURTURE HUMAN VALUES, CONCERN FOR ENVIRONMENT AND SOCIETY IN THE STUDENTS

PEO 4 INCULCATE PROJECT MANAGEMENT, COMMUNICATION AND LIFE SKILLS IN THE STUDENTS

PROGRAM OUTCOMES

PO 1: Engineering Knowledge: Apply the knowledge of mathematics, science, engineering fundamentals and an engineering specialization to the solution of complex engineering problems.

PO 2: Problem Analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences and Engineering sciences.

PO 3: Design/Development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs

with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

PO 4: Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

PO 5: Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.

PO 6: The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

PO 7: Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

PO 8: Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

PO 9: Individual and team work: Function effectively as an individual and as a member or leader in diverse teams, and in multidisciplinary settings.

PO 10: Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

PO 11: Project management and finance: Demonstrate knowledge and understanding of the engineering management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

PO 12: Life-long learning: Recognize the need for and have the preparation and ability to engage in independent and lifelong learning in the broadest context of technological change.

PROGRAM SPECIFIC OUTCOMES

PSO 1: Students must be able to apply principles of mechanical engineering, basic science and mathematics to model, analyze, design and realize physical systems and processes.

PSO 2: Students must be able to work professionally in interdisciplinary teams, communicate effectively, and demonstrate time & resource management skills, with knowledge of legal and ethical practices.

DEPARTMENTAL NEWS

COURSES ATTENDED

Dr. Suraj Rane attended the following courses.

- One-week Short Term Training Programme on “SPOCS & MOOCS Courseware Development” at NITTTR, Goa Centre from 7-11 September 2020.
- One-week Short Term Training Programme on “Design, Development & Use of Rubrics in Student Assessment” at NITTTR, Goa Centre from 19-23 Oct. 2020.
- One-week Short Term Training Programme on “Green Technologies for Sustainable Development” at NITTTR, Goa Centre from 15-19 Feb. 2021.
- Three days Short Term Training Programme on “Workshop for Finalizing Modalities for Industrial Training for Teachers for Engineering and Pharmacy” at NITTTR, Goa Centre from 20-22 April 2021.
- Three days Short Term Training Programme on “Outcome Based Skill education” at NITTTR, Goa Centre from 24-26 May 2021.
- One-week Short Term Training Programme on “Automotive Air-Conditioning” at NITTTR, Goa Centre from 07-11 June 2021.
- One-week Short Term Training Programme on “Biofuels: A Clean Green Alternative Fuel for IC Engines” organized by NITTTR Bhopal and TERI, at NITTTR, Goa Centre from 12-16 July, 2021.
- One-week Short Term Training Programme on “Recent Trends in Automotive Technology” at NITTTR, Goa Centre from 18-22 October 2021.

Dr. Akshay Nigalve attended the following courses

- One Week programme on Green Technologies for Sustainable Development from 15/02/2021 to 19/02/2021 organized by NITTTR Bhopal in online mode
- One Week programme on National Education Policy and AICTE 360° Feedback from 05/04/2021 to 09/04/2021 organized by NITTTR Bhopal in online mode
- One Week programme on Automotive Air Conditioning from 07/06/2021 to 11/06/2021 organized by NITTTR Bhopal in online mode

- One Week programme on Bio Fuels A Clean Alternative for IC Engines from 12/07/2021 to 16/07/2021 organized by NITTTR Bhopal in online mode

Dr. Vinay Shiroadkar attended the following courses

- INNOVATIVE TEACHING TECHNIQUES IN SCIENCE AND ENGINEERING from 05 October to 09 October 2021, at the National Institute of Technical Teachers Training and Research Bhopal Extension Centre Goa
- Workshop for Finalising Modalities for Industrial Training for Teachers for Engineering and Pharmacy from 20 April to 22 April 2021, at the National Institute of Technical Teachers Training and Research Bhopal Extension Centre Goa.
- AUTOMOTIVE AIR-CONDITIONING from 07 June to 11 June 2021, at the National Institute of Technical Teachers Training and Research Bhopal Extension Centre Goa

Dr. Milind Sakhardande attended the following courses

- 1-week workshop on RESEARCH PAPER AND RESEARCH PROPOSAL WRITING from 20th to 24th July 2020 at the National Institute of Technical Teachers Training and Research Bhopal extension Centre Goa
- 1-week workshop on OUTCOME-BASED SKILL EDUCATION IN THE NEP CONTEXT from 20th to 24th July 2020 at the National Institute of Technical Teachers Training and Research Bhopal extension Centre Goa
- DESIGN DEVELOPMENT AND USE OF RUBRIC IN STUDENTS ASSESSMENT from 19 October to 23 October 2020, at the National Institute of Technical Teachers Training and Research Bhopal extension Centre Goa.
- OUTCOME-BASED SKILL EDUCATION IN THE NEP CONTEXT from 1 September to 03 September 2021, at the National Institute of Technical Teachers Training and Research Bhopal Extension Centre Goa.
- RECENT TRENDS IN AUTOMOTIVE TECHNOLOGY from 18 October to 22 October 2021, at the National Institute of Technical Teachers Training and Research Bhopal Extension Centre Goa.

- Carbon Footprint Reduction: Issues and Challenges (ATAL) from 08 November to 12 November 2021.
- Alternate Fuels (ATAL) from 06 December to 10 December 2021

Dr. Mahesh Dhavalikar attended the following courses

- INNOVATIVE TEACHING TECHNIQUES IN SCIENCE AND ENGINEERING from 05 October to 09 October 2021, at the National Institute of Technical Teachers Training and Research Bhopal Extension Centre Goa.
- Workshop for Finalising Modalities for Industrial Training for Teachers for Engineering and Pharmacy from 20 April to 22 April 2021, at the National Institute of Technical Teachers Training and Research Bhopal Extension Centre Goa.
- AUTOMOTIVE AIR-CONDITIONING from 07 June to 11 June 2021, at the National Institute of Technical Teachers Training and Research Bhopal Extension Centre Goa.
- OUTCOME-BASED SKILL EDUCATION IN THE NEP CONTEXT from 01 September to 03 September 2021, at the National Institute of Technical Teachers Training and Research Bhopal Extension Centre Goa.

Dr. Jagannath Hirkude, attended the following courses

- Completed “Induction programme Phase II (2 weeks) by NITTTR Bhopal Goa Centre on 17 – 28 May 2020, online Mode.
- Attended GUIDANCE COUNSELLING AND MENTORING SKILLS organised by NITTTR Bhopal Goa Centre on 02-11-2020 to 06-11-2020, in online mode.
- Attended ENERGY EFFICIENCY IN LABORATORY AND WORKSHOP organised by NITTTR Bhopal Goa Centre on 01-02-2021 to 03-02-2021, in online mode.
- Attended WORKSHOP FOR FINALIZING MODALITIES FOR INDUSTRIAL TRAINING FOR ENGINEERING TEACHERS organised by NITTTR Bhopal Goa Centre on 20-04-2021 to 22-04-2021, in online mode.
- Attended AUTOMOTIVE AIR-CONDITIONING organised by NITTTR Bhopal Goa Centre on 07-06-2021 to 11-06-2021, in online mode.

- BIO FUELS A CLEAN GREEN ALTERNATIVE FUEL FOR IC ENGINES NITTTR Bhopal from 12 – 16 July 2021.

Prof. Gajesh Usgaonkar attended the following courses

- INNOVATIVE TEACHING TECHNIQUES IN SCIENCE AND ENGINEERING from 05 October to 09 October 2021, at the National Institute of Technical Teachers Training and Research Bhopal Extension Centre Goa.
- Energy Efficiency in Laboratory and Workshop from 01 February to 03 February 2021, at the National Institute of Technical Teachers Training and Research Bhopal Extension Centre Goa.
- National Education Policy and AICTE 360 Degree Feedback from 05 April to 09 April 2021, at the National Institute of Technical Teachers Training and Research Bhopal Extension Centre Goa
- Workshop for Finalising Modalities for Industrial Training for Teachers of Engineering and Pharmacy College from 20-22 April 2021, at the National Institute of Technical Teachers Training and Research Bhopal Extension Centre Goa.
- Automotive Air-Conditioning from 18 October to 22 October 2021, at the National Institute of Technical Teachers Training and Research Bhopal Extension Centre Goa.
- Bio Fuels a Clean Green Alternative Fuel for IC Engines from 12 to 16 July 2021, at the National Institute of Technical Teachers Training and Research Bhopal Extension Centre Goa.
- Outcome Based Skill education in The NEP Context from 01 to 03 September 2021, at the National Institute of Technical Teachers Training and Research Bhopal Extension Centre Goa

Dr. B S Manohar Shankar attended the following courses

- Effective management of Engg lab/ workshop from 15 to 19 June 2020, at the National Institute of Technical Teachers Training and Research Bhopal Extension Centre Goa.

- Statistical tools in science and engg research from 06 to 10 June 2020, at the National Institute of Technical Teachers Training and Research Bhopal Extension Centre Goa.
- Green technologies for sustainable development from 15 to 19 February 2021, at the National Institute of Technical Teachers Training and Research Bhopal Extension Centre Goa.
- BIO FUELS A CLEAN GREEN ALTERNATIVE FUEL FOR IC ENGINES from 12 to 16 July 2021, at the National Institute of Technical Teachers Training and Research Bhopal Extension Centre Goa.
- Outcome based skill education in the NEP context from 01 to 03 September 2021, at the National Institute of Technical Teachers Training and Research Bhopal Extension Centre Goa.
- Automotive air conditioning from 07 to 11 June 2021, at the National Institute of Technical Teachers Training and Research Bhopal Extension Centre Goa.

Dr. Mahesh Caisurkar attended the following courses

- Energy Efficiency in Laboratory and Workshop from 01st February to 03rd February 2021, at the National Institute of Technical Teachers Training and Research Bhopal Extension Centre Goa.
- Outcome-Based Skill Education in the NEP Context from 01st September to 03rd September 2021, at the National Institute of Technical Teachers Training and Research Bhopal Extension Centre Goa.
- Rubrics for assessment of project work, Problem based learning and Industrial training from 16th August to 18th August 2021, at the National Institute of Technical Teachers Training and Research Bhopal Extension Centre Goa.
- Innovative Teaching Techniques in Science and Engineering from 05th October to 09th October 2021, at the National Institute of Technical Teachers Training and Research Bhopal Extension Centre Goa.
- Alternate Fuels (ATAL) from 06th December to 10th December 2021.

- One Week National Level Online Faculty Development Program on “ Innovations in Materials and Manufacturing Processes (IMMP-2021)” organized by the Department of Mechanical engineering, Vemu Institute of technology, held from 21st to 25th June 2021.
- AICTE 360⁰ feedback (WEBINAR) on 08th April 2022, at the National Institute of Technical Teachers Training and Research Bhopal Extension Centre Goa.

Dr. Raghavendra D. Naik attended the following courses

- Induction Training Programme Phase-II from 18-29 May 2020, at the National Institute of Technical Teachers Training and Research Bhopal Extension Centre Goa.
- Statistical Tools in Science and Engineering Research from 6-10 July 2020, National Institute of Technical Teachers Training and Research Bhopal Extension Centre Goa.
- Research paper and Research Proposal Writing from 20-24 July 2020, National Institute of Technical Teachers Training and Research Bhopal Extension Centre Goa.
- Energy Efficiency in Laboratory and Workshop from 01-03 February 2021, at the National Institute of Technical Teachers Training and Research Bhopal Extension Centre Goa.
- Automotive Air-Conditioning from 07-11 June 2021, at the National Institute of Technical Teachers Training and Research Bhopal Extension Centre.
- RECENT TRENDS IN AUTOMOTIVE TECHNOLOGY from 18-22 October 2021, at the National Institute of Technical Teachers Training and Research Bhopal Extension Centre Goa.

