



BUILDERS ENGINEERING COLLEGE

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai
ISO 9001:2015 Certified Institution & Accredited by NAAC with B++ Grade

Erode Road, Nathakadaiyur, Kangayam, Tirupur - 638 108, Tamil Nadu.

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ANNUAL REPORT 2017-2018

I am extremely privileged and honored to welcome the Chief Guests, