BONAM VENKATA CHALAMAYYA
ENGINEERING COLLEGE
AUTONOMOUS | ODALAREVU



Mechanical Engineering

YANTRIKA 2K25

TRIBUTES TO



Sri

BONAM VENKATA CHALAMAYYA

FOUNDER PRESIDENT - BVC GROUP

His vision planted the seeds,
his values nurtured the roots,
and his love continues to inspire.
His legacy lives on in every life he touched.

1932 – 2001

Tributes to



Late Sri Bonam
Venkata Rajesh

1978 - 2021

BVC ENGINEERING COLLEGE

(AN AUTONOMOUS INSTITUTION)



Department of Mechanical Engineering

Vision & Mission of the Institute

INSTITUTION VISION

To become a leading technical institute of academic excellence by imparting high 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 Nation and mankind



CHAIRMAN'S MESSAGE

DR. BONAM KANAKA DURGA

It gives me immense pleasure to present this edition of the college magazine at BVC Engineering College, we are committed to fostering academic excellence, innovation, and ethical values among our students. This magazine 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

SRI BONAM KANAKAYYA

I am delighted to share a few words on this occasion of releasing our college magazine. 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.



PRINCIPAL'S MESSAGE

DR. D. MAHESWAR DUTTA

I am pleased to present this edition of our college magazine, 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 magazine 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.

Department of Mechanical Engineering

Vision & 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





HOD's Message

Dr. Naveen Srinivas Madugula

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

Faculty Details

Dr. Naveen Srinivas Madugula HOD Ph.D

Prof.B.Srinivas M.tech., (Ph.D)

Dr.G.Narasraj Professor Ph.D

Dr.SujeetKumar Asst.Professor Ph.D

Mr.Y.V.RamanaMurty Associate Professor M.Tech., (Ph.D)

Mr. N. Vasudeva Rao Associate Professor M.Tech., (Ph.D)

Mr. G. Venkateswara Rao Associate Professor, M.Tech

Mr.G.Ganesh Asst.Professor M.Tech.

Mr.N.GuruMurthy Asst.Professor M.Tech.

Mr.K.KrishnaChaitanya Asst.Professor M.Tech.

Mr.S.S.S.KrishnaKumar Asst.Professor M.Tech.

Faculty Publications/patents/conferences

- Sujeet Kumar, Madugula Naveen Srinivas, Naveen Kumar, Jayant Giri, Amanullah Fatehmullaand Saurav Mallik "Evaluation of microstructural and mechanical qualities in optimised TIG-welded SDSS 2507 joints"Materials Science-Poland Volume 42 Issue 4 • pp. 163–179 • DOI: 10.2478/msp-2024-0051.

- Naveen Srinivas, M., et al. "An investigation on the mechanical and corrosion characteristics of magnesium-zinc alloy nanocomposites manufactured via ultrasound-assisted stir squeeze casting." Metallurgical Research & Technology6 (2024): 621.

- Sujeet Kumar, Naveen Srinivas, Ravi Kumar, Naveen Kumar, Jayant Giri. "An extensive analysis of GTAW process and its influence on the microstructure and mechanical properties of SDSS 2507." Journal of Materials Research and Technology 1 (2024): 1-26

- Narasa Raju Gosangi, Lingaraju Dumpala (2019) "Influence of reinforcement on optimized weld bead properties of friction stir welded AL6063/nano fly ash composite", Engineering Research Express, 1(2019), 025054, ISSN: 2631-8695

- Narasa Raju Gosangi, Lingaraju Dumpala (2019) "Characterization of friction stir welded AL6063/nano fly ash composite", Materials Research Express, 6(2019), 076564, Impact Factor: 1.410 (SCIE Indexed),

- K.Krishna chaitanya"Effect of Al2O3 and SiO2 Reinforcement on the wear characteristic of UHMWPE composite" - IJAEMA JOURNAL, VOLUME XVI, ISSUE 11, NOVEMBER/2024

- Y.V.Ramana Murthy "Comparative Study on Dry and Wet Wear Characteristics of Ultra-High Molecular Weight Polyethylene Composites Reinforced with Direct Precipitated Nano Zinc Oxide", Annales de Chimie - Science des Matériaux Vol. 48, No. 1, February, 2024, pp. 63-72

- Ganesh Gubbala"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

- Y.V.Ramana Murthy"Fabrication and Characterization of Ly556 Epoxy based Glass fiber and Natural Fiber Composite Materials, Mathematical Statistician"







DEPARTMENT OF MECHANICAL ENGINEERING

BVC ENGINEERING COLLEGE

DEPARTMENT OF MECHANICAL ENGINEERING

BVC ENGINEERING COLLEGE




Bonam Venkata Chalamayya
Engineering College-Odalarevu (Autonomous)
GPS Map Camera
Odalarevu, Andhra Pradesh, India
Mechanical Block, BVC Engineering College Rd, Odalarevu, Andhra Pradesh 533210, India
Lat 16.428038°
Long 81.983671°






BONAM VENKATA CHALAMAYYA ENGINEERING
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Permanently Affiliated
Odalarevu,
A.P.-India
NAAC


ONE DAY WORKSHOP
ON
On 09-08-2024
GPS Map Camera
Odalarevu, Andhra Pradesh, India

BONAM VENKATA CHALAMAYYA
ENGINEERING COLLEGE
TONOMOUS - ODALAREVU

Bonam Venkata Chalamayya Engineering College,
Odalarevu joyfully announces that

DR. BONAM KANAKA DURGA
CHAIRPERSON, BVC ENGINEERING COLLEGE

has been unanimously elected as the

JOINT SECRETARY OF APPECMA
(Andhra Pradesh Private Engineering Colleges Managements' Association)



Her commitment to academic excellence, progressive leadership, and service to the educational fraternity has earned this prestigious role.

We extend our heartfelt congratulations and best wishes for her proactive contributions toward strengthening technical education across Andhra Pradesh.

– BVC FAMILY



EXTENSION ACTIVITIES CELL



UNITY MARCH (DISTRICT-LEVEL PADYATRA)

In commemoration of the 150th Birth Anniversary of
SARDAR VALLABHBHAI PATEL
Date: **November 12, 2025**
Venue: **Amalapuram.**

Organized by **MY Bharat Team,**
Dr. B.R. Ambedkar Konaseema District.








Odalarevu, Andhra Pradesh, India
Mechanical Block, BVC Engineering College Rd, Odalarevu, Andhra Pradesh 53
Lat 16.428131°
Long 81.983521°
18/09/24 02:51 PM GMT +05:30










BONAM VENKATA CHALAMAYYA
ENGINEERING COLLEGE
ODALAREVU - AUTONOMOUS
It is a moment of great pride for
BVC Engineering College odalarevu
to have three of its alumni being members
in the team of ISRO in the successful and safe landing
of the Vikram Lander in the mission of Chandrayaan-3
Uggirala srinivas
Bvc roll No: 14221D2017
K Venkatesh Babu
Bvc roll No:14225A0317
P. Vijay Ganesh
Bvc roll No:02221A0448
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MECHANICAL ENGINEERING
ENGINEERING COLLEGE
INNOVATE · CREATE · INSPIRE







DEPARTMENT OF MECHANICAL ENGINEERING

BVC ENGINEERING COLLEGE

B V C ENGINEERING COLLEGE :: ODALAREVU

MECHANICAL PLACEMENTS DATA OF A.Y. 2024-2025

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.	
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.	
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	
31	22225A0309	Bheemisetty Vasu Siva Durga Vinay	Qspiders	
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

DEPARTMENT OF MECHANICAL ENGINEERING

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38	22225A0319	Gubbala Lakshmi Satyanarayana	G E Stamp	2.5 LPA
39	22225A0319	Gubbala Lakshmi Satyanarayana	Qspiders	
40	22225A0322	Guduri Veera Venkata Durgarao	Brakes India Pvt. Ltd.	
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.	
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



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Prepared by

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

Odalarevu-533210, Konaseema District , AP
Tel: 08856-250825,09392522444
bvcec.edu.in

BONAM VENKATA CHALAMAYYA ENGINEERING COLLEGE
ODALAREVU

ज्ञानेन परमं पदम

Editorial Board

Faculty Co-ordinator

Mr. Y. V. Ramana Murthy

Associate Professor

Student's Editor

P. Sidhu
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"Turning imagination into motion."