
BONAM VENKATA CHALAMAYYA
ENGINEERING COLLEGE
AUTONOMOUS | ODALAREVU
Mechanical Engineering
RESONANCE
2K24

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 KRISHNA SATISH

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. CHANDRA MOULI. V.S.M

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

Prof. B. Srinivas

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.Chandra Mouli V.S.M
Principal M.Tech., Ph.D

Prof.B.Srinivas
HOD Ph.D

Dr.G.Narasraj
Professor Ph.D

Dr.S. Vijay Kumar
Professor Ph.D

Dr.Y.Sujatha
Professor Ph.D

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

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

Mr. N. Vasudeva Rao
Associate Professor, M.Tech

Faculty Details

Mr. G. Ganesh
Assistant Professor M.Tech

Mr.A.S.V Prasad
Assistant Professor M.Tech

Mr. S.S.S. Krishna Kumar
Assistant Professor M.Tech

Mr. N. Guru Murthy
Assistant Professor M.Tech

Mr.Ganta Raju
Assistant Professor M.Tech

Mr.B.Srikanth
Assistant Professor M.Tech

Mr.Ch. Vinodh
Assistant Professor M.Tech

Mr.Ch.Jaya Teja
Assistant Professor M.Tech

Mr. K. Krishna Chaitanya
Assistant Professor M.Tech

Mr. Manoj Kumar
Assistant Professor M.Tech

Ms. G.Sirisha
Assistant Professor M.Tech

Faculty Publications/patents/conferences

Prof.B.Srinivas

- Bathula Srinivas " Optimizing Tensile Strength and Hardness in Al- based Hybrid Composites via Stir Squeeze technique", 2nd International Conference on Smart Sustainable Materials and Technologies (ICSSMT 2023), Advances in Science, Technology & Innovation, https://doi.org/10.1007/978-3-031-49826-8_2; Springer Book Series (Scopus Indexed)
- Bathula Srinivas & Ranga Janardhana, "Effect of strontium modifier on the microstructure, mechanical properties and fractography analysis of as-cast AlSi7Mg0.3 alloy", Advances in Materials and Processing Technologies", Taylor & Francis Publications, ISSN: 0921-5107 / 1873-4944
- Bhiksha Gugulothu, P. S. Satheesh Kumar, Bathula Srinivas, Alapati Ramakrishna,and S. Vijayakumar, "Investigating the material removal rate parameters in ECM for Al5086 Alloy-Reinforced Silicon carbide/Flyash hybrid composites by using Minitab 18", Journal: Advances in Materials Science and
  Engineering, Hindawi Publishers; SCI-E Indexed, Vol.2021, pp.1-6;
- Prof. B. Srinivas, "Profile Modification, Validation and Manufacturing of Spur Gear to Increase the Gear Tooth Strength, Journal of Shanghai Jiaotong University, Scopus indexed, Vol.17, pp.132-142, 2022;
- Published an Invention on "3-Axis Actuator", The Patent Office Journal No. 52/2022 Dated 30/12/2022; (Application No. 202241072914 A)

Mr.Y.V.Ramana Murthy

- "Fabrication and Characterization of Ly556 Epoxy based Glass fiber and Natural Fiber Composite Materials, Mathematical Statistician and Engineering Applications" 2022,ISSN: 2094-0343-2326- 9865 by Y.V.Ramana Murthy
- "Microstructural and mechanical behaviour of hybrid composite aluminium reinforced with cashewnut shell ash and B4c particulates", Dogo Rangsang Research Journal, 2022, ISSN: 2347-7180 by Y.V.Ramana Murthy
- "Optimization of Micro EDM Process parameters on Al7075/CNT Composite using grey relational Analysis", Dec 2021, ISSN: 0886-9367.
- "Optimization of Process parameters and selection of cutting tools for hard milling of Aluminium HE 15& HE 30", Nov2021, ISSN(online) 2456-0774

Dr.G.Narasaraju

- 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







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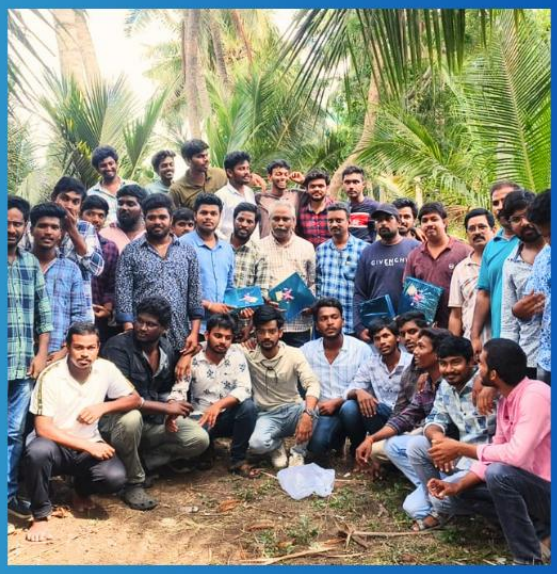
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CONGRATULATIONS
to our
III-II (2022-23) SEMESTER TOPPERS
P.S.SURYANARAYANA
21225A0342
9.16 SGPA
1st TOPPER
V.B.V.S.S.SAIRAM
21225A0361
9.02 SGPA
2nd TOPPER
T.V.D.ANJANEYULU
21225A0353
8.88 SGPA
3rd TOPPER
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MECHANICAL GRADUATE
SENIOR MANAGER
Coming from a mechanical background, I once struggled to find recognition—but today, at Seoak Innovations, every effort is valued, proving that the right environment makes all the difference.
Rama Krishna Kota
Senior Manager


AUTONOMOUS - ODALAREVU.
Hearty Congratulations
Our BVCian
kagithapu chandu
Mechanical-23221A0324
for securing the Second Place in Shot Put Athletics at the JNTUK Central Zone Athletics (Men & Women) Inter-Collegiate Tournament cum Selection Trials on Nov 11th and 12th for the Academic year 2024-25.


