BONAM VENKATA CHALAMAYYA ENGINEERING COLLEGE

(AUTONOMOUS)

ODALAREVU – 533210, KONASEEMA DISTRICT, ANDHRA PRADESH

DEPARTMENT OF MECHANICAL ENGINEERING

A HALF-YEARLY NEWSLETTER

ACADEMIC YEAR 2024-25 | JAN - JUNE | VOLUME 19 | ISSUE - 2

COVER LETTER

Date: May 2025

To
The Readers, Faculty, Students & Stakeholders

Subject: Release of Department Newsletter –
Academic Year 2024-25, Volume 19 Issue-2

It gives us immense pleasure to present the Mechanical Engineering Department Half-Yearly Newsletter for the Academic Year 2024-25 (January–June), Volume 19 Issue-2.

This newsletter is a reflection of the vibrant academic environment, innovative research, and the numerous co-curricular and extra-curricular activities carried out by our faculty and students. It highlights the achievements, events, workshops, industrial interactions, student accomplishments, and other initiatives that strengthen technical learning and overall development.

The Department of Mechanical Engineering continues to strive for excellence in education, research, and industry collaboration to prepare competent, ethical, and socially responsible engineers for the challenges of tomorrow.

We sincerely thank all faculty members, students, and contributors for their enthusiastic participation and valuable support in bringing out this issue successfully. We hope this newsletter inspires readers and encourages continued engagement in academic and professional growth.

We wish everyone a productive second half of the academic year and a great success in all future endeavors.

With Regards,

Dr. M. Naveen Srinivas
Head of the Department
Department of Mechanical Engineering
BVC Engineering College (A)
Odalarevu, Konaseema District, Andhra Pradesh



DEPARTMENT OF MECHANICAL

A HALF-YEARLY NEWSLETTER

Academic Year: 2024-25
July -Dec
Volume: 19
Issue - 2

BVC ENGINEERING COLLEGE(A)

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BVC ENGINEERING COLLEGE

(An autonomous institution)

Department of Mechanical Engineering

Vision and Mission of the Institute

INSTITUTION VISION

To become a leading technical institute of academic excellence by impartinghigh patterns of discipline through innovative programs of global standards making our students Technologically superior and ethically strong to serve the Nation

INSTITUTION MISSION

To create an environment that shall foster the growth of intellectually capable,innovative professionals who can contribute to the growth of Technology in partnership with industry and develop and harness it for the welfare of the Nationand mankind.

Vision and Mission of the Department

VISION:

To provide valuable resources for industry and society through excellence in teaching, learning and research in the field of Mechanical Engineering

MISSION:

Impart quality education and training to produce successful entrepreneurs and globally competent engineers for meeting the current and future needs of Mechanical and allied Engineering Industries.

- Engage in research and development in cutting edge and sustainable technologies.
- Enhance industrial collaboration and professional ethics to serve the society



Dr.Bonam krishna satish

Chairman

Chairman's Message

It gives me immense pleasure to present this edition of the college newsletter. At BVC Engineering College, we are committed to fostering academic excellence, innovation, and ethical values among our students. This newsletter reflects the vibrant activities, achievements, and collective efforts of our students and faculty.

I congratulate the editorial team for their dedication in bringing out this publication and appreciate all contributors for showcasing their talents. Let this serve as a platform to inspire creativity, share knowledge, and celebrate success.

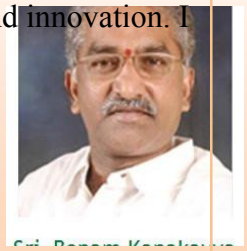
I wish all our students a bright and successful future

Secretary's Message

I am delighted to share a few words on this occasion of releasing our college newsletter. It is encouraging to see the enthusiasm and creativity of our students and faculty reflected in this publication.

Such initiatives not only highlight achievements but also promote knowledge sharing and innovation. I appreciate the efforts of the editorial team and all contributors for their valuable work.

Wishing everyone continued success in all their endeavors.



Sri Bonam kanakayya
Secretary

Principal's Message

I am pleased to present this edition of our college newsletter, which reflects the dynamic academic environment and achievements of BVC Engineering College. It is inspiring to witness the enthusiasm, creativity, and commitment of our students and faculty in various academic and co-curricular activities.This newsletter serves as a valuable platform for sharing knowledge, ideas, and accomplishments. I appreciate the sincere efforts of the editorial team and contributors in bringing out this publication successfully.I encourage all students to continue striving for excellence and uphold the values of discipline, innovation, and integrity.

Wishing you all a bright and successful future.