Dr. Harichandra Chandekar attended following courses/workshop

- One week short term training programme on “**Effective Management of Engineering Laboratory/Workshop**” conducted by National Institute of Technical Teachers’ Training and Research, Bhopal from 15th June to 19th June 2020 in online mode

- One week short term training programme on “**Statistical Tools in Science and Engineering Research**” conducted by National Institute of Technical Teachers’ Training and Research, Bhopal from 6th July to 10th July 2020 in online mode.
- Two weeks Online Faculty Development Programme on “**Advanced Optimization Techniques and hands-on with MATLAB/SCILAB**” jointly organized by Electronics and ICT Academics of MNIT Jaipur, NIT Patna and IIIT DM Jabalpur financed by Ministry of Electronics and Information Technology (MeitY), Govt. of India, from 13th July to 24th July 2020 in online mode.
- One week short term training programme on “**Design, Development and Use of Rubric in Students Assessment**” conducted by National Institute of Technical Teachers’ Training and Research, Bhopal from 19th October to 23rd October 2020 in online mode.
- One week short term training programme on “**Green Technologies for Sustainable Development**” conducted by National Institute of Technical Teachers’ Training and Research, Bhopal from 15th February to 19th February 2021 in online mode.
- One week short term training programme on “**Bio fuels A Clean Green Alternative Fuel for IC Engines**” conducted by National Institute of Technical Teachers’ Training and Research, Bhopal from 12th July to 16th July 2021 in online mode.
- Three days short term training programme on “**Outcome Based Skill Education in the NEP Context**” conducted by National Institute of Technical Teachers’ Training and Research, Bhopal from 01st September to 3rd September 2021 in online mode.
- One week short term training programme on “**Recent Trends in Automotive Technology**” conducted by National Institute of Technical Teachers’ Training and Research, Bhopal from 18th October to 22nd October 2021 in online mode.

PhD awarded to Prof. Milind Sakhardande

Dr. Milind Sakhardande received the first PhD in Mechanical Engineering from Goa University, Title of the theses **“Facility Location With Optimal Supply Chain Performance Measures in Developing Countries – Issues and Challenges”**. Abstract of his research work is given below:

Facility location decision making includes investment decisions with constraints on the quantity of production and distribution of goods. Considering developing countries like India, locating a facility has been a challenging issue. From the cases in India, like the Tata Nano plant shift from West Bengal to Gujarat, or the Goa Nylon 66 plant agitation, it is obvious that location decisions in developing countries is a difficult task. It is evident that the supply chain performance measures that affect the strategic and operational decisions are required to be integrated with facility location decisions. It is seen that the factors that affect facility location decisions have a direct or indirect effect on the performance measures. Moreover, the factors that can affect the location decision making drastically should be identified at the earliest stage. The research work is carried out with an aim of locating a facility that will ensure such requirements at optimum levels. A thorough literature review concerning all relevant areas of research problem has been carried out to identify the literature gap in the initial stage of the research. It is observed that in most of the research papers reviewed, there is no due weight age given supply chain performance measures in location decision making. Fifty-seven factors including the existing factors identified through past research and the dormant factors that affect facility location decisions and supply chain performance are identified through literature and brain storming and have been classified in terms of strategic and operational factors using PESTLE tool, with an objective of aligning the factors with supply chain performance measurement. An innovative fuzzy method in line with ranking by paired comparison to take care of large data matrix has been proposed. Cronbach's Alfa has been used for the first time to validate incoming fuzzy data in this research. The proposed method has been validated against this existing

fuzzy AHP method. As fuzzy AHP has a limitation of solving large data matrix on a single level, a novel mapping approach has been proposed to solve the large data matrix problems using fuzzy AHP. The advantages of proposed method over fuzzy AHP in terms of time and space complexities are identified. The proposed method has been further extended for a risk based ranking application to address the dynamic nature of the dormant factors. It is seen that the underlying factors like maturity of political leadership, blind belief in leadership, bureaucratic hurdles, internal turbulence, internal threats, role of parallel economy that are not considered for facility location selection till now show an upward trend of movement in ranking with risk based ranking approach. To identify the various business investment opportunities, ranking of sectors identified through Make in India has been done using the proposed method and fuzzy AHP with validation. To conclude the research objectives, the proposed method is further used for finding out the best location for a solar power plant in Goa, India with direct and combinatorial approach.

OTHER DETAILS:

MONTH AND YEAR OF ENROLLMENT: SEPTEMBER 2015

MONTH AND YEAR OF REGISTRATION: SEPTEMBER 2015

MONTH AND YEAR OF SUBMISSION: MARCH 2021

MONTH AND YEAR OF AWARD: JULY 21

NAME OF SUPERVISOR: DR. RAJESH SURESH PRABHU GAONKAR

DESIGNATION OF SUPERVISOR: PROFESSOR IN MECHANICAL ENGINEERING



Wishing
DR. MILIND JAIWANT
SAKHARDANDE,

a hearty congratulations on receiving the first
PhD in Mechanical Engineering from Goa University.

लोकमत

**‘मेकॅनिकल’मध्ये
मिलिंद साखरदांडे
यांना पीएचडी**

लोकमत न्यूज नेटवर्क
पणजी : फर्मागुडी येथील गोवा
अभियांत्रिक



महाविद्यालयाचे प्रा.
मिलिंद साखरदांडे
यांनी मेकॅनिकल
इंजिनियरिंगमध्ये
पी.एच.डी मिळविली
आहे. गोवा

विद्यापीठातून मेकॅनिकल
इंजिनियरिंगमध्ये पीएचडी करणारे ते
पहिले व्यक्ती आहेत. मुख्यमंत्री डॉ. प्रमोद
सावंत यांनी प्रा. साखरदांडे यांचे
अभिनंदन केले आहे. अभियांत्रिक
महाविद्यालयाचे ते सहाय्यक प्राध्यापक
आहेत. प्रा. साखरदांडे यांनी १९९२ गोवा
कॉलेज ऑफ इंजिनीअरिंगमध्ये पदवी
प्राप्त केली आहे. त्यांनी १९९९ मध्ये गोवा
विद्यापीठातून औद्योगिक
अभियांत्रिकीमध्ये मास्टर्स पूर्ण केले
आणि २००४ मध्ये आयआयटी मुंबई
येथून एमटेक पूर्ण केले. त्यांना २५
वर्षांपेक्षा जास्त शिक्षणाचा अनुभव आहे.

Prof. Balkrishna Chodankar joined Goa College of Engineering

Prof. Balkrishna Chodankar joined Goa College of Engineering on 29th June 2021 as Assistant Workshop Superintendent. Before joining GEC he worked at Government Polytechnic Bicholim as Lecturer (Selection Grade). He has a total combined experience of 30 years in Academia and industry. He is a certified Boiler Proficiency Engineer from Government of Maharashtra which authorizes him to take charge of Boilers, Turbines, Internal Combustion Engines and machineries using steam. He is also a Certified Energy Auditor cum Energy Manager from Bureau of Energy Efficiency, Ministry of Power, Government of India and CQI and IRCA Certified ISO 50001:2018 Lead Auditor Energy Management Systems. He did his Bachelor degree in Mechanical Engineering from Goa College of Engineering, Master of Technology in Mechanical Heat Power Engineering from College of Engineering Pune, Master of Business Administration in Financial Management from IGNOU. He has experience of installation, commissioning, operation and maintenance of blast furnaces, boilers, steam turbines, diesel generators, compressors, pumps, fans, cooling towers, etc. He was elected as Secretary of Institution of Engineers (India), Goa State Centre for the year 2019 and is presently elected as the President of Goa Chapter of Indian Society of Heating, Refrigerating and Air Conditioning Engineers. He specializes in subjects of Thermal and Fluid Engineering. His research interests are Energy Conservation, and Optimization of Thermal Systems. He is a recognized reviewer for the international journal 'ENERGY' from Elsevier and was awarded Certificate of Outstanding Contribution in Reviewing by the Editors of the Journal. He has completed several training programs and recently was recognized as NPTEL DISCIPLINE STAR in Mechanical Engineering.



OTHER DEPARTMENTAL ACTIVITIES

- **Dr. Milind Sakhardande** successfully defended his PhD thesis entitled “Facility Location With Optimal Supply Chain Performance Measures in Developing Countries – Issues and Challenges” on 23rd July 2021 under the guidance of DR. Rajesh Prabhu Gaonkar, Professor, IIT Goa.
- **Dr. Milind Sakhardande** was the first candidate to complete PhD in Engineering from Goa University.
- **Dr. Akshay V. Nigalye** has been appointed as Chairperson Board of Studies in Mechanical Engineering, Goa University vide order No. GU/Acad-PG/61/BoS-Mech-Engg/2021/04 Dated: 06/04/2021 for a period of 3 years.
- **Dr. Akshay V. Nigalye** was appointed as Chairperson on Board of Viva Voce Examination of PhD student in mechanical Engineering, Mr. Milind J. Sakhardande.
- **Dr. Akshay V. Nigalye** was appointed as Chairperson on Board of Viva Voce Examination of PhD student in Electrical and Electronics Engineering, Ms. Anudev S.
- **Dr. Vinay Shirodkar** organized a value addition talk titled “3D Mechanical Engineering and Design Softwares” by Mr. Manjunath Ainapure and Mr. Tushar R. Naik from IMS CAD centre on 20th February 2020
- **Dr. Vinay Shirodkar** organized a webinar on ‘India’s Freedom Struggle’ by Prof. Prajal Sakhardande on 12th March 2021 to mark the opening ceremony of ‘Azadi ka Amrut Mohatsav’
- **Dr. Vinay Shirodkar** delivered a talk titled ‘Real Life Problem Formulations and Solution Strategies’ for the online AICTE Training and Learning (ATAL) Academy workshop on ‘Operations Management’, organized by the department from 16th to 20th August 2021.

INVITED/ GUEST LECTURES

- Dr. Milind Sakhardande delivered a webinar on “Understanding Supply Chains” on 16th December 2021. The webinar was organised by Department of Mechanical Engineering, K. S. School of Engineering and Management, Bengaluru.



K S GROUP OF INSTITUTIONS
K. S. SCHOOL OF ENGINEERING AND MANAGEMENT
No. 15, Mallasandra, off Kanakapura Road, Bengaluru - 560109
Phone : 080-28425012, Fax : +91-80-28425164, Web : www.kssem.edu.in

DEPARTMENT OF MECHANICAL ENGINEERING
is organising
Webinar
on
"Understanding Supply Chains"



Speaker:
Dr. Milind Sakhardande
Associate Professor
Mechanical Engineering Department
Goa College of Engineering, Goa

Date: 16/12/2021
Time: 11:00 AM

Meeting Details:
ID: 964 654 1018
Passcode: 123456
<https://us04web.zoom.us/j/9646541018?pwd=MWh2MU10NElnVG9BU0lKSncyT0FOUT09>

- **Dr. Milind Sakhardande** was a resource person for ATAL FDP on Operations Management organised by Department of Mechanical Engineering, Goa College of Engineering, Goa. The Title of the expert lecture was Multi Criteria Decision Making Applications in Supply Chain Management. The FDP was scheduled from 16th August to 20th August 2021.

- **Dr. Jagannath Hirkude**, delivered talk on **Air Refrigeration Cycles** at **AICTE sponsored STTP One Week FDP** on Emerging trends in Refrigeration and Air conditioning on 08-13 June 2020 at Rajeshree Shahu Maharaj Polytechnic Nashik Maharashtra.
- **Dr. Jagannath Hirkude**, was **RESOURCE PERSON** in the **AICTE Training And Learning (ATAL) Academy Online Elementary FDP** on "Implementation of Emerging Waste-To-Energy Technologies - An Opportunity and The challenges On Energy Recovery Systems " from 15/11/2021 to 19/11/2021 at New Horizon College of Engineering .
- **Dr. Jagannath Hirkude**, was **RESOURCE PERSON** in the **AICTE Training and Learning (ATAL) On“ Alternative fuels : Biofuels ”** From 4th to 08th October 2021, Organised by Department of Mechanical Engineering,P.D.A. College of Engineering , Kalaburagi.
- **Dr. Jagannath Hirkude**, was **RESOURCE PERSON** in the **AICTE Training and Learning (ATAL) On“ Alternative fuels : Biofuels ”** From 6th to 10th December 2021, Organised by Department of Mechanical Engineering, Goa College of Engineering , Goa.
- **Dr. Mahesh Dhavalikar**, was **RESOURCE PERSON** in the **AICTE Training and Learning (ATAL) On“OPERATIONS MANAGEMENT”** From 16th to 20th August 2021, Organised by

PAPERS PRESENTED/ PUBLISHED/BOOK CHAPTERS

JOURNAL PUBLICATIONS

- **Dr. milind sakhardande**, published paper titled “Potential Based Ranking of Sectors identified in “Make in India’ initiative using fuzzy AHP: the academicians’ and industry professionals’ perspective”, **INTERNATIONAL JOURNAL OF SYSTEM ASSURANCE ENGINEERING & MANAGEMENT**, February 2021.
- **Dr. Akshay V. Nigalve**, published paper titled “Possibilistic Approach for Travel Time Reliability Evaluation”, **International Journal of Mathematical, Engineering and Management Sciences** Vol. 6, No. 1, 2021, pp223-243.
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- **S. Kamble, S. Rane**, published paper titled “Reliability Analysis and Condition-Based Maintenance of Marine Engine”, Nath J. K., Tripathy S., Pradhan B. B. and Mohanty R. P. (Eds. Advances in Mechanical Engineering in the Era of New Technologies, pp. 307-314, Siksha ‘O’ Anusandhan (Deemed to be University), India 2020.
- **P. Naik, S. Rane**, published paper titled “Integrated Robust Design Methodology and Dual Response Surface Methodology Approach in Optimization of Powder Coating Process”, In Kapur P. K., Singh G. and Panwar S. (Eds.), Advances in Interdisciplinary Research in Engineering and Business Management, pp. 159-174, Springer Nature Singapore Pte. Ltd 2021.
- **Jagannath Hirkude**, published paper titled “Optimization of PID Governor Coefficient for Turbocharged Diesel Engine”, International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-8, Issue-6, March 2020, Scopus Indexed Journal.
- **Jagannath Hirkude**, published paper titled “Design & Development of Firefighting and Surveillance -Unmanned Arial Vehicle”, Journal which is the official publication of Fire & Security Association of India (FSAI) In Sept-Oct '20 issue, (Co Authors Final year BE students, Sunay Dharwadkar, Risha Hegade).
- **A. Pai, G. Joshi, S. Rane**, published paper titled “Quality and reliability studies in software defect management: A literature review”, International Journal of Quality & Reliability Management DOI: <https://doi.org/10.1108/IJQRM-07-2019-0235>, 2021.
- **A. Shirodkar, S. Rane**, published paper titled “ Evaluation of Coordinate measuring machine using Gage Repeatability & Reproducibility”, Journal of System Assurance Engineering and Management, Vol. 12, pp. 84–90.

- **V.A. Afonso , S. Mhalsekar**, Do Rosario E Souza published paper titled “ Different Approach for Solving Generalized Assignment Problem”, Industrial Engineering Journal, Volume 12, Issue 8 ,August 2019.
- **Mahesh Caisucar, Amey Naik Dessai & Gajesh Usgaonkar**, published paper titled “Validation of portfolio allocation in NPD: fuzzy-TOPSIS and COPRAS-grey approach”, International Journal of System Assurance Engineering and Management volume 12, pages37–43 (2021) .
- **Manohar Shankar B S, Shivashankarayya Hiremath and S M Kulkarni**, published paper titled “Effect of ketjenblack and barium titanate on the piezoresistive behaviour of silicone rubber particulate composites”, Engineering Research Express, 2021 Eng. Res. Express 3 035031.
- **Harichandra Chandekar, Vikas Chaudhari and Sachin Waigaonkar**, published paper titled “A review of jute fiber reinforced polymer composites”, Materials Today: Proceedings, Volume 26, Part 22020, Pages: 2079-2082. (Available online 11 March 2020).
- **Harichandra Chandekar, Sachin Waigaonkar and Vikas Chaudhari**, published paper titled “Effect of chemical treatment on creep-recovery behaviour of jute-polypropylene composites”, Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications, Volume 235, Issue 2, Pages: 329-340, 2021.
- **Harichandra Chandekar, Swadesh Dixit, Vikas Chaudhari, and Sachin Waigaonkar**, published paper titled “Analysis of Short Jute Fiber-Polypropylene Composite Using Experimental and XFEM Approach”, Journal of Natural Fibers, In Press, (Published online: 17 Jan 2021).
- **Harichandra Chandekar, Vikas Chaudhari, and Sachin Waigaonkar**, published paper titled “Theoretical models for Stiffness Prediction of Short Fibre Composites”, Materials Today: Proceedings, In Press, (Published online: 19 February 2022).
- **RD Naik, SD Mhalsekar**, published paper titled “Bound on Amplitude of a MEMS Resonator by Approximating the Derivative of the Lyapunov Function in Finite Time”, International Journal of Structural Stability and Dynamics 21 (06), 2171003

CONFERENCE PAPER PUBLICATION

- **Jagannath Hirkude**, presented a paper titled “ Modelling and Simulation of the Load Governing System of Steam Turbine”, 5-7 August 2020. The 2nd International Conference on Future Learning Aspects of Mechanical Engineering, FLAME 2020 organised by Organised by Department of Mechanical Engineering, Amity School of Engineering & Technology, Amity University Uttar Pradesh, Noida (Co Author is Final year student Sharven Kerkar)
- **Milind Sakhardande, Deepak Kamath** presented a paper titled “Ranking of factors Affecting Facility Location Using Fuzzy AHP”, ICMMAAC-21, JECRC University, Jaipur, India, August 2021.
- **Milind Sakhardande, Siddhesh Sudarshani** presented a paper titled “Neutrosophic set theory in MCDM: A review”, 63rd national convention of Indian Institution of Industrial Engineering, Baroda, December 2021
- **Maheshkumar N, Shridhar M**, presented a paper titled “ Application of particle swarm optimization in vehicle routing problem”, International E-Conference on Engineering Science, Technology and Management (IECSTM-2020), Greater Noida, India, 28th June 2020.
- **Amardeep G, Shridhar M, Leonard G**, presented a paper titled “ Improving production scheduling to increase throughput in toothbrush industry”, International Conference on “Smart Strategies for Self-Reliant Economy- An Industrial Engineering Perspective", (RCOEM 2021), Nagpur, India, 8-9 October 2021.
- **Ashray D, Shridhar M, Shrinivas N**, presented a paper titled “ Study on effect of supply chain performance in toothbrush industry”, International Conference on “Smart Strategies for Self-Reliant Economy- An Industrial Engineering Perspective", (RCOEM 2021), Nagpur, India, 8-9 October 2021.
- **Amardeep G, Shridhar M, Leonard G**, presented a paper titled “ Improving production scheduling to increase throughput in toothbrush industry”, International Conference on “Smart Strategies for Self-Reliant Economy- An Industrial Engineering Perspective", (RCOEM 2021), Nagpur, India, 8-9 October 2021.

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Book Chapter Publication

- **Jagannath Hirkude**, published book chapter titled “Modeling and Simulation of the Load Governing System of Steam Turbine” Book: Advances in Fluid and Thermal Engineering, Pages 327-338, Publisher Springer Nature, 2021.
- **Jagannath Hirkude**, published book chapter titled “Investigations on Performance of CI Engine with Waste Palm Oil Biodiesel-Diesel Blends Using Response Surface Methodology”, Springer Proceedings in Energy, Advances in Energy Research, Vol. 2, 505-514 (Scopus Indexed Journal).

MESA Value Addition workshop on 'Relax and Excel'

Mechanical Engineering Students' Association (MESA) organized a Value Addition talk on 'Relax and Excel' by Mr. Floyd D'Silva on 12th March, 2020 for the Third Year Mechanical Engineering students. The event began with the singing of the national anthem. Dr. Vinay Shirodkar, Head of Mechanical Engineering Department welcomed the speaker for the event and addressed the necessity of such a workshop for students, especially of the Third year.

The workshop was divided into three parts. The first part included an interactive session with the students where Mr. Floyd D'Silva brought to light the different ways students view success. A set of interviews were orchestrated between Mr, Floyd D'Silva and individual students to understand different and unique point of views about the same. The second part included tips and tricks to tackle the burden and stress that examinations pose to a student. Different techniques to studying efficiently and approaching the examination accordingly were discussed. The final part included a stress buster meditation for which the whole congregation was made to experience by closing their eyes.

The workshop was a success and received good feedback from the students and faculty alike. Dr. Suraj Rane, MESA Staff Advisor and Prof. Gajesh Usgaonkar, Coordinator Value Addition Activity were also present on the occasion. The function was compered by Mr. Glenn Vaz, Placement Secretary, MESA.



MESA Value Addition Talk on ‘3D Mechanical Engineering and Design Softwares’

Mechanical Engineering Students’ Association (MESA) organized a Value Addition talk on 3D Mechanical Engineering and Design Softwares by Mr. Manjunath Ainapure and Mr. Tushar R. Naik from IMS CAD Centre, Goa on 20th February, 2020 for Final Year Mechanical Engineering students. The event began with the singing of the national anthem. Dr. Vinay Shirodkar, Head of Mechanical Engineering Department welcomed both the speakers for the event and exhorted the students to learn latest design softwares. Mr. Tushar R. Naik, who is the Design Engineer for the Techno Engineer’s and also Computer Aided Design Mentor for IMS CAD, Goa, talked about the need and benefits of the Computer Aided Design in the Industries and how it has revolutionized the engineering design processes. He also spoke about the different softwares that are used like AutoCAD, Solidworks, CATIA, Creo, 3DS MAX and different Career opportunities available like CAD Draughtman, Design Engineer and many more. Mr. Manjunath Ainapure, an Automobile Engineer by profession with 11 years of experience as a Design Engineer and Development Engineer, talked about different principles on which the design technique is based upon and the

industrial demand. Dr.Suraj Rane, MESA Staff Advisor was also present on the occasion. The function was compered Mr. Prithviraj Naik, Chairman, MESA.



ACREX 2020 Visit to Greater Noida

ISHARE GEC Goa Students Chapter organized three-day visit (from 27 - 29 th February 2020) to ACREX India 2020 event being held from at at India Expo Mart Limited, Greater Noida., India. Around 25 students from Mechanical Engineering Department visited the event. ACREX India 2019 was South Asia's largest Exhibition and Conference on Air Conditioning, Heating, Ventilation and Intelligent Buildings. This event showcases products like Fire & Safety, Electrical & Plumbing Services Building Automation and the ever growing Cold Chain Industry etc. in the Building Construction, Electronics & Electrical Goods, Industrial Products, Environment & Waste Management industries. Dr. Jagannath Hirkude, Faculty Coordinator accompanied and organized the visit. The 3-day mega show was inaugurated by the officials of ISHRAE (Indian Society of Heating, Refrigerating and Air Conditioning) with a traditional ribbon cutting ceremony which was followed by officials watering plants at the venue to promote the vision of shudh vaayu (clean air). The 21st edition of the pioneer exhibition which focuses on indoor air quality, sustainable buildings and HVAC technology will witness worldwide involvement of exhibitors and visitors from over 25 countries including Belgium, Czech Republic, Egypt, France, Germany, Italy, Japan, Korea, Malaysia, Saudi Arabia, Singapore, Spain, Switzerland, Taiwan, The Netherlands, UAE, UK, Ukraine and USA.



ISHRAE Chapter Installation and Guest Lecture

30th of September 2020 saw the student council inaugural function for ISHRAE (The Indian Society of Heat and Air-conditioning Engineers) Goa chapter.

