

Annual Report 2022-2023

DEPARTMENT OF MECHANICAL ENGINEERING

Result Summary 2022-23:

Si. No	Semester	% Pass
1	VIII	96
2	VII	67
3	VI	43
4	V	29
5	IV	25
6	III	0

Department Activities:

1. The department has organized a Webinar on “Autonomous Vehicles”, which was held on 29th April 2022, by Dr. Sangamesh Managuli, Professor in PES University Bangalore.
2. Department has organized a Webinar on “Evaluation Mechanism for CO-PO attainment”, which was held on 17th May 2022, by Prof. Santhosh Anand, Amritha Vishwa Vidyapeetam Mysuru.

Other Activities:

1. A five days Meeting of the trilingual Glossary of Engineering was organized by the **Commission of Scientific and Technical Terminology**, a department of the Ministry of Education, Govt. of India, New Delhi from 21.11.22 to 25.11.22 in our Institution. Professors Thimmappa, Raghunatha, Akshatha Naik, Sookshma Adiga, and Prasad Gaonkar of different departments participated in this meeting. All are certified by CSTT for translating more than 8000 English technical terms to Kannada in this meeting.
2. The Hostel Committee has organized a Fresher’s party in the Hostel to welcome all the newcomers on 7th December 2022.

Department of Artificial Intelligence & Machine Learning

Result Analysis of Third Semester (2022-23)

Overall Pass Percentage: 52.63%

FCD count: 4

Department Activity List

1. The Department organized an expert talk on "My three decades Journey with IEEE" on 11th February 2023. Dr. Niranjana U.C, Director of Research & Training, Manipal Dot Net Pvt. Ltd, President Biomedical Engineering Society of India, and past Chair of IEEE-MSS was invited as the resource person.
2. The department arranged a Hands-on workshop on February 11, 2023. Mr.Krishnaraj Chadaga, Research. Scholar, MIT, Manipal MAHE was the resource person of the workshop. The topic was "Python Basics Using Google Colab"
3. Dr. Shreesha Bhat, Managing Trustee, Akanksha Charitable Trust, Puttur, delivered an expert discourse on "Social Responsibility of Youth" on 22 February 2023
4. Dr. Abhilash K Pai, Assistant Professor at Manipal Institute of Technology's Department of Data Science and Computer Applications, gave a technical session titled "Demystifying Deep Learning: Unleashing the Power of Neural Networks." On March 15, 2023.

Department of Computer Science & Engineering

Result Analysis of Third Semester (2022-23)

Overall Pass Percentage: 65.07%

FCD count: 11

Result Analysis of 5th Sem (2022-23)

Overall Pass Percentage: 78%

FCD count: 2

Result Analysis of 7th Sem (2022-23)

Overall Pass Percentage: 92%

FCD count: 29

Department Activity List

1. On 19 November 2022, a workshop was conducted on the topic “Basics of HTML” by 7th-semester students Mr. Mehboob Khan, Mr. Mubarak, and Ms. Sneha G to 5th-semester students.
2. On 25 November 2022, 7th-semester students Mr. Mehboob Khan, and Mr. Mubarak gave a workshop to 5th-semester students on the topic "Basics of CSS."
3. On January 5, 2023, 7th-semester students Mr. Mehboob Khan, and Mr. Mubarak organized a workshop to 5th-semester students on the topic "Basics of PHP."
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8. On March 29, 2023, 6th-semester students participated in a “Clean Campus Drive” in collaboration with the National Service Scheme (NSS).

BSH Department Report

Activities conducted:

1. Student induction programme was conducted for first-year students from 24th Nov 2021 to 16 Dec. 2021, seminars, workshops, and invited talks were held for all round development of students.

2. National Science Day was conducted on 28th Feb 2022, Mr. Denis Banji, Principal Government P.U.college was the chief guest, and Mr. Sandeep Ganiga, H.O.D, Department of Chemistry, Sri Venkataramana P.U. College, Kundapura was the guest of honour. The guests advised the students to develop scientific temper and discipline in their professional lives.

