BONAM VENKATA CHALAMAYYA ENGINEERING COLLEGE
(AUTONOMOUS)
ODALAREVU – 533210, KONASEEMA DISTRICT, ANDHRA PRADESH

DEPARTMENT OF MECHANICAL ENGINEERING
A HALF-YEARLY NEWSLETTER

A.Y. 2023–24 | JAN – MAY | VOL. 19 | ISSUE – 2

COVER LETTER

Date: May 2024

To
The Readers, Faculty, Students & Stakeholders

Subject: Release of Department Newsletter –
A.Y. 2023–24, JAN – MAY, VOL. 19, ISSUE – 2

It gives me immense pleasure to present the Half-Yearly Newsletter of the Department of Mechanical Engineering, Bonam Venkata Chalamayya Engineering College (Autonomous), for the academic year 2023–24, covering the period January to May.

This newsletter showcases the academic achievements, research contributions, innovative practices, co-curricular activities, workshops, industrial interactions, student accomplishments, and various initiatives undertaken by our department during the first half of the academic year.

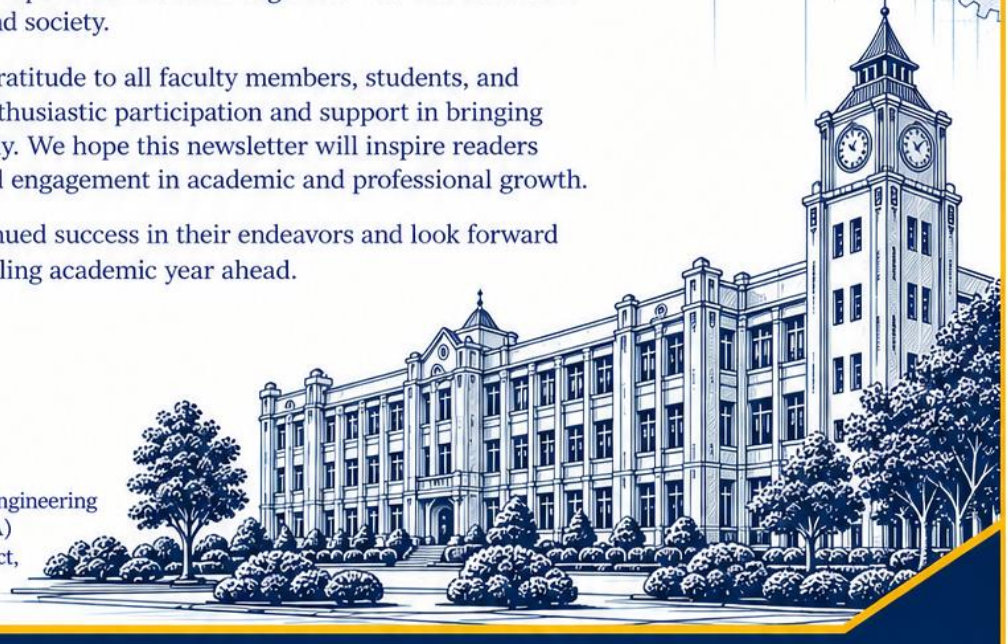
The Department of Mechanical Engineering is committed to imparting quality education, enhancing technical skills, and fostering research and innovation to produce competent and ethical engineers who can contribute effectively to industry and society.

We extend our sincere gratitude to all faculty members, students, and contributors for their enthusiastic participation and support in bringing out this issue successfully. We hope this newsletter will inspire readers and encourage continued engagement in academic and professional growth.

We wish everyone continued success in their endeavors and look forward to a productive and fulfilling academic year ahead.