Dignitaries Present

Mr. Krishna Kumar Mitra, President, Lloyd Insulations (India) Ltd; *Chief Guest*

Mr. Devanand Patekar, President ISHRAE Goa Chapter, *Guest of Honor*

Dr. Krupashankara M.S., Principal, Goa College of Engineering

Dr. Vinay Shirodkar, Head, Mechanical Engineering Department, GEC

Prof. Brian Soares, Student Chair, ISHRAE Goa Chapter

Dr. Jagannath Hirkude, Faculty Advisor, ISHRAE, GEC Student Chapter

The new council members for ISHRAE Student Chapter GEC 2020 -21 were sworn in with Mast.

Chapter Working Committee

President: Mr. Shubham Bene

President-Elect: Mr. Shreyesh Vaingankar

Secretary: Mr. Archit Borkar

Treasurer: Mr. Rohit Narulkar

CWC Member: Mr. Ish Jha

CWC Member: Mr. Blasio Gonsalves

CWC Member: Mr. Shriyash Gaunker

The inaugural function concluded with Mast. Shubham Bene, Student of Mechanical Department GEC, proposing the vote of thanks, followed by an informative lecture on ‘ **Energy Conservation in Thermal Insulation** ’ by the resource person of the day and chief guest Mr. Krishna Kumar Mitra, President, Lloyd Insulations (India) Ltd;. The lecture concluded with a question-hour.

Goa College of Engineering
Farmagudi- Goa

ISHRAE

*cordially invites you for
installation of chapter working committee of*
ISHRAE GEC Student chapter 2020-21
on 30th September 2020 at 7:30pm

<p>MR. KRISHNA KUMAR MITRA President, Lloyd Insulations (India) Ltd (Chief Guest)</p> <p>DR. KRUPASHANKARA M.S. Principal, Goa College of Engineering</p> <p>PROF. BRIAN SOARES Student Chair, ISHRAE Goa Chapter</p>	<p>MR. DEVANAND PATEKAR President ISHRAE Goa Chapter (Guest of Honor)</p> <p>DR. VINAY SHIRODKAR Head, Mechanical Engineering Department, GEC</p> <p>DR. JAGANNATH HIRKUDE Faculty Advisor, ISHRAE, GEC Student Chapter</p>
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*Join Installation Ceremony
on Google Meet*

Link-
<https://meet.google.com/zax-akta-wtf>

ISHRAE Chapter Webinar

A Guest lecture on (Webinar) on “ HVAC Concepts and applications “ by Prof. (Dr.) Mahesh Shelar, Professor, Mechanical Engineering Department. K. K. Wagh Institute of Engineering and Research, Nashik was organized by GEC ISHRAE student chapter. Around 92 students from GEC, PCCE, DBCE and AITD have attended the session.

Mechanical Engineering Department
Goa College of Engineering
Farmagudi- Goa

ISHRAE

ISHRAE GEC STUDENT CHAPTER
Organizes
Webinar on
"HVAC Concepts and Applications"

Date-
14 July 2021


Time-
4:00 PM to 5:00 PM



Scan to join-

Link- <https://meet.google.com/ixu-ubdz-rew>

<p>DR. MAHESH SHELAR Professor, Mechanical Engineering, K.K Wagh Institute of Engineering and Research , Nashik Dr. Mahesh Shelar, M.Tech (Energy Systems Engineering) Ph.D. (Trigeneration). Professor in Mechanical Engineering at K.K Wagh Institute of Engineering Education and Research Nashik, Certified Energy Auditor. Teaching courses like HVAC, Thermodynamics, Energy Conservation and Management for over 22 years at K.K Wagh Institute of Engineering, Consultancy and Training in the area of Energy Audit and Thermal Design at Energy Cell Department of Mechanical Engineering.</p>	<p>DR. VINAY SHIRODKAR Head, Mechanical Engineering Department, GEC</p> <p>DR. JAGANNATH HIRKUDE Faculty Advisor, ISHRAE, GEC Student Chapter</p>
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ISHRAE Chapter Installation (2021-22)


**Goa College Of Engineering**
Farmagudi - Goa





Cordially invites you for
Installation of Chapter Working Committee of
ISHRAE GEC Student Chapter 2021-2022


On Saturday, 27 Nov 2021 from 6 pm to 7 pm
Meet link : <https://meet.google.com/jyh-ywjj-tqv>


**Mr. Sunil Shetye**
President IGC

**Dr. R.B. Lohani**
Chief Guest, Principal, GCE

**Mr. Balkrishna Chodankar**
President Elect IGC

**Dr. Jagannath Hirkude**
Faculty Advisor, GCE

**Dr. Akshay Niglaye**
Guest of Honour
HOD, Mech. Engg GCE

**Mr. Tanay Rege**
Students Activities Chair, IGC

Chapter Working Committee
2021-2022

President
Mr. Shreyash Vaingankar

President Elect
Mr. Smayan Sapre

Secretary
Mr. Rohan Shinde

Treasurer
Mr. Anish Sinai Gaitonde

Technical Advisor
Mr. Vasudev Vaze

CWC Member
Mr. Calvin Fernandes

CWC Member
Ms. Sakshi Shet

CWC Member
Mr. Jonathan Pereira

7th Prof. Uday Amonkar Memorial Lecture

IIIE Goa Chapter had organized a 7th Prof. Uday Amonkar Memorial Lecture on “Challenges and Opportunities in Corporate World” on the 18th of December, 2020 during 6.30 to 8.30 pm, where more than 100 participants from a various domain like industry, IIIE members, Faculty and Students joined for the lecture. Prof. Uday Amonkar memorial lecture series which Goa chapter organize on the 3rd of May of every year which happens to be IIIE Goa Chapter foundation day and birth anniversary of our beloved Prof. Uday Amonkar whose contribution in Industrial Engineering is unmeasurable, due to Corona-19 pandemic, it got postponed.

Same was celebrated on the 18th of December, 2020. The programme started with the IIIE song followed by National Anthem. Dr Mahesh Dhawalikar, Chairman, IIIE, Goa chapter welcomed and shared the Prof Uday Amonkar a short video about his life and contribution to Industrial Engineering. Dr Akshay Nigalye, Professor from Goa Engineering College and one of the close associate of Prof Uday Amonkar share his memories with prof. Uday Amonkar.

Prof. Milind Sakhardande, Vice Chairman, IIIE, Goa chapter, introduced the speaker Prof. Shashank Divekar, Corporate Trainer, Professor and Head- Corporate T&D, MIT School of

Telecom Management. Prof Shashank Completed his M.Com & Master in Management Science from Pune University. He held various positions: Roplas India Ltd, Pune as a Marketing Manager, Tata Honeywell Ltd as a Manager Commercial, Hoganas India Ltd. Pune as a Manager Commercial, Synergic India Pvt Ltd, Pune as General Manager Marketing, Milcon Institute of Management, HOD business Administration, Symbiosis Institute of International Business & Indiyana Global Institute of Management, Pune as a Dean academics. The session ended with a great Q &A session, giving the participants an understanding of the corporate world's challenges and opportunities. The vote of thanks was proposed by Dr Anant Naik, Vice-chairman IIIE, Goa chapter.



**INDIAN INSTITUTION OF INDUSTRIAL ENGINEERING
GOA CHAPTER**



**Cordially invites you for the 7th
Prof. Uday Amonkar Memorial Lecture**



**CHALLENGES AND OPPORTUNITIES IN
CORPORATE WORLD**

**Friday, 18th December 2020
6:30 PM**

Speaker



Prof. Shashank Divekar

Corporate Trainer & Retd. Professor & Head - Corporate T&D, MIT School of Telecom Management, University of Pune

Prof. Shashank completed his B.Com & Master in Management Science from Pune University. Currently he is associated with reputed management institutions as faculty and trainer such as ICFAI Business School, Pune, MIT School of Distance Education, Indira School of Business Studies & Shanti Business School, Ahmedabad.

He held various position: Roplas India Ltd. Pvt., Pune as a Marketing Manager, Tata Honeywell Ltd. as a Manager Commercial, Hoganas India Ltd. Pune as a Manager Legal & Commercial, Synergial India Pvt. Ltd, Pune as a General Manager Marketing, Mitcon Institute of Management, HOD-Business Administrator & Indyana Global Institute of Management, Pune as a dean.

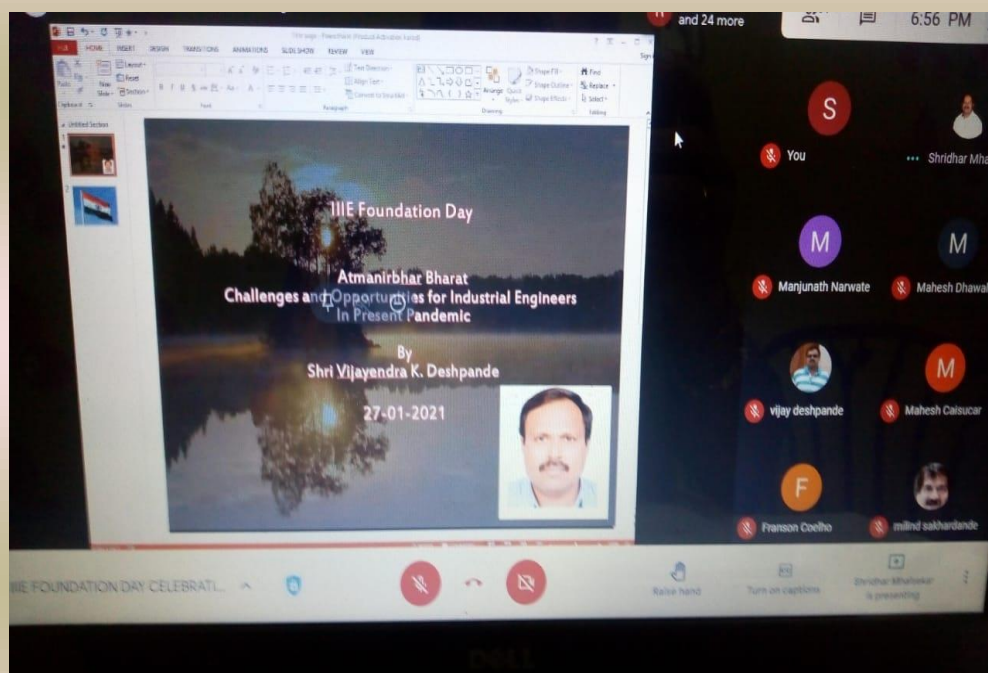


<https://meet.google.com/hpv-tfzt-jqb>

ATMANIRBHAR BHARAT: CHALLENGES & OPPORTUNITIES FOR INDUSTRIAL ENGINEERS IN PRESENT PANDEMIC

The IIIE Foundation Day was celebrated on 27-01-2021. On this occasion, IIIE Goa Chapter organized an online webinar on ATMANIRBHAR BHARAT: CHALLENGES & OPPORTUNITIES FOR INDUSTRIAL ENGINEERS IN PRESENT PANDEMIC. More than 50 participants from various domains like industry, IIIE members, Faculty, and Students participated in the celebration. The session was delivered by Shri Vijaendra Deshpande, Goa Shipyard Limited, Vasco-Da-Gama, Goa.

Mr Deshpande enlightened the participants about ATMA NIRBHAR BHARAT. He explained how large-scale industries could help small-scale industries to attain ATMA NIRBHAR BHARAT. He also shed light on different pillars of ATMA NIRBHAR BHARAT. Mr Deshpande also emphasized on different policies and reforms related to ATMA NIRBHAR BHARAT. Also, he explained about opportunities and challenges that comes with self-reliance. The session ended with a great Q &A session, giving the participants an understanding of Atmanirbhar's challenges and opportunities. Prof. Suraj Marathe, Secretary-IIIE Goa Chapter, proposed the vote of thanks.



Webinar on “India's freedom struggle”

As a part of celebration of 'Azadi ka Amrut Mahotsav' by starting the launch of Dandi Yatra by the Hon'ble Prime Minister on 12th March, 2021, Mechanical Engineering Dept. of Goa College of Engineering, Farmagudi organized a webinar on “ India’s Freedom Struggle” which was conducted online through Google meet. It was organized on the same day, i. e. 12th March, 2021 from 4pm to 5 pm.

Prof. Prajal Sakhardande (B.A., M.A. and M. Phil in History), Head of the Dept of History and Associate Professor of History at the Dhempe College of Arts & Science, Miramar, Panaji was the guest speaker for the webinar. The speaker, with the help of power point presentation covered the freedom struggle, starting from battle of Plassey till 1947, when we got independence, in brief. It was an excellent presentation which was well appreciated by the students and the faculty.

Total 130 students, faculty and staff of GEC attended the function.



8th Prof. Uday Amonkar Memorial Lecture

Indian Institution of Industrial Engineering (IIIE)-Goa organised 8th Prof. Uday Amonkar Memorial Lecture on 'Impact of Covid-19 on the Food Supply Chain and Agri - Business'. The lecture was delivered by eminent academician and researcher Dr Siba Sankar Mahapatra, Professor (HAG), Department of Mechanical Engineering, NIT Rourkela. This online session was attended by professionals from academics and industry, IIIE members of the National & State council, students of Engineering Colleges and classmates & family members of Late Prof. Uday Amonkar. Prof. Uday Amonkar Memorial Lecture is organised by IIIE - Goa every year on the 3rd of May which is the Foundation Day of IIIE - Goa Chapter. The day marks the birth anniversary of the beloved Prof. Uday Amonkar, whose contribution to Industrial Engineering is immense.

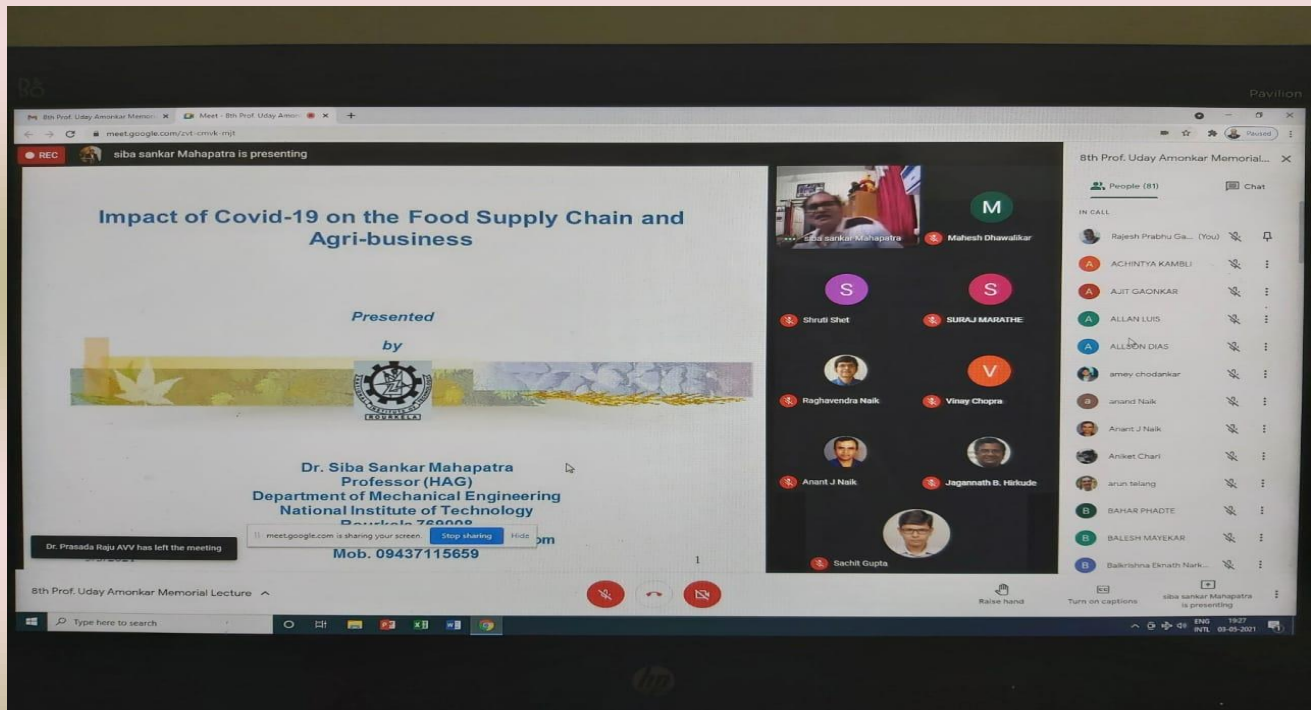
The programme started with the IIIE song followed by the National Anthem. Prof. Milind Sakhardande, Vice Chairman, IIIE - Goa, welcomed the participants and compered the entire programme. A short video on the life of Prof. Uday Amonkar and his contribution to Industrial Engineering was screened on this occasion. A close associate of Prof. Uday Amonkar, Dr Vinayak N. Shet, Professor, Department of Electrical and Electronics Engineering, Goa College of Engineering and Dean, Faculty of Engineering of Goa University shared his memories of Prof. Uday Amonkar.

Dr Mahesh Dhawalikar, Chairman, IIIE-Goa, introduced the speaker, Dr Siba Sankar Mahapatra, who has over 350 publications in reputed International Journals and 200 conference papers to his credit, has contributed to 13 book chapters and is the recipient of many National and International awards.

Dr Siba Sankar Mahapatra also serves as an Editorial Board member of many reputed journals, has adjudicated more than 85 PhD theses and was deputed by the Ministry of Education to AIT, Bangkok as a secondment faculty from India in 2009 and 2012.

Dr Vivek Kamat, Director of Technical Education and President of the IIIE-Goa, Dr Rajesh Lohani, Principal, Goa College of Engineering along with Dr B. E. Narkhede, Shri Yogesh Dipnaik, Dr Rajesh Prabhu Gaonkar, Dr Dhananjay Dolas and Dr AAV Prasad Raju, the

national council members of IIIE were present to grace the occasion. Prof. Suraj Marathe, Secretary, IIIE - Goa, proposed the vote of thanks.



Webinar on 'QUALITY AND RELIABILITY: INDUSTRY

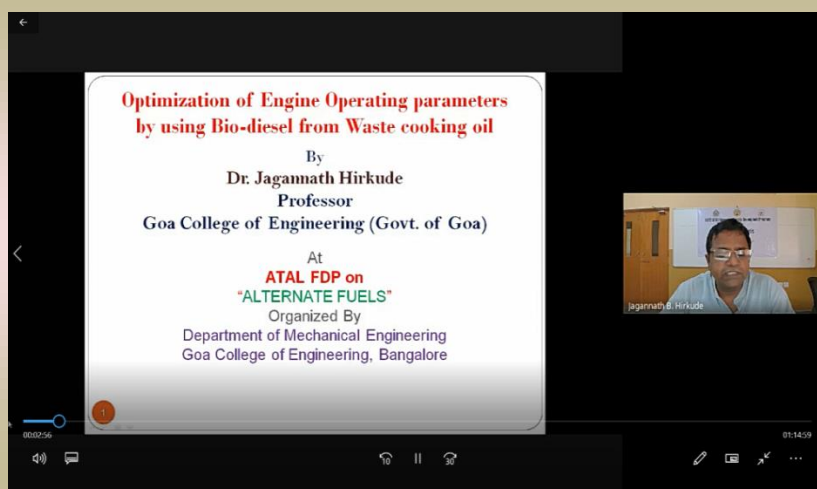
A webinar on 'Quality and Reliability: Industry Perspective' was organized for third year mechanical engineering students on 3rd July 2021. The aim of this webinar was to make students aware about the industrial applications in the domain of Quality and Reliability. Around students who were undergoing the 6th semester course on 'Quality and Reliability', attended the webinar. The application of concepts learnt in the classroom was well explained the speakers. Mr. Ameya Shirodkar, Quality Control Manager, Turbocam India Pvt. Ltd, Sao Jose de Areal, Goa delivered the talk on 'Quality Engineering: Applications in Industry and future prospects. He discussed various quality tools and techniques industries use in quality improvements. Real life case studies in quality improvement were explained. The second speaker was Mr. Mahadev V. Verlekar, Manager Control Systems, Deccan Fine Chemicals (India) Pvt. Ltd., Corlim, Goa. Mr. Mahadev spoke on techniques used to reduce failure and improve Reliability in a big plant like Deccan. The different methods in maintenance and failure prevention were also deliberated. The webinar was conducted by Dr. Suraj Rane, Course faculty-Quality and Reliability.



ATAL FDP ON ALTERNATE FUELS

ATAL Faculty Development Programme was organized by Mechanical Engineering Department of Goa College of Engineering from 06/12/2021 to 10/12/2021. This was attended by faculty members from various technical and non – technical institutions from the country along with representatives from industry and research scholars. Eminent resource persons from institutions of repute. The participants were exposed to techniques of Meditation and relaxation through an expert session on this topic. The resource person for the FDP were as follows:

- Dr. Manoj Borkar, Professor, , Carmel College for Women, Goa
- Dr. Suresh Mane Principal, Principal GSIT Karwar, Karnataka
- Dr. Kumar G. N. Associate Professor, NITK , Surthakal, Karnataka
- Dr. Kumar G. N. Associate Professor, NITK , Surthakal, Karnataka
- Dr. Dinesha P. Associated Professor, Manipal Institute of Technology
- Dr. Sachin Kumar, Scientist, National Institute of Bio Energy, Kapurthala , Punjab
- Dr. Dhinesh Balasubramanian, Khon Kaen University, Thailand.
- Dr. Surajit Debnath Head, Medical Laboratory Technology, Women's Polytechnic (AICTE) , Tripura
- Dr. Surajit Debnath Head, Medical Laboratory Technology, Women's Polytechnic (AICTE) , Tripura
- Dr. Dr. Ritesh Malani, Department of Petrochemical and Energy Engineering, ICT, Mumbai
- Dr. Mahesh Shelar, K. K. Wagh Institute of Engineering Education & Research, Nashik
- Dr. Sanjeevakumar Khandal, Associate professor, Sanjay Ghodawat University Kolhapur
- Mr. Floyd D'Silva, Facilitator & Trainer, Self-growth modalities
- Dr. Jagannath Hirkude, Professor, Goa College of Engineering, Goa



ATAL FDP ON OPERATIONS MANAGEMENT

ATAL Faculty Development Programme was organized by Mechanical Engineering Department of Goa College of Engineering from 16/08/2021 to 20/08/2021. This was attended by faculty members from various technical and non – technical institutions from the country along with representatives from industry and research scholars.

Eminent resource persons from institutions of repute including Lulea Institute of Technology, SWEDEN, IIT Bombay, IIT Goa, IISC Bangalore, MNIT Surat, MNIT Jaipur, National Institute of Industrial Engineering, Goa College of Engineering Mumbai and Senior Executives from Industry gave high quality inputs through interactive sessions. The participants were exposed to techniques of Meditation and relaxation through an expert session on this topic.

The details of the speakers for the ATAL FDP are shown in the following Session Plan.

The Inaugural function was conducted on 16th August 2021 at 9.00 am and Dr. Rajesh Lohani addressed the participants. The inaugural session “Real Life Problem Formulation and Solution Strategies” was delivered by Head of Mechanical Engineering Department, Dr. Vinay Shirodkar. In addition to expert sessions by Senior Academicians and researchers, there were case studies presented by Senior Executives from industries.