Dr. Maheshwar Dutta
Principal
BVC Engineering College

HOD's Message



It gives me great pleasure to share a few words through this newsletter. The Department of Mechanical Engineering at BVC Engineering College continues to strive for excellence in academics, research, and innovation.

This newsletter is a reflection of the hard work, creativity, and technical skills of our students and faculty. It showcases various achievements, activities, and advancements within the department.

I appreciate the efforts of the editorial team and contributors for bringing out this wonderful publication. I encourage all students to actively participate in such initiatives and continue to enhance their knowledge and skills.

Wishing everyone success in their future endeavors.

Dr.M.Naveen Srinivas
Head of the Department
Mechanical Engineering
BVC Engineering College

Faculty Details:

Sl.No	Name	Designation	Qualification
1	Dr. D Maheswar	Principal	M.Tech., Ph.D
2	Dr. M Naveen Srinivas	HOD	Ph.D
3	Dr. G. Narasa Raju	Professor	Ph.D
4	B. Srinivas	Professor	M.Tech.
5	Dr. Sujeet Kumar	Asst. Professor	Ph.D
6	Mr. Y.V. Ramana Murty	Assoc. Prof.	M.Tech.
7	Mr. G. Venkateswara Rao	Assoc. Prof.	M.Tech.
8	Mr. N. Vasudeva Rao	Assoc. Prof.	M.Tech.
9	Mr. G. Ganesh	Asst. Professor	M.Tech.
10	Mr. S.S.S. Krishna Kumar	Asst. Professor	M.Tech.
11	Mr. N. Guru Murthy	Asst. Professor	M.Tech.
12	Mr. K. Krishna Chaitanya	Asst. Professor	M.Tech.
13	S. Manoj Kumar	Asst. Professor	M.Tech.

Faculty publications/PATENTS

- "Optimization of process parameters in end milling of 5083 aluminium alloy" as published in JETIR(Journal of Emerging Technologies and Innovation Research) by ISSN:2349-5162 ,volume 5 issue 7 by Mr.G.Ganesh
- Optimization of Process Parameters of FDM Printed Carbon Fiber Reinforced PLA & PET-G as published in "Mukt Shabd Journal" by ISSN NO : 2347-3150,Volume IX ISSUE IV by Mr.G.Ganesh
- "*Microstructural and mechanical behaviour of hybrid composite aluminium reinforced with cashew nut shell ash and B4c particulates"*, Dogo Rangsang Research Journal, 2022, ISSN: 2347-7180.by Y.V.Ramana Murthy
- Indian Patent Published on "Low-Cost Electric Lantern using Sea Water" by Dr.G.Narasaraju
- "*Optimization of Micro EDM Process parameters on Al7075/CNT Composite using grey relational Analysis"*, Dec 2021, ISSN: 0886-9367. by Y.V.Ramana Murthy
- "*ANOVA and Fuzzy Logic Approach for Optimization of Surface Finishing and Material Removal Rate in Face Milling of Al5083 Alloy*" – IJSTR August 2020 ISSN 2277-8616 by Y.V.Ramana Murthy
- Narasa Raju Gosangi, Lingaraju Dumpala, "Influence of nano fly ash on wear behavior of friction stir weld joints of Al6063/nano fly ash composites", *International conference on research and advances in mechanical engineering*
- Narasa Raju Gosangi, Lingaraju Dumpala, "Effect of nano fly ash on wear resistance of Al6063/nano fly ash composites fabricated through stir casting method", *International conference on innovations in mechanical engineering*

FACULTY DEVELOPMENT PROGRAMME/WORKSHOPS ATTENDED

Mr.Y.V.RAMANA MURTHY

1) Secured Gold Medal and Stood as Topper in "Product Engineering & Design Thinking" offered by IIT Kharagpoor between January and March 2025.

2) Secured Elite in "Soft Nano Technology" offered by IIT Kharagpoor between January and March

3) Attended one-week Faculty development Program on "Smart Materials and Research Opportunities" organized by the Department of Mechanical Engineering, Vasireddy Venkatadri Institute Of Technology, Nambur, Guntur (Dt.), Andhra Pradesh, India from 27th to 31st May 2024

4) Attended one-week Faculty development Program on "Functional Matrials for Engineering Applications" organized by the Department of Mechanical Engineering, BMS College of Engineering, Bengaluru

Dr.G.NARASARAJU

1) Secured Elite in the course on “Laser Based Manufacturing” offered by IIT Guwahati between Aug and Oct 2024.

2) Participated in FDP on “Advancements in manufacturing and welding”, from 17th to 22nd June 2024, organized by JNTUK, Kakinada, E.G.Dt, A.P, India.