BONAM VENKATA CHALAMAYYA
MECHANICAL ENGINEERING
ENGINEERING COLLEGE
INNOVATE • CREATE • INSPIRE


TRAINING & PLACEMENT CELL
Hearty Congratulations to
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GOT PLACEMENT IN
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5.0 LPA


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Hearty Congratulations
to
D.Manikanta
20225A0307
for getting placed in
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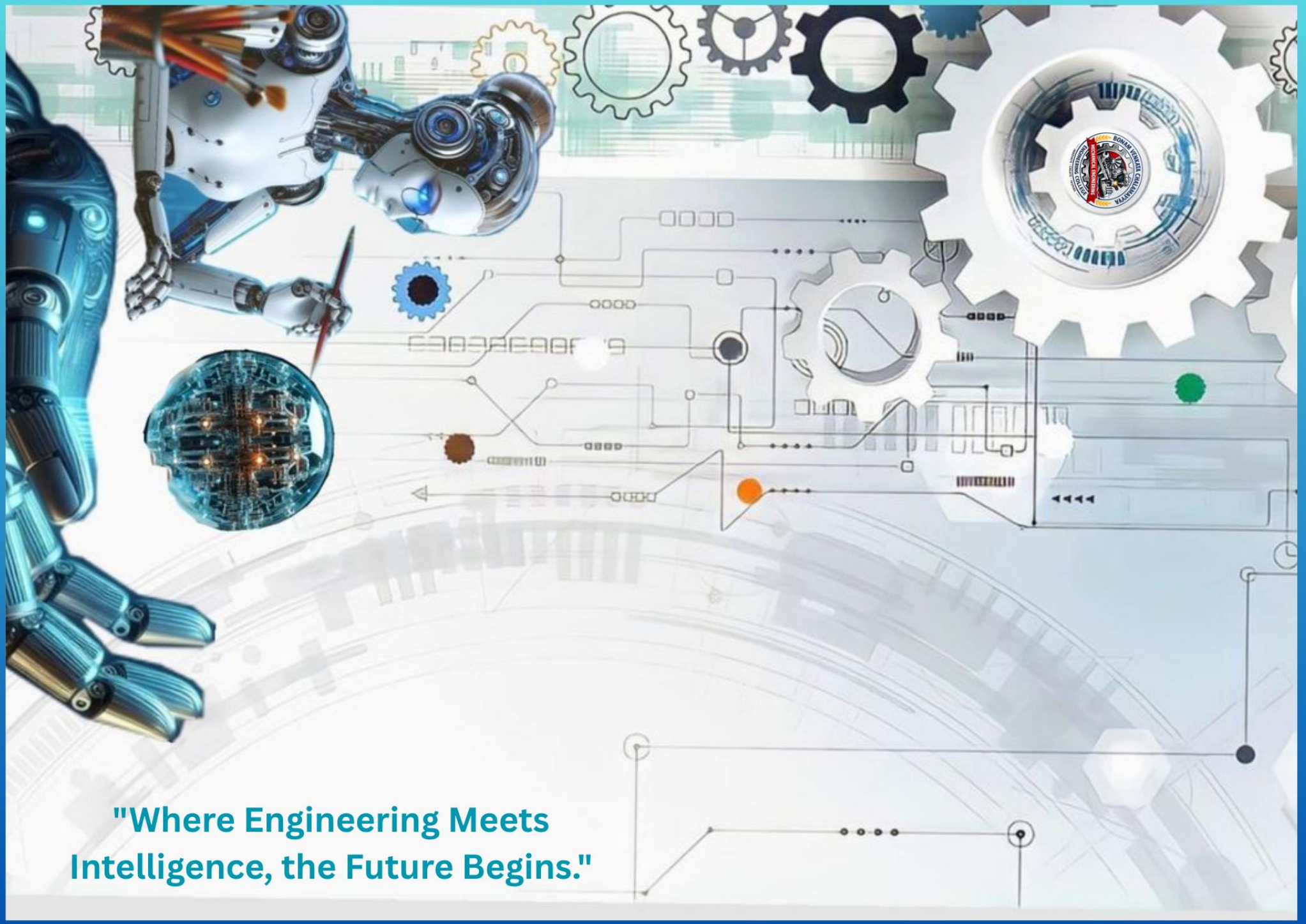
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Mr. G. Venkateswara Rao

Associate Professor

Student's Editor

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S.S Varma 21221A0334
Ch.Bhanu Mahesh 22221A0309


"Where Engineering Meets
Intelligence, the Future Begins."