Session	Time	Title	Resource Person
Day 1: 16-08-2021			
1	9.00-11.00 am	Real Life Problem Formulation and Solution Strategies	Dr. Vinay Shirodkar Head, Mechanical Engineering Dept., Goa College of Engineering, Goa
2	11.30 am-1.30 pm	Industry 4.0 Applications in Supply Chain and Logistics	Dr. Gunjan Soni Assistant Professor, Mechanical Engineering Malaviya National Institute of Technology, Jaipur

3	2.00-4.00 pm	Circular Supply Chain	Dr. Ravi Kant Associate Professor, Mechanical Engineering, Sardar Vallabhbhai National Institute of Technology (SVNIT), Surat
Day 2 : 17-08-2021			
4	9.00-11.00 am	Reliability Engineering- Concepts and Advances	Dr. Rajesh S. Prabhu Gaonkar Professor, School of Mechanical Sciences Indian Institute of Technology Goa
5	11.15 am- 1.15 pm	Advances in Maintenance Engineering and Management	Dr. Makarand .S. Kulkarni Professor, Mechanical Engineering, IIT Bombay
6	2.00-4.00 pm	Case Study: " Energy conservation in Tyre industries"	Mr. Dinesh Virginkar Sr. Production Manager, MRF, Goa
Day 3 : 18-08-2021			
7	9.00-11.00 am	Mahalanobis Taguchi System: Applications in Industrial Engineering	Dr. Suraj Rane Professor, Mechanical Engineering Dept., Goa College of Engineering, Goa
8	11.15 am- 1.15 pm	Multi Criteria Decision Making Applications in Supply Chain Management	Prof. Milind Sakhardande Associate Professor, Mechanical Engineering Dept., Goa College of Engineering, Goa
9	2.00-4.00 pm	Case Study: Application of Six Sigma in Motors Manufacturing Industry	Mr. Vaibhav Velingkar Sr. Manager, Production, C.G. Power and Industrial Solutions

			Ltd., Goa
Day 4 : 19-08-2021			
10	9.00-11.00 am	Lean Manufacturing	Dr. B.E. Narkhede Associate Professor, Operations & Supply Chain Management, National Institute of Industrial Engineering, Mumbai
11	11.15 am- 1.15 pm	Case Study: Q.M. Through Integrated Enterprise Class System	Mr. Ramakrishna Parsekar DGM-Global IT, Wockhardt Ltd., Mumbai
12	2.00-4.00 pm	Predictive Maintenance for Railway Infrastructure	Dr. Aditya Thaduri Associate Professor, Division of Operations and Maintenance Engineering, Lulea Institute of Technology, SWEDEN
Day 5 : 20-08-2021			
13	9.00-11.00 am	Dynamic Scheduling	Dr. M. Mathirajan Chief Research Scientist, Department of Management Studies, I.I.Sc. Bangalore
14	11.15 am- 1.15 pm	Meditate, Relax and Excel	Mr. Floyd D'Silva Facilitator & Trainer, Self-growth Modalities
15	2.00-4.00 pm	Valediction/Feedback	

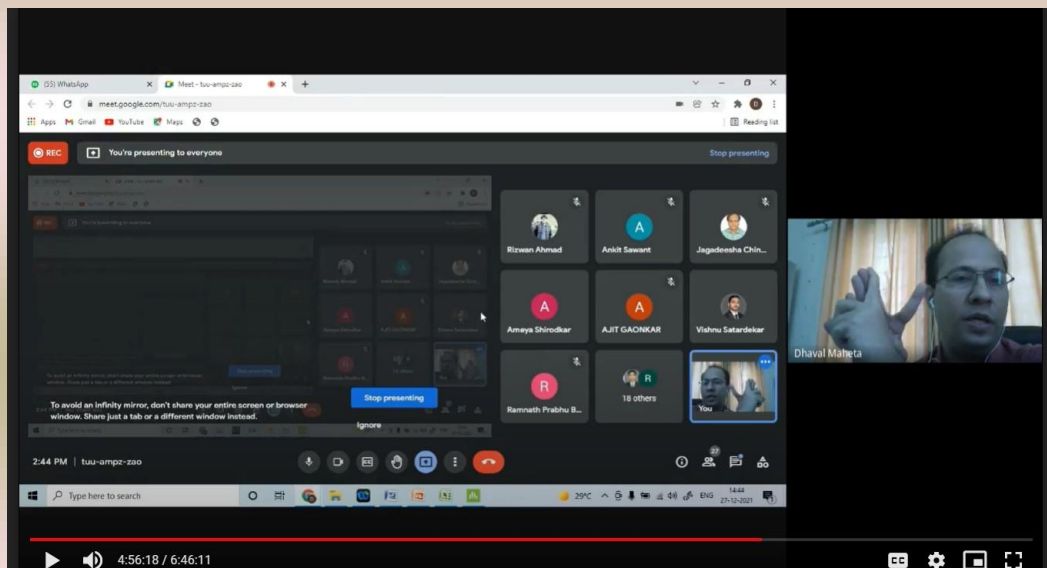
Online two-day workshop on “DESIGN OF EXPERIMENTS USING MINITAB”

Indian Institution of Industrial Engineering (IIIE)-Goa Chapter organised a two-day workshop on “Design of Experiments using Minitab” on 27th and 28th December 2021 by Dr Dhaval Maheta, Assistant Professor, Department of Business and Industrial Management Veer Narmad South Gujarat University, Surat. This two-day workshop was attended by professionals from academics, research scholars and industry professionals. The workshop started with the National Anthem. Dr Milind Sakhardande, Vice Chairman, IIIE - Goa, and coordinator of the workshop welcomed the participants and compered the entire programme. The chief guest for the opening of the workshop, Dr Akshay Nigalye, Head of Mechanical Engineering, Department Goa College of Engineering, Farmagudi, in his speech appreciated the IIIE Goa chapter for conducting the workshop on DOE using Minitab, which is essential for identifying relationships between cause and effect by providing an understanding of interactions among causative factors.

He also wished the participants for happy learning. Dr Mahesh Dhawalikar, Chairman Goa Chapter, spoke about the IIIE contribution in industrial Engineering and activities of the Goa Chapter. Dr Dhawalikar gave an insight into DOE and their applications concerning research work.

Mr Samir Khawte, Treasure, IIIE Goa Chapter, and Coordinator of the workshop, introduced the resource person, Dr Dhaval Maheta, who has 20 years of Post – Graduate teaching and research experience. He has presented and published 40 research papers at National and International Conferences. Dr Dhaval has been the key resource person for the Research Methodology workshops organized at various levels including NITs. He has also published a book on “Data Analysis using Minitab” software and Statistical Analysis using R Software”, “Machine Learning using R” for Data Analysis. He has organized various Faculty Development Programme on Data Analysis using SPSS, AMOS, Minitab, E-views, R Software, R-Rattle, Gretl, Matlab, Design of Experiments, TORA, Atlas. ti, Orange, IBM Watson Predictive Analytics, RapidMiner, Python using Jupyter, Smart PLS, qualitative data analysis using NVIVO, tableau, Power BI, etc. Dr Daval has trained more than 10,000 faculties for various research software.

In the valedictory function Dr Akshay Nigalye, Head of Mechanical Department congratulated the participants for successfully participating in the workshop and appreciated the course design. The participants appreciated the effort put in by IIIE Goa in conducting the workshop which is particularly helpful to Researchers and Industry. Vote of thanks was proposed by Mr Samir Khawte, treasurer, IIIE Goa Chapter. The course was also attended by key people from Academics and Industry including Dr Rajesh Prabhu Gaonkar, IIIE, founder Chairman Goa Chapter and Dr Suraj Marathe, Secretary, IIIE Goa Chapter.



ORIENTATION FOR F.E. STUDENTS (2020)

Day/Date	9:30-10:15am	10:15-11:00am	11:30-12:15pm	12:15-1:00pm
Monday: 16/11/20	Welcome by HOD (About College, dept,faculty,facilities , Orientation prog)	Interaction with students:	Self-Intro by each student All faculties	Library & Hostel at GEC Sandesh Desai
Tuesday: 17/11/20	CBCS – AICTE Scheme & Syllabus, NPTEL courses and Credits Dr. Jagannath Hirkude	Talk on Internships & Placement Prof. Manoj. C & MD	Interaction with Alumni Shri. Sumukh Kamat	Resource Management – Time, Money, Facilities, Friends Prof. Vivek Belokar
Wednesd ay: 18/11/20	Talk on Program Objectives, Outcomes and Assessments; Feedback Dr. Suraj Rane	Interaction with Principal	Interaction with MOU partner – Shri Satish Shinde	Talk Students Clubs: Drama, Quiz, Literary, Astronomy Club
Thursday: 19/11/20	Invited Talk Shri. S J Kamat	Cultural Fests at GEC MJS Disciplinary Issues & Counselling Facilities Dr B S Manohar	Interaction on Career Planning – Project/Industry / Research Dr. Akshay V Nigalye	Interaction with Student Chapters of Professional Society Dr. Jagannath Hirkude / Dr. Mahesh Dhavalikar
Friday: 20/11/20	Goa University Exam Process :Dr. Anant Naik	Talk by Alumni of the Department/ Resource Management –Role of a Budding Engineer- Time, Money, Facilities, Friends, Shaping For Leadership qualities Mr. Dilip Parab		NSS , NCC & Sports Activities at GEC – : SDM, MC (Prof. Ganesh Manerkar, Mr.Mulla, Mr.Sagar)

ORIENTATION FOR F.E. STUDENTS (2021)

Day/Date	9:30-10:15am	10:15-11:00am	11:30-12:15pm	12:15-1:00pm
Monday: 04/10/21	Welcome by HOD		DEPARTMENTAL VISITS:	
Tuesday: 05/10/21	Intererection with Principal Dr. R. B. Lohani	Goa University Exam Process :Dr. Anant Naik	Talk on Universal Human Values 1: Holistic Development Ms. Maya Dhupkar	Department Activities Dr. Suraj Rane
Wednesday: 06/10/21	Cultural, Sports, NSS , and NCC Activities at GEC – Dr. Milind Sakhardande, Dr. Sandesh Dessai, Prof Ganesh Manerkar, / Prof Melina Afonso, Lt. Anand Naik & Student Representatives	Talks on Students Clubs: Drama, Quiz, Literary, Astronomy Club Prof. Purti Savordekar	Introduction to Value Education Prof. Megha Nayak	CBCS – AICTE Scheme & Syllabus, NPTEL courses and Credits Dr. J.Hirkude + Talk on Program Objectives, Outcomes and Assessments; Feedback DR. Suraj Rane
Thursday: 07/10/21	Interaction on Career Planning – Project/Industry / Research Dr. Akshay Nigalye + Talk on Internships & Placement Dr. Mahesh Dhawalikar	Interaction with Student Chapters of Professional Society Dr. Jagannath Hirkude Dr. Mahesh Dhawalikar	Invited Talk (Role of Engineers in Industry/Nation Building) Shri Girish Kamat	Interaction with Alumni Shri. Sumukh Kamat
Friday:08/10/21	Yoga Session (YouTube live) Mr. Sanjay Naik Dr. Ganesh Hegde	Interaction with MOU partner Shri Charlton Colaco	Disciplinary Issues & Mentoring Dr. Manohar Shankar Bhatt + Resource Management – Time, Money, Facilities, Friends Prof. Vivek Belokar	Feedback, QA with HOD Dr. Akshay Nigalye

B.E. (MECH) PROJECTS: ACADEMIC YEAR: 2020-21

Sr No.	Project Title :	Guide Name(s)	Full Name :
1	Quality Improvement Using Six Sigma Methodology	Dr. Mahesh Dhawalikar	Rahul Redkar
			Rudran Pissurlencar
			Tanay Nagvekar
			Prajyot Gaonkar
2	Remotely Operated Rescuer for Drowning Victims (RORD-V)	Prof . Gajesh G.S. Usgaonkar	Vishnu Arakal
			Richa Divkar
			Manjallore Cherian George
			Glenn Vaz
3	Automatic Wood Carving Machine	Prof.Hari Chandekar	Prathamesh Pundalik Dhulapkar
			Sidharth Madkaikar
			Sanat Naik Gaonkar
			Rahul Mahale
4	Human Free Serving System for Hospitality Industry	Prof. Gajesh G. S. Usgaonkar	Shreyas Ambe
			Desmon Antao
			Aloysius Caeiro
			Shreyas Patil
5	Pneumatic operated double hacksaw machine	Dr. Shridhar Mhalsekar	Jaykumar Prajapati
			Saiesh sinaikerkar
			Prabhu Mohandas parappurath
			Rupam salgaonkar
6	Using 3D modelling capabilities of a drone for various applications	Dr . Raghavendra Naik	Rajdeep Nagesh Gosavi
			JOALDRIN RONICIO MELO
			Shivam Dharmu Naik
			Basavraj Kani
7	Automatic Fabric cutting machine	Dr. Jagannath Hirkude	Samiulla Ahmed
			Manjunath Hunakunti
			Omkar Meghnath Rane
			Akhil Ahemad Sirkazi
8	River/Lake Water Surface Waste Collector	Prof.Hari Chandelkar	Nehal tivrekar
			Vithu kaisukar
			Sarvesh belgaonkar
			Suhedh s. Shirodkar
9	Dual Purpose Magnetic Refrigeration	Dr. Jagannath Hirkude	ISH KUMAR JHA
			VYSHAKH PRAKASHAN
			JAYDEEPBHAI SURESHBHAI PATEL
			SHAHID RASOOL MIR
			NIKHIL SINGH
10	CNC Laser Engraving Machine	Prof. Mahesh Caisucar	Mahesh Naik
			Pranav Golatkar
			Prajyot Kalangutkar
			Kishorkumar Lamani
11	Electromagnetic Braking System	Dr.Shridhar Mhalsekar	Bapu Mahadev Bordekar
			Akshay Shivnath Gaonkar
			Deenar Gullekar
			Shubhankar Manohar Mulgaokar

12	Electronically controlled air powered engine	Prof. Raghavendra Naik	Shashank Sawant
			Pradosh Prabhudesai
			Kevin Ribeiro
			Jovan Oliveira
13	Pedal Powered Pneumatic Cycle	Prof. Mahesh Caisurcar	Bhavik Pagi Mirashi
			Sahil Parab
			Harsh Damodar Phadte
			Sarolkar Neeraj Alias Amol Uday
14	Automated wall putty plastering machine	Dr Vinay Shirodkar	Hrithik Umesh pilgaonkar
			Rohit D shenoy
			Letscio Fernandes
			Srinil S bhosale
15	Modelling and analysis of Dual axis solar tracker	Dr. Manohar Shankar B. S.	Sairaj Kolvalkar
			Rajat Kudnekar
			Anshul Naik
			Sahil Naik
16	AMALGAMATION OF WIND CHILL SPREAD AND AIR CONDITIONING EFFECT	Dr.Suraj Rane	Prajwal Tubki Dessai
			Ethan A . Sanches
			Ashford Correia
17	Design and Development of Inbuilt Hydraulic Jack for Automobiles	Prof. B. R. Kulkarni	Aaditya Kamat
			Swadesh Dessai
			Tushar Verlekar
			Sumay Patil
18	Design and Development of anthropomorphic robotic hand	Dr. B. S. Manohar Shankar	Fernandes Keith Infantus Miguel
			Jayesh Gandhi
			Ajay Balaram Kumbhar Gunjiker
			Shahid Sadik Landge
19	Refrigeration By use of LPG as Refrigerant	Prof. B. R. Kulkarni	Yash Ghodekar
			Sarvesh Kerkar
			Loston marien D'costa
			Dattaraj Manerikar

B.E. (MECH) PROJECTS: ACADEMIC YEAR: 2021-22

Sr.No	Name of the Project	Name of the Project Guide	Name of the students
1	Design and fabrication of portable spot welding machine	Dr. Shridhar Mhalsekar	Adit Naik Kavalekar
			Niket Shetkar
			Prasad Gaude
			Shubham Verekar
2	Implementing Lean Concept on Assembly Line	Prof. Mahesh Caisucar	Sanath Prabhu
			Ishan Ramnathkar
			Vipul Gawas
			Chetan Gaude
3	Improvement of Maintenance Policies	Dr. Mahesh Dhavlikar	Shriyash Gaunker
			Blasio Gonsalves

	Using Six Sigma Methodology		Gangaram Dessai
			Deon Fernandes
4	Design and fabrication of treadmill bicycle	Dr. Manohar Shankar B. S	Shaun Sutari
			Manthan Vengurlekar
			Adarsh Ashok Gaonkar
			Sanved Diukar
5	Portable CNC Electrical Discharge Machining Setup	Dr. Raghvendra.D.Naik	Pratik.M.Raut
			Ramchandrarao.D.Rane
			Mandar.M.Kerkar
6	Energy Management and Audit - A Net Zero Approach towards Sustainability	Dr. Jagannath Hirkude	Aldrige Luis,
			Utkarsh Shirodkar
			Jolan Pereira Gomes
			Shreeyash Tari
7	Inventory Management at CG Power	Dr. Mahesh Dhavlikar	Suraj Gawade
			Saish R Naik
			Deepraj Naik
			Jatin Gaude
8	Design and Fabrication Of Vine Robot	Dr. Manohar Shankar B. S	Archit Borkar
			Shubham Bene
			Rohit Narulkar
			Mahesha Gonal
9	Design of FDM (Fused Deposition Modelling) 3-D Printer	Dr. Raghavendra Datta Naik	Navjyot Sanjay Lambor
			Ankit Naik
			Ghoshank Mandrekar
			Eshant Kunkalkar
10	Unmanned Pesticide sprayer for coconut tree	Prof. Mahesh Caisucar	Vishwesh Bandekar
			Digjay Gaude
			Sidhesh Sawant
			Nidesh Mahalunkar
11	Design and Fabrication of Fully Automated Packaging System	Prof. Mahesh Caisucar	Ankita Tiwari
			Saket Athalye
			Kaushik Bhattacharjee
			Vaibhav Raghuveer Kamat
12	Energy Harvasting	PROF. B.R. KULKARNI	Dattaraj Mandrekar
			Yasin Shaikh
			Dheeraj Shirodkar
			Suraj Velip
			Vikas Upadhyay
13	Design and fabrication of mechanically driven efficient cow dung collecting system	Dr. Suraj Rane	Poonit Kerkar
			Deepak Bhanushali
			Cydroy Dias

			Rudraksh Kanekar
14	Study and analysis of manufacturing process and products for purpose of recycling of waste towards energy conservation	Prof. Vivek Belokar	Harshkumar Mukeshbhai Patel Hitikkumar Rajeshbhai Patel Varun Singh Sahil Velip
15	Study of process of solid waste treatment plant generating electric energy to propose improvements in disposal of flue gas	Prof. Vivek Belokar	Aakash Chalwadi Joebel Dsouza Pritesh Mann Vishal Kurmi
16	Design and fabrication of compact portable folding bicycle	Dr. Akshay Nigalye	Shivam Raikar Rudran Mandurkar Saish Surendra Naik Sangam Shikerkar
17	Design of Pole Climbing Robotic Mechanism	Prof. Hari Chandekar	Ratnesh Aroskar Ravindra Chari Saish Haldankar Atish Mandrekar Bernard Gomes
18	Harnessing and Utilization of Solar Energy	Dr. Jagannath Hirkude	Yuvraj Sawant Ugam Sawant Saheel Halarnekar Vaibhav Kambli
19	Performance Analysis of C.I Engine with biodiesel from used oil	Prof. B R Kulkarni	Wilfer Cardozo Jonathan Gomes Gaurav Gaude Ketan Gaonkar Aniket Bhatta
20	Power Generating Speed Breaker	Dr. Milind Sakhardande	Pratik Naik Vighnesh Manerikar Moinudeen sahad M R Simray Singh Niranjana

JANUARY 2020 INTERNSHIP

Sr. No.	Name	Roll No.	Industry	Start	End	Duration (Days)
1	Shivam Naik	171102040	Muktar Automobiles	18/12/2019	04/01/2020	14
2	Joaldrin Ronicio Melo	171102039	Muktar Automobiles	18/12/2019	04/01/2020	14
3	Basavraj Kani	171102027	Muktar Automobiles	18/12/2019	04/01/2020	14
4	Suhedh Shirodkar	161102062	Goa Instruments Industries Pvt. Ltd.	18/12/2019	04/01/2020	14
5	Jayesh Gandhi	171102015	Volkswagen Mody Autocorp Pvt. Ltd.	18/12/2019	04/01/2020	14
6	Ajay Gunjkar	171102031	Volkswagen Mody Autocorp Pvt. Ltd.	18/12/2019	04/01/2020	14
7	Letscio Fernandes	171102014	Deccan Fine Chemicals	18/12/2019	17/01/2020	28
8	Prajwal Tubki Dessai	171102065	Dhavalikar Automobiles	02/01/2020	18/01/2020	17
9	Ugam Sawant	181102055	Crompton Greaves Consumer Electricals Pvt. Ltd.	02/01/2020	17/01/2020	16
10	Yuvraj Sawant	181102056	Crompton Greaves Consumer Electricals Pvt. Ltd.	02/01/2020	17/01/2020	16
11	Vaibhav Kambli	181102031	Crompton Greaves Consumer Electricals Pvt. Ltd.	02/01/2020	17/01/2020	16
12	Saheel Halarnekar	181102028	Crompton Greaves Consumer Electricals Pvt. Ltd.	02/01/2020	17/01/2020	16
13	Niket Shetkar	181102071	Nestle India Ltd.	02/01/2020	17/01/2020	16
14	Saish Haldankar	181102029	Vedanta Limited	02/01/2020	18/01/2020	17
15	Blasio Gonsalves	181102027	Vedanta Limited	02/01/2020	18/01/2020	17
16	Aldridge Luis	181102036	Vedanta Limited	02/01/2020	18/01/2020	17
17	Deepak Bhanushali	181102004	Zuari Agro Chemicals Limited	02/01/2020	18/01/2020	17

18	Mahesha Gonal	181102026	Zuari Agro Chemicals Limited	02/01/2020	18/01/2020	17
19	Saish Naik	181102042	Zuari Agro Chemicals Limited	02/01/2020	18/01/2020	17
20	Shubankar Mulgaonkar	181202009	ACGL unit 2	03/01/2020	18/01/2020	16
21	Deenar Gulelkar	181202005	ACGL unit 2	03/01/2020	18/01/2020	16
22	Akshay Gaonkar	181202004	ACGL unit 2	03/01/2020	18/01/2020	16

SEPTEMBER 2021 INTERNSHIP

SN	NAME	ROLL NO	COMPANY	START	END	DURATION
1	Poonit Kerkar	181102033	Durga Motors, Porvorim	1-09-2021	15-09-2021	12 days
2	Rohit Narulkar	181102045	Bloombit Seesansar, Mapusa	1-09-2021	15-09-2021	12 days
3	Kaushik Bhattacharjee	181102006	Vedanta, Sesa Goa Ltd. Amona-Goa	1-09-2021	15-09-2021	12 days
4	Archit Borkar	181102007	Syntegon Technology India Pvt. Ltd., Verna	1-09-2021	15-09-2021	12 days
5	Shubham Bene	181102003	Aliaxis Utilities and Industry Pvt.Ltd. Verna	1-09-2021	15-09-2021	12 days
6	Aldrige Luis	181102036	MRF Ltd. Tisk-Usgao	1-09-2021	15-09-2021	12 days
7	Saish Surendra Naik	181102043	MRF Ltd. Tisk-Usgao	1-09-2021	15-09-2021	12 days
8	Rudran Mandurkar	181102037	MRF Ltd. Tisk-Usgao	1-09-2021	15-09-2021	12 days
9	Aakash Chalwadi	181102009	Goa Shipyard Ltd. New wadem-Vasco-Goa	1-09-2021	15-09-2021	12 days
10	Joebel D'Souza	181102015	Goa Shipyard Ltd. New Vaddem-Vasco-Goa.	1-09-2021	15-09-2021	12 days
11	Vishal Kurmi	181102034	Goa Shipyard Ltd. New wadwm-	1-09-2021	15-09-2021	12 days