Achievements of faculties:

1. Mr. Deepak Shetty M (H.O.D of BSH) published a paper entitled “Completely 2-absorbing ideals in N-groups” in the Journal of Discrete Mathematical Sciences and Cryptography a Scopus-indexed, journal.
2. Mr. Jeevan D’souza Assistant Professor of Mathematics completed a one-week online AICTE-VTU joint teachers training program on “An overview of teaching techniques in Mathematics Laboratory using Python Programming” between 21st and 25th February 2022.
3. He also completed one one-week online AICTE-VTU training programme on “An overview of teaching techniques in Social connect and responsibilities” between 7th and 11th March 2022.

Achievements of Students:

1. Students of the first year actively participated in the library chalo event conducted by the Karnataka state government under the guidance of Mrs. Asha Kumari Assistant Professor of Chemistry




Principal

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Udupi Dist, Karnataka



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(A Unit of Moodlakatte Nagarathna Bhujanga Shetty Trust (R.))

(Approved by AICTE, New Delhi & Affiliated to V.T.U., Belagavi)

Moodlakatte - 576 217, Kundapura Taluk, Udupi District, Karnataka



ANNUAL REPORT 2021-2022

BSH DEPARTMENT

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DEPARTMENT OF CIVIL ENGINEERING.

Webinars organized by the CV Department

Sl. No.	Date	Webinar/ Workshop/Technical talk Topic	Resource Person
1	15/12/2020	Alkali Activated materials for new generation Green Concrete	Dr Shrilaxmi Prashanth
2	23/06/2021	Traffic Safety issues & challenges	Prof. K V R Prasad
3	30/06/2021	3D Printing of buildings	Dr. Ravikumar H
4	01/07/2021	Challenges faced by freshers during job hunt	Mr. Anvith Kulkarni
5	23/10/2021	Subsoil Investigation	Dr. R Shridhar
6	31/03/2022	Total Station (10days)	Mr. Siddartha

Software training organized by CV Department:

Sl. No.	Date	Software	Trainer
1	15/01/2022	REVIT	CADD CENTRE

STUDENT ACHIEVEMENT OF CV DEPARTMENT

1. Internship at Eleation, Pune.
2. Training Program at Petracon, Mangalore.
3. Participated in VTU Sports organized at Vivekananda College of Engineering. Puttur

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

The Department of Computer Science & Engineering Organized Two workshops and five Expert talks on various Advanced Technologies

Achievements

1. Our Vice-Principal Prof. Melwin D'Souza, has successfully published two Indian patents:
2. First patent on Deep Learning for Optimization of Power & Energy Management Systems in Hybrid Electric Vehicles in February of 2022.
3. Second Patent on Enhancement of Security Issues in Distributed Computing using Artificial Intelligence and Machine Learning in May of 2022
4. Our Student, Mr. Shashank Masadi of the Computer Science Department Secured 9th position in the Top 10 winners of "March for Secure Code" in the National level competition conducted by NASSCOM in association with "Centre for Advanced Training"
5. Our proud student Mr. Mehaboob Khan of third year Computer is listed twice in the Hall of Fame of Digital Shadow & Ostrom.
6. Mr. Mehboob Khan of Third-year computer science has completed 3 months of Ethical hacking training provided by "Intershala".
7. Our Students of the Computer Science Department, Ms. Diona, Ms. Roopa, and Ms. Anupama implemented the project "IoT Based Safety Device for Women and Elders" under the guidance of Mr. Melwin D'Souza and the Project got selected in the "KSCST 44th Series Student Project" Competition
8. In October 2021 our computer science students Ms. Ranjitha Karadad, Mr. Koushik Gowda, and Ms. Nagaveni G Naik conducted a 2-Days workshop on "Python Programming" at "Rukmini Shedthi Memorial National Govt. First Grade College, Barkur
9. Mr. Anish of second computer Science won first place in the national-level intercollegiate Chess tournament held at Shrinivas University Mangaluru.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

1. The department has organized A Day workshop on fundamentals of Signals and Systems using MATLAB by Dr. Usha Desai, Associate professor, Dept. of E&C, NMAMIT Nitte held on 13 February 2021
2. Five days FDP on emerging trends in electronics and communication engineering held on 22nd to 26th of March, 2021
3. The department has organized a Virtual webinar on RISC Processor Overview which was held on 13/5/2021 by Dr. Rathnamala Rao Asst. Professor Dept of EC NITK, Surathkal
4. The department has organized Essential of Financials Market for professionals which was held on 07/06/2021 by Dr. Sharan Kumar Shetty Associate professor & GC member MSN Institution of Management, Mangalore
5. The department has organized a Virtual workshop on Arduino programming which was held from 17/06/2021 to 18/06/2021 by Prof. Suhandas Assistant Professor Dept of ECE VCET, Puttur
6. The department has organized a Virtual workshop on Machine learning for medical images & Google COLAB for CNN-based image classification which was held from 29/06/2021 to 30/06/2021 by Prof. Mahesh Kumar A S Assistant Professor Department of ECE PES, Mandya
7. Prof.Varuna Kumara Assistant Professor from Dept. of ECE achieved Elite Gold Certificate in NPTEL Course.
8. Balanageshwara S., HoD ECE achieved an Elite Silver Certificate in the NPTEL Course.
9. Prof.Varuna Kumara Assistant Professor from Dept. of ECE has published his paper titled “Leaf and Skin Disease Detection using Image Processing” in the international conference organized by Dept. of ECE, S.L.N College of Engineering Raichur.
10. ECE students Joycelita, Usha, Pooja, and Shrinidhi Dixit won second place in the 6th Industry Institute Conclave on Electronics Computational and Communication Technologies held at Sahyadri College of Engineering and Management Mangalore.

11. ECE student's project "RFID, GPS, and Android-based smart ticket system for KSRTC and BMTC bus "has been selected for the 44th series of student project programme:2020-21 organized by KSCST.

DEPARTMENT OF MANAGEMENT STUDIES

SAVISHKAR

Saavishkar 2.0 is an event organized by the Apna Sapna Club of MITK, Department of Management Studies in collaboration with the Cultural Committee, MITK. It was inaugurated on 17-06-2021 at 10:00 am, by Mr.Vidwan Vinayak Bhat Galimane. On this occasion, 25 events were arranged and more than 80 colleges participated. It was a great initiative taken by our management students and faculties.

WEBINAR ON DIGITAL MARKETING

On 23-06-2021 Department of Management Studies (MBA), Moodlakatte Institute of Technology, Kundapura organized a webinar on Digital Marketing Basics. The resource person was Mr.Kedige Vasanth Rao, Media Consultant & Adviser at Kedige India. The session was very informative to students to have insight into marketing opportunities through digital platforms.

WEBINAR ON SUPPLY CHAIN MANAGEMENT

On 29-06-2021 a webinar was held on Supply Chain Management by Subramanya Ramakrishna General Manager- Warehouse Operations Manipal Technologies Private Limited. The purpose of this session was related to Supply Chain Management and its implications. The students were able to understand the different processes involved between manufacturer and consumer thoroughly.

QUANTITATIVE APTITUDE AND LOGICAL REASONING

From 15/01/2022 to 25/01/2022 a session was held about Quantitative aptitude and logical reasoning by Mr. Pranam, Assistant Professor, Department of CS, MITK. The session aimed to prepare students for placements.

STOCK MARKET AND INVESTMENT

On 25/02/2022, a session was held about the opportunities and ideas in the stock market and Investment by Mr. Varun Kumar, Assistant Professor, Department of EC, MITK. The session helped students to understand the basics of the stock market's investment and the risk involved.

DEPARTMENT OF MECHANICAL ENGINEERING

1. The department has organized a Webinar on “Trending fields in Mechanical Engineering” which was held on 7th January 2021 by Mr. Prahlad Anni Bangera-Senior Product Design Engineer, Mercedes-Benz-Bangalore.
2. The department has organized a webinar on “Product Development and Patenting”, which was held on 12th January 2021 by Mr. Praveera Manjappa-Senior Product Engineer, Cooper Lighting Solutions-PTC USA.
3. The department has organised a Webinar on “Practical Finite Element Analysis” which was held on 11th June 2021 Dr. Sangamesh Managuli, Assistant Professor, ME Dept. PES University Campus, Bengaluru.
4. The department has organized a Webinar on “Thermodynamics” which was held on 17th June 2021, by Mr. Kiran K Asst. Professor, ME & AE Dept, Christ Deemed to be University, Christ College, Bengaluru.
5. The department has organised Webinar on “Emerging Fuels” which was held on 18th June 2021, Mr. Ravikumar R Asst. Professor, ME & AE Dept, Christ Deemed to be University, Christ College, Bengaluru.
6. The department has organized a Webinar on “Autonomous Vehicles” which was held on 29th April 2022, by Dr. Sangamesh Managuli PES University Bangalore.

7. The department has organized a Webinar on “Evaluation Mechanism for CO-PO attainment” which was held on 17th May 2022, by Prof. Santhosh Anand Amritha Vishwa Vidyapeetam Mysuru.
8. Student project title “Design and Fabrication of Groundnut Shelling and Separating Machine” Selected in KSCST 44th Series of Student Project Programme: 2020-21, submitted by Mr. ALEX S ARLIKATTI, Mr. ROHAN K, Mr. RAGHAVENDRA M, Mr. MANJU MUTHU under the Guidance of Dr. Basavaraj.
9. Student project title “Design and Fabrication of Coconut-De-husking Machine Using Spikes” Selected in KSCST 44th Series of Student Project Programme: 2020-21, submitted by Mr. KUDUR MUSTHAKEEM, Mr. MAHAMMED MUSTAQ H, Mr. KARTHIK R SHEREGAR, Mr. SWASTHIK under the guidance of Mr Prashantha.
10. This year our beloved faculty in the Mechanical Engineering Department Mr. Basavaraj Kambale is awarded a Ph.D. by VTU for a thesis on “Combustion Simulation and Performance Test on Digital Twin Spark Ignition Engine using LPG as Fuel”

Training and Placement Cell 2021

To succeed in the contemporary corporate world, the Placement Cell has taken various initiatives to equip students with the requisite skill set required to deal with dynamic circumstances.

Placement Cell activities for 2021-2022 started early in August 2021 and comprised the following:

1. The placement preparation for the students started for the final year and pre-final years for the undergraduates as the students must mandatorily undergo aptitude, technical, and soft skill training. This course comprises quantitative aptitude, logical reasoning, verbal ability and programming languages like JAVA and Python, and soft skills training through Q Spiders which ensure that the student is prepared for the 1st round of the placement process.

2. Career counselling sessions (the number of sessions is based on the student's requirement) are provided to students to help them identify their career path and also ensure that they are focused in the right direction concerning their career based on their calibre, scores, interest areas, and long-term forecasting.

3. Career guidance sessions by industrial experts which include senior managers and leaders from the corporate world. The topics covered by the industrial experts range from soft skills, 10 steps to be successful in the corporate world, campus to corporate- A transformational journey, and Challenges of the corporate world.

Placement Cell Key Highlight of 2021-2022

Recruitment drives this season witnessed a gratifying start with the students being recruited in TCS.

Salary Package/CTC offered

Median Salary:4.0 LPA

Average CTC: 3.0 LPA

Highest CTC: 8 LPA

List of Recruiters for the year 2021-2022

- Major Service Based Companies: TCS, Infosys, Speridian, Microland, Cap Gemini,
- Robo Soft among others
- Major Product Companies: UniCourt, Insemi, Centum Electronics,99 Games, Hinduja Tech among others
- Koushik Gowda, Nagaveni Gopal Naik, and Sujith Shetty are the students from the final year, who have bagged more than 4 offers and have done exceptionally well in all the recruitment drives conducted in the Institution.

Number of In-Campus Virtual Recruitment Drives: 44 Companies.



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Number of Students placed: 75% of eligible students are placed.

To provide further assistance the Placement Cell has maintained a database of companies which is made available to the students who need help finding internships in the fields of their choice. Also, off-campus placement assistance is continually provided to the students who are not placed through the cell as and when companies approach their requirements.



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Annual Report 2019-20

BSH Department

1. The induction program for freshers was held from 8th August 2019 till 20th August 2019.
2. Experts conducted many motivational and personality development sessions for the benefit of students.
3. Mr. Jeevan William D'Souza, Assistant Professor, Mathematics has attended the AICTE Sponsored 3 days Faculty Development for Student Induction held from 14th – 16th May 2019, at Mangalore Institute of Technology and Engineering, Moodabidri.
4. He also attended the AICTE Sponsored 7 days Faculty Development for Student Induction held from 18th – 24th June 2019, at Sahyadri College of Engineering.
5. Mrs. Asha Kumari, Assistant Professor, Chemistry has attended the AICTE Sponsored 3 days Faculty Development for Student Induction held from 14th – 16th May 2019, at Mangalore Institute of Technology and Engineering, Moodabidri.
6. Mrs. Shrinidhi Kini, Assistant Professor, Physics has attended the AICTE Sponsored 3 days Faculty Development for Student Induction held from 14th – 16th May 2019, at Mangalore Institute of Technology and Engineering, Moodabidri.

Department of MBA

1. The Department of MBA organized a Guest lecture on **“Investment Management and Earn”** on 19/08/2019. Resource person Mr. Sachin Pai, Branch Manager, Sri Beereshwara Co-operative Credit Society Koteswar, shared valuable knowledge on various investment options and Money Management with the students.
2. Final year MBA students visited **Primer Investments (Motilal Oswal), Financial Services Ltd**, Udupi on 30/8/2019. Students got **practical exposure to Stock Market**

working and an insight into the **BLOOMBERG** during the visit from the resource person MR Harish B who has 30 years of industry experience.

3. MBA Students and staff conducted an Awareness program on **“Road accidents and Preventions”** across 12 Colleges around Kundapura and Udupi in association with Kundapura traffic Police as a part of Institutional Social Responsibility (ISR) during Nov-Dec 2019.
4. The first-year MBA **orientation program** was conducted on 26/9/2019. The department invited **Mr. Umesh Shetty, Principal, B. B. Hegde First Grade College, Kundapura**. He spoke on the scope and future of MBA course in the session and guided the students on professional ethics.
5. **On the occasion of the MBA orientation program, Mr. Melvin D’Souza, HOD CS, MITK** conducted a session on **“Brainpower and smart studies”** for the freshers during the induction program of the week.
6. On the occasion of the **MBA orientation program**, MBA Students and staff visited **Chaitanya Old Age Home** as a part of **ISR activity on 27-09-2019**
7. A session on **“Awareness on competitive exams-KAS, IPS, IAS, and Banking”** was conducted on 17/09/2019 for MBA final year students by Mr. Prashant Hegde, Asst. Prof, Civil Dept, MITK. The session aimed at why **a career in the Indian Civil Services** is a passion among those who aspire to make their voices heard.
8. Dept of MBA organised Christmas on 24th Dec 2019 at MITK Campus. All the faculty members and students fraternity witnessed the celebration.



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