3) Participated in FDP on “Advances in materials and manufacturing processes”, from 29th to 03rd October 2024, organized by JNTUK, Kakinada, E.G.Dt, A.P, India.

Mr.GURUMURTHY NATHI

1) Certified in ICTACADEMY FDB Program on “Introduction to Solid Works” Conducted By ICT Academy on 23 June 2025 to 27 June 2025.

2) Certified in NPTEL online course on “Data Analytics with Python" during Jan-April 2025 conducted by IIT Roorkee.

3) Certified in NPTEL-AICTE online course on on “Metal Additive Manufacturing” Conducted By IIT Madras During Jul-Oct 2024.

Mr.GANESH GUBBALA

1) one week Faculty Development Program on Microsoft Azure AI Engineer Associate conducted by ICT Academy on 11 Mar 2024 to 15 Mar 2024 at Bonam Venkata Chalamayya Engineering College

2) Successfully Completed“Material Processing” an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera

3) Successfully Completed “Cyber Security in Manufacturing”an online non-credit course authorized by University at Buffalo and The State University of New York and offered through Coursera

Dept of Mechanical Events Organized :

Program1: One week work shop on ‘CATIA product Design and Drafting’





Program2 : One week work shop on Mechanical Components Drafting by AutoCAD

(06-01-2025 to 11-01-2025)







Program 3: A Seminar is conducted on "Emerging Trends in Engineering on Modelling and Simulation" by Dr. Shiva Rudraraju, Associate Professor, University of Wisconsin, USA on 11-02-2025 in E- Class room.



PLACEMENTS A.Y.2024-25

S.No.	Regd.No.	Name of the Student	Company	Salary/LPA
1	21221A0306	BONTHU SHANMUKH SAI VASU	Techwave	2.20 LPA
2	21221A0309	Jakkampudi Sai Satyanarayana	Brakes India Pvt. Ltd.	
3	21221A0311	Dommeti Ganesh Babji	G E Stamp	2.5 LPA
4	21221A0314	Inje Suhash	Brakes India Pvt. Ltd.	
5	21221A0316	Jagatha Sriram	suryatech solutions	1.8-2.6 LPA
6	21221A0317	Jangam Akhil	Brakes India Pvt. Ltd.	1.8-2.6 LPA
7	21221a0319	katta satya karthik	G E Stamp	2.5 LPA
8	21221A0320	Ketha vijay	G E Stamp	2.5 LPA
9	21221A0321	KODUDULA VENKATA PALLAPARAJU	Techwave	2.20 LPA

10	21221A0322	Koppadi ramachandra rao	G E Stamp	2.5 LPA
11	21221A0323	K Sai babu	TATA Projects Ltd.	1.8 LPA
12	21221A0323	Kuracha Sai Babu	Tata Strive	2.24 LPA
13	21221A0326	M Jeevan Kumar	TATA Projects Ltd.	1.8 LPA
14	21221A0326	Manepalli Jeevakumar	Tata Strive	2.24 LPA
15	21221A0326	Manepalli Jeevakumar	Scheindner	2.2 LPA
16	21221A0328	Nalla Ramesh Kumar	Techwave	2.20 LPA
17	21221A0331	Rankireddy Sai Mani Krishna	Scheindner	2.2 LPA
18	21221A0334	Saripella Satya Varma	Tata Strive	2.24 LPA
19	21221A0336	sunkar Rama sai kumar	Techwave	2.20 LPA
20	21221A0338	TAMARAPALLI VENKATA BALA SAI NAGA VINAY	G E Stamp	2.5 LPA

21	21221A0339	N. Hareesh	G E Stamp	2.5 LPA
22	21221A0340	Vasamsetti Satya Siva Bhargav	Brakes India Pvt. Ltd.	2.5 LPA
23	21221A0341	Yellamelli praneeth	G E Stamp	2.5 LPA
24	21221A0342	TATIKAYALA VEERA DURGA NARENDRA	G E Stamp	2.5 LPA
25	22225A0301	ANISETTI SUDHEER	Techwave	2.20 LPA
26	22225A0301	Anisetti sudheer	SunVieng/Aegis Digital	2.0 LPA
27	22225A0303	Badana Giri babu	G E Stamp	2.5 LPA
28	22225A0306	Bennabathula Rajesh	SunVieng/Aegis Digital	2.0 LPA
29	22225A0309	Bheemisetty Vasu Siva Durga Vinay	Skill Intern	4.20 - 5.20 LPA

30	22225A0309	BHEEMISETTY VASU SIVA DURGA VINA	BSCPL Infrastructure Limited	2.24 LPA
31	22225A0309	Bheemisetty Vasu Siva Durga Vinay	Qspiders	2.24 LPA
32	22225a0310	Bheesetti venkata mohan	Techwave	2.20 LPA
33	22225A0313	Chodisetti Jyothi Prakash	Tata Strive	2.24 LPA
34	22225A0314	Chollangi Rama Kotesh	Lucas TVS	2.16-2.28 LPA
35	22225A0315	D Venkata Krishna	TATA Projects Ltd.	1.8 LPA
36	22225A0315	D Venkat krishna	SunVieng/Aegis Digital	2.0 LPA
37	22225A0319	Gubbala Lakshmi Satyanarayana	SunVieng/Aegis Digital	2.0 LPA
38	22225A0319	Gubbala Lakshmi Satyanarayana	G E Stamp	2.5 LPA

39	22225A0319	Gubbala Lakshmi Satyanarayana	Qspiders	2.24 LPA
40	22225A0322	Guduri Veera Venkata Durgarao	Brakes India Pvt. Ltd.	2.24 LPA
41	22225A0325	Yernaidu Jami	G E Stamp	2.5 LPA
42	22225A0326	KADALI BHAVANI SANKAR	Techwave	2.20 LPA
43	22225A0329	Hema krishna Sai	TATA Projects Ltd.	1.8 LPA
44	22225A0329	Kakileti Hema Krishnasai	Scheindner	2.2 LPA
45	22225a0329	Kakileti Hema Krishnasai	G E Stamp	2.5 LPA
46	22225A0330	KAMISETTI LAKSHMANA RAO	SunVieng/Aegis Digital	2.0 LPA
47	22225A0330	Kamisetti Lakshmana Rao	Scheindner	2.2 LPA
48	22225A0331	Kandikatla Surya Teja	SunVieng/Aegis Digital	2.0 LPA
49	22225A0331	Kandikatla Surya Teja	Scheindner	2.2 LPA

50	22225A0331	Kandikatla Surya Teja	G E Stamp	2.5 LPA
51	22225A0332	Kasi Praveen Raju	Tata Strive	2.24 LPA
52	22225A0334	Kola Gagan Vamsi Krishna	Brakes India Pvt. Ltd.	2.24 LPA
53	22225A0335	Korukonda Krishna Swami	Tata Strive	2.24 LPA
54	22225A0335	Korukonda Krishna Swami	suryatech solutions	1.8-2.6 LPA
55	22225A0339	MALLAMPALLI SAI SUBHASH	G E Stamp	2.5 LPA
56	22225A0341	MATHURTHI RAJ KUMAR	G E Stamp	2.5 LPA
57	22225A0345	MOLLETI NETAJI BHASKAR	SunVieng/Aegis Digital	2.0 LPA
58	22225A0347	Shyam nakka	G E Stamp	2.5 LPA
59	22225A0350	Pampana Kiran Kumar	Tata Strive	2.24 LPA
60	22225A0351	Pamu Praveen Teja	TATA Projects Ltd.	1.8 LPA
61	22225A0351	Pamu Praveen Teja	Tata Strive	2.24 LPA

62	22225A0354	Peddimsetti Ashok Teja	Tata Strive	2.24 LPA
63	22225A0355	Pilli Durga Manikanta	Lucas TVS	2.16-2.28 LPA
64	22225A0356	PITANI SANDEEP	Techwave	2.20 LPA
65	22225A0357	Ponnapalli Shanmukha Srikanth	Brakes India Pvt. Ltd.	
66	22225A0358	Rayapudi Ganesh	Tata Strive	2.24 LPA
67	22225A0360	Sahu chakradhar	Techwave	2.20 LPA
68	22225A0361	Saladi. Veera Ganesh Kumar	Techwave	2.20 LPA
69	22225a0361	Saladi. Veera Ganesh Kumar	SunVieng/Aegis Digital	2.0 LPA
70	22225A0362	Sampathi Venkatesh	Techwave	2.20 LPA
71	22225A0364	Sangani Yaswanth Sai	TATA Projects Ltd.	1.8 LPA
72	22225A0365	THEETLA KRISHNA MURTHY	G E Stamp	2.5 LPA

73	22225A0366	UNDRAJAVARAPU VAMSI CHARAN	SunVieng/Aegis Digital	2.0 LPA
74	22225A0367	Ungarala Kumarbobby	Scheindner	2.2 LPA

Editorial Board

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Mr.GANESH GUBBALA

Assistant Professor

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Kukkala Surya 22221A0324

Polisetti Vivek 22221A0336

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