With Regards,

Prof. B. Srinivas
Head of the Department
Department of Mechanical Engineering
BVC Engineering College (A)
Odalarevu, Konaseema District,
Andhra Pradesh – 533210



DEPARTMENTOFMECHANICAL

AHALF-YEARLYNEWSLETTER

Academic Year: 2023-24
July -Dec
Volume: 19
Issue - 2

BVC ENGINEERING COLLEGE(A)

Odalarevu-533210, Konaseema Dist.,AP
Tel:08856-245666,9849642742
Email:bvcec@hotmail.com

BVC ENGINEERING COLLEGE

(An autonomous institution)

Departmentof Mechanical Engineering

VisionandMissionoftheInstitute

INSTITUTIONVISION

To become aleading technical institute of academic excellence by impartinghighpatternsofdisciplinethroughinnovativeprogramsofglobalstandardsmakingourstudentsTechnologicallysuperiorandethicallystrongtoservetheNation

INSTITUTIONMISSION

To create an environment that shall foster the growth of intellectually capable,innovativeprofessionalswhocancontributetothegrowth ofTechnologyinpartnershipwithindustryanddevelopandharnessitforthewelfareoftheNationandmankind.

VisionandMissionoftheDepartment

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'sMessage

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'sMessage

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'sMessage



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. Chandra Mouli V.S.M
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 IVby 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*

FACULTYDEVELOPMENTPROGRAMME/WORKSHOPSATTENDED

Mr.Y.V.RAMANA MURTHY

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

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

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’








"MECHANICAL ENGINEERING SKILLS BOOT-CAMP"
Organized by DEPARTMENT OF
MECHANICAL ENGINEERING
GPS Map Camera
Odalarevu, Andhra Pradesh, India
Mechanical Block, BVC Engineering College Rd, Odalarevu, Andhra Pradesh 533210, India
Lat 16.428172°
Long 81.983461°
17/02/24 02:38 PM GMT +05:30
Google


Mahalakshmi
INDUSTRIAL VISIT
DHAWAN SPACE CENTRE - SHAR
SRIHARIKOTA, ANDHRA PRADESH

PLACEMENTS A.Y.2024-25

20221A0305	SAI SIDDARDHA CHITTURI	SuryaTech Solutions	2.94 LPA
20221A0314	I L V N R GANESH	Oscan Elevators Pvt Ltd	2.40 LPA
20221a0320	Sri Rama Krishna	Dexeterity EdTech Pvt Ltd	
20221A0326	Kunche Tharun	Prospira India Automotive Products Pvt Limited	19,000
20221A0340	Y.John wesley	Prospira India Automotive Products Pvt Limited	19,000
20221a0342	Yarramsetti sudheer	Palle Technologies	
21225A0303	BHANU CHANDU BILLA	SuryaTech Solutions	2.94 LPA
21225a0303	BHANU CHANDU BILLA	REXNORD Electronics & Controls	2.04 LPA
21225A0303	BILLA BHANU CHANDU	Prospira India Automotive Products Pvt Limited	19,000
21225A0303	BHANU CHANDU BILLA	Oscan Elevators Pvt Ltd	2.40 LPA
21225A0305	Bommali Manohar	Dexeterity EdTech Pvt Ltd	
21225A0305	bommali manohar	Prospira India Automotive Products Pvt Limited	19,000
21225a0306	CHIKKALA NAGA PHANINDRA	REXNORD Electronics & Controls	2.04 LPA
21225a0306	Chikkala Naga Phanindra	Prospira India Automotive Products Pvt Limited	19,000
21225a0307	CHILAKAMARTHI ESWAR	REXNORD Electronics & Controls	2.04 LPA
21225a0307	Chilakamarthi Eswar	Prospira India Automotive Products Pvt Limited	19,000
21225A0308	Chitturi Venkat	MGH Infrastructures	15,000
21225A0308	Chitturi Venkat	Palle Technologies	
21225A0308	chitturi venkat	Prospira India Automotive Products Pvt Limited	19,000
21225A0309	Dangeti Krishna Kumar	Prospira India Automotive Products Pvt Limited	19,000
21225A0310	MANIKANTA DEYYALA	SuryaTech Solutions	2.94 LPA
21225A0310	DEYYALA MANIKANTA	Prospira India Automotive Products Pvt Limited	19,000
21225A0311	CHAITANYA	Prospira India Automotive Products Pvt Limited	19,000
21225a0312	DUBA LAKSHUNNAIDU	REXNORD Electronics & Controls	2.04 LPA
21225A0313	DUBE SATISH SINGH	SuryaTech Solutions	2.94 LPA

21225a0313	DUBE SATISH SINGH	Palle Technologies	
21225A0313	Dube Satish Singh	Prospira India Automotive Products Pvt Limited	19,000
21225A0315	Golla Vinay Kumar	MGH Infrastructures	15,000
21225a0315	vinay kumar goila	Prospira India Automotive Products Pvt Limited	19,000
21225A0316	Gollapalli Sunil	**Sunvi Eng Pvt.Ltd**	Rs. 13,000/-
21225A0318	VINAY TEJA GUTHULA	**SuryaTech Solutions**	2.94 LPA
21225A0318	Guthula Vinay Teja	**Prospira India Automotive Products Pvt Limited**	19,000
21225A0318	G.Viney Teja	**Premier Entergies Ltd**	Rs.14,500/-
21225A0319	K HARI CHANDRA VARA PRASAD	**SuryaTech Solutions**	2.94 LPA
21225A0319	K HARI CHANDRA VARA PRASAD	**REXNORD Electronics & Controls**	2.04 LPA
21225A0319	Hari chandra vara prasad kollati	**Prospira India Automotive Products Pvt Limited**	19,000
21225A0319	H.Vara prasad	**Premier Entergies Ltd**	Rs.14,500/-
21225a0322	Jonnalagadda Satish	**Dexeterity EdTech Pvt Ltd**	
21225A0323	LEELA VENKATA SAIRAM KADALI	**SuryaTech Solutions**	2.94 LPA
21225a0323	LEELA VENKATA SAIRAM KADALI	**REXNORD Electronics & Controls**	2.04 LPA
21225A0323	Kadali Leela Venkata Sai Ram	**Prospira India Automotive Products Pvt Limited**	19,000
21225A0324	KADALI VENKATA REDDY	**SuryaTech Solutions**	2.94 LPA
21225a0324	KADALI VENKATA REDDY	**REXNORD Electronics & Controls**	2.04 LPA
21225a0324	VENKATAREDDY KADALI	**Prospira India Automotive Products Pvt Limited**	19,000
21225A0330	K.Mohan Venkata Manikanta	**Premier Entergies Ltd**	Rs.14,500/-
21225A0332	Laxmi Manikanta	**Sunvi Eng Pvt.Ltd**	Rs. 13,000/-
21225a0333	MAGAPU BHASKARA SRINU	**REXNORD Electronics & Controls**	2.04 LPA
21225A0333	Magapu Bhaskara Srinu	**Prospira India Automotive Products Pvt Limited**	19,000
21225A0334	RATHAN VARDHAN MAKEY	**SuryaTech Solutions**	2.94 LPA
21225A0334	R.Vadhan Mokey	**Premier Entergies Ltd**	Rs.14,500/-
21225A0336	KARTHIK SAI SUMANTH MATTAPARTHI	**SuryaTech Solutions**	2.94 LPA

21225A0336	Mattaparthi Karthik Sai Ssumanth	**Prospira India Automotive Products Pvt Limited**	19,000
21225A0336	Sai karthik Matlapanshi	**Premier Entergies Ltd**	Rs.14,500/-
21225A0341	PEDAPATI VARUN KUMAR	**ExpressRoadways**	2.5 - 3.00 LPA
21225A0341	PEDAPATI VARUN KUMAR	**Palle Technologies**	
21225a0342	SIVA SURYANARAYANA POLISETTI	**Mircomatic machine tools**	
21225A0342	SIVA SURYANARAYANA POLISETTI	**Deloittee**	Rs.15,000/- PM
21225a0343	POLISETTI VIKAS	**REXNORD Electronics & Controls**	2.04 LPA
21225A0344	RAJU PONNADA	**SuryaTech Solutions**	2.94 LPA
21225A0347	Samsani Kumar Manikanta	**SuryaTech Solutions**	2.94 LPA
21225a0347	Samsani Kumar Manikanta	**Dexeterity EdTech Pvt Ltd**	
21225a0350	Sirugudu Kesavarao	**Dexeterity EdTech Pvt Ltd**	
21225a0350	Sirugudu Kesavarao	**REXNORD Electronics & Controls**	2.04 LPA
21225A0350	Sirugudu Kesava Rao	**Prospira India Automotive Products Pvt Limited**	19,000
21225A0353	THIKKIREDDY VEERADURGA ANJANEYULU	**Palle Technologies**	
21225a0353	THIKKIREDDY VEERADURGA ANJANEYULU	**REXNORD Electronics & Controls**	2.04 LPA
21225A0353	Thikkireddy Veeradurga Anjaneyulu	**Prospira India Automotive Products Pvt Limited**	19,000
21225A0354	Thirumunadham Sivakumar	**Prospira India Automotive Products Pvt Limited**	19,000
21225A0356	TOGU KUMAR SWAMY	**SuryaTech Solutions**	2.94 LPA
21225a0356	TOGU KUMAR SWAMY	**REXNORD Electronics & Controls**	2.04 LPA
21225A0361	VENNA BHANU VENKATA SATYA SRI SAIRAM	**Sunvi Eng Pvt.Ltd**	Rs. 13,000/-
21225a0362	YELEM VENKATA NAVEEN KUMAR	**REXNORD Electronics & Controls**	2.04 LPA
21225A0362	YElEM VENKATA NAVEEN KUMAR	**Prospira India Automotive Products Pvt Limited**	19,000
21225A0362	Y.U.Naveen Kumar	**Sunvi Eng Pvt.Ltd**	Rs.

			13,000/-
21225A0364	CHINTAKULA SIVA RAMA KRISHNA	**SuryaTech Solutions**	2.94 LPA
21225A0367	ADITYA VARDHAN KADALI	**SuryaTech Solutions**	2.94 LPA
21225A0367	Kadali aditya vardhan	**Prospira India Automotive Products Pvt Limited**	19,000
21225A0367	V Adithya	**Premier Entergies Ltd**	Rs.14,500/-
21225A0369	MULAPARTHI PAVAN KUMAR	**SuryaTech Solutions**	2.94 LPA
21225A0369	Pavan Kumar	**Premier Entergies Ltd**	Rs.14,500/-
21225A0370	NOOKENDRA MANIKANTA GADI	**SuryaTech Solutions**	2.94 LPA

Editorial Board

Faculty Coordinator

Dr.G.Narasaraju

Professor

Students Editors

A.Manikanata 20221A0310

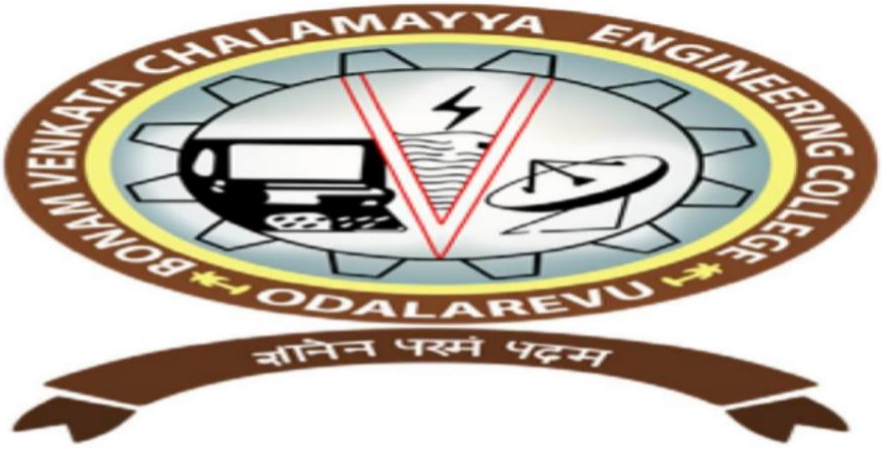
Kukkala Surya 21221A0324

Polisetti Vivek 21221A0336

Prepared by

The Department of Mechanical Engineering, BVC Engineering College (A)

Website: bvcec.edu.in



B.V.C Engineering College(A)

Odalarevu-533210,Konaseena District.,AP

Tel:08856-250825,093925 22444

bvcec.edu.in