			Vasco-Goa			
12	Pritesh Mann	181102050	Goa Shipyard Ltd. New wadwm- Vasco-Goa	1-09-2021	15-09-2021	12 days
13	Gonal Mahesha	181102026	Goa Shipyard Ltd. New wadwm- Vasco-Goa	1-09-2021	15-09-2021	12 days
14	Dheeraj Shirodkar	191202005	Optel Vision India Pvt. Ltd. Verna Goa	1-09-2021	15-09-2021	12 days
15	Vaibhav Keshav Kambli	181102031	Vedanta, Sesa Goa Ltd. Amona-Goa	1-09-2021	15-09-2021	12 days
16	Ugam Sawant	181102031	Vedanta, Sesa Goa Ltd. Amona-Goa	1-09-2021	15-09-2021	12 days
17	Yuvraj Sawat	181102031	Vedanta, Sesa Goa Ltd. Amona-Goa	1-09-2021	15-09-2021	12 days
18	Cydney Dias	181102013	MRF Ltd. Tisk- Usgao	1-09-2021	15-09-2021	12 days
19	Saish Dilip Haldankar	181102029	Alcon Cement Co. Pvt. Ltd., Surla- Bicholim - Goa	1-09-2021	15-09-2021	12 days
20	Bernard John Gomes	181102024	Alcon Cement Co. Pvt. Ltd., Surla- Bicholim - Goa	1-09-2021	15-09-2021	12 days
21	Gaurav Raghu Gaude	181102018	Aryaman Sai Goa, Kamorli-Margao- Ponda Highway, Goa	1-09-2021	15-09-2021	12 days
22	Jonathan Gomes	181102025	Aryaman Sai Goa, Kamorli-Margao Ponda Highway, Goa	1-09-2021	15-09-2021	12 days
23	Wilfer Cardozo	181102008	Aryaman Sai Goa, Camorlim-Margao- Ponda Highway, Goa	1-09-2021	15-09-2021	12 days
24	Deepraj Naik	181102041	Crompton Greaves Ltd., M4 Division, Kundai Goa	1-09-2021	15-09-2021	12 days
25	Jatin Gaude	181102019	Crompton Greaves Ltd., M4 Division, Kundai Goa	1-09-2021	15-09-2021	12 days
26	Suraj Gawade	181102021	Crompton Greaves Ltd., M4 Division, Kundai Goa	1-09-2021	15-09-2021	12 days

27	Saish Naik	181102042	Crompton Greaves Ltd., M4 Division, Kundai Goa	1-09-2021	15-09-2021	12 days
28	Ishan Ramnathkar	181102052	Crompton Greaves Ltd., M4 Division, Kundai Goa	1-09-2021	15-09-2021	12 days
29	Shivam Raikar	181102051	JCB India Ltd., Caculo Earth Movers Pvt. Ltd., Verna Goa.	1-09-2021	15-09-2021	12 days
30	Eshant Kunkalkar	161102027	Crompton Greaves Ltd., M4 Division, Kundai Goa	1-09-2021	15-09-2021	12 days
31	Ankita Tiwari	181102061	JCB India Ltd., Caculo Earth Movers Pvt. Ltd., Verna Goa.	1-09-2021	15-09-2021	12 days
32	Shreeyash Tari	181102060	JCB India Ltd., Caculo Earth Movers Pvt. Ltd., Verna Goa.	1-09-2021	15-09-2021	12 days
33	Atish Mandrekar	181102069	Goa Shipyard Ltd. New Vaddem Vasco-Goa	1/09/2021	15/09/2021	12
34	Manthan Vengurlekar	171102066	Goa Shipyard Ltd. New Vaddem-Vasco-Goa	1/09/2021	15/09/2021	12
35	Sanved Diukar	181102014	Goa Shipyard Ltd. New Vaddem-Vasco-Goa	1/09/2021	15/09/2021	12
36	Shriyash Shankhanath Gaunker	181102020	Lift Control Pvt. Ltd. Murdi Khandepar Ponda Goa.	1/09/2021	15/09/2021	12
37	Deon Fernandes	181102011	Funskool India Ltd. Corlim Tiswadi Goa	1/09/2021	15/09/2021	12
38	Prasad Gaude	181102068	Aviza Technologies Kundaim Industrial Estate	1/09/2021	15/09/2021	12
39	Niket Shetkar	181102071	Aviza Technologies Kundaim Industrial Estate	1/09/2021	15/09/2021	12
40	Adarsh Gaonkar	181102016	Aviza Technologies Kundaim Industrial Estate	1/09/2021	15/09/2021	12

41	Shubham Verekar	181102066	Aviza Technologies Kundaim Industrial Estate	1/09/2021	15/09/2021	12
42	Chetan Gaude	181102067	Aviza Technologies Kundaim Industrial Estate	1/09/2021	15/09/2021	12
43	Ratnesh Aroskar	181102001	Binani Fibre Glass Company, Colvale Goa	1/09/2021	15/09/2021	12
44	Deepak Bhanushali	181102004	Goa Shipyard Ltd. New Vaddem- Vasco-Goa.	1/09/2021	15/09/2021	12
45	Saket Athalye	181102002	Goa Shipyard Ltd. New Vaddem- Vasco-Goa.	1/09/2021	15/09/2021	12
46	Shaun Sutari	181102059	Astra Metal Systems Ltd. Verna Goa	1/09/2021	15/09/2021	12
47	Sangam Shikerkar	181102057	Lift Control Pvt. Ltd. Murdi Khandepar Ponda Goa.	1/09/2021	15/09/2021	12
48	Ankita Tiwari	181102061	Lift Control Pvt. Ltd. Murdi Khandepar Ponda Goa.	1/09/2021	15/09/2021	12
49	Shreeyash Tari	181102060	Dhawalikar Automobiles Dhavli Ponda Goa	2/9/2021	15/9/2021	11
50	Ketan Gaonkar	181102017	ACGL Bhuimpal Sattari Goa 403530	2/9/2021	15/9/2021	11
51	Vikas Shyamshankar Upadhyay	191202006	Goa Shipyard Ltd. New Vaddem Vasco-Goa.	4/09/2021	15/09/2021	12
52	Cydroy Dias	181102013	Putzmeister Concrete Machines Pvt. Ltd. Verna Industrial Estate	4/09/2021	15/09/2021	12

PARTICIPATION OF STUDENTS IN INTER INSTITUTE EVENTS

Student s Name	Name of Institute where participated (Organised By)	Name of event	Group Members if any:	Month and year of participation:	Prizes won if any:
Ratnesh Aroskar	AITD, Assagao	Business Sutra Tech Urja 2020	-	March 2020	Winner
Smayan Sapre	Dhempe College	Debate	Udbhav Singh (Civil)	Jan 2020	First

YOUNG STAR OF GEC

23:09

0.00 MB/s

» दृष्टिक्षेपात

दत्तप्रसाद खानोलकर

अजिंक्य च्यारी

यंग स्टार्स मौळाची 'गोमेकाँ'वर मात

पणजी (क्रीडा प्रतिनिधी) : गोवा क्रिकेट असोसिएशनच्या तिसवाडी विभागीय ब गट क्रिकेट स्पर्धेत सोमवारी यंग स्टार्स ऑफ मौळा संघाने गोमेकाँ कॅम्प स्पॉर्ट्स क्लबवर सात विकेट्स राखत मात केली. सामना पर्वरी येथील जीसीएम मैदानावर झाला. सामन्यात गोमेकाँ कॅम्पच्या दत्तप्रसाद खानोलकर याने नोंदविलेले शतक व्यर्थ ठरले. मौळा संघाच्या विजयात अजिंक्य च्यारीचे अर्धशतक निर्णायक ठरले. **संक्षिप्त धावफलक** : गोमेकाँ कॅम्प स्पॉर्ट्स क्लब : ३५.५ षटकांत सर्वबाद १६७ (दत्तप्रसाद खानोलकर १०१, श्रेयस ढळवी १४, सर्वेश सावंत १४, कोस्तुभ सिंगुळकर १-१७, सार्थक वाळके १-३६, राजेश तुकाडिया ३-१८, हितेश तलवार १-३३, आदित्य कुलकर्णी ३-२३) पराभूत वि. यंग स्टार्स ऑफ मौळा : २८.२ षटकांत ३ बाद १६८ (राजेश तुकाडिया १०, अजिंक्य च्यारी ६१, परेश पुजारी ३१, युसराज पालकर नाबाद ३७, अश्वय खोपाडे नाबाद ११, दत्तप्रसाद खानोलकर १-४७, मनीष परब १-३३).

पॉलिटिक्स इलेव्हनचा शानदार विजय

पणजी (क्रीडा प्रतिनिधी) : गोवा क्रिकेट असोसिएशनच्या उत्तर विभागीय ब गट क्रिकेट स्पर्धेत पॉलिटिक्स इलेव्हनने इंटरनॅशनल स्पोर्ट्स क्लबवर सात विकेट्स राखत शानदार विजय नोंदविला. सामना सोमवारी शांभोरा पंचायत मैदानावर झाला. पॉलिटिक्स इलेव्हनच्या सचिन गस्ती याने हॅटट्रिक नोंदविली. **संक्षिप्त धावफलक** : इंटरनॅशनल स्पोर्ट्स क्लब : २५ षटकांत सर्वबाद ९० (आतुष परब १०, उदेश हळर्गेकर नाबाद १७, राजेश सिमसुलकर १-८, राधम झा १-११ रघु परब २-२२, सागर मोरे २-२२, सचिन गस्ती ३-९) पराभूत वि. पॉलिटिक्स इलेव्हन : १२ षटकांत ३ बाद ९१ (सचिन गस्ती ३९, नीतेश चौधरी १८, सागर मोरे नाबाद २१, अमर गडेकर १-२०, उदेश हळर्गेकर १-२१, प्रवीण भट १-८).

राष्ट्रीय कुशाग्र निवड चाचणी स्पर्धेसाठी निवड झालेल्या गोव्यातील खेळाडूंचा समूह

कौतुव भक्त

पणजी, ता. प्रतिनिधी) : गोव्या मास्टर बुद्धिबळमधून भास्कर आणखी एका आंतरराष्ट्रीय असेल. आगामी बुद्धि स्पर्धेसाठी २९ वर्षीय रं महीला संघात सोमळा मागील दोन वर्षांत तिने देशाचे प्रतिनिधित्व करत पदकाले.

प्रत्यक्ष बोर्डवरील पहिल्याच बुद्धिबळ असेल. "मी रोमांचित हो मोठा सन्मान : पदक जिंकण्याची मला संधी आहे," अशी प्र निवडीनेतर दिली. म

नियो गोव्य

सासरी, ता. २ भावात अजुसही को सावट आहे, त्यामुळे असलेल्या ३६व्या राष्ट्रीय तारीख अजुन निश्चित स्पर्धेचे राण्यातच आयु ठाम विस्थापन केले. श्रीपद नाईक यांनी व्यक्त आर्त्तिविक असोसिए आहेत.

राष्ट्रीय क्रीडा स्पर्धे रुपये खर्चून साधन करण्यात आल्या आहेत. अर्पू सुविधा प्रत्यक्ष सुरू आहेत.

Ajinkya Chari is a student of GEC SE Mechanical he started his career at a very young age used to play for his school team Mushtifund HS both u14 and u16 they were the taluka champions and state 2nd runners and, played an important role in the team to win the matches with the bat and also with ball, also represented Dhempo HSS, he is right hand batsman and a part time offspinner. He is aslo a player of young stars of moula which is a club participating in GCA B division, recently scored a fifty was the man of the match. At the same time he is balancing his academic as well as sports. He is very dedicated towards his goals.

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Late Shri V.M. Salgaonkar memorial award and Syngenta Scholarship to Mr. Amey Dattaraj

Mr. Amey Dattaraj Prabhudesai Deshpabhu was presented the following awards at 32nd annual convocation of Goa University held on 24th February 2020 at Kala Academy, Pamjim Goa. The award was presented by Professor Varun Sahani, Vice-Chancellor of Goa University.

Late Shri V.M. Salgaonkar memorial award for securing highest marks in B.E. Mechanical examination for the year 2019-2020. Syngenta Scholarship for securing Highest marks amongst Civil, Mechanical & Electrical and Electronics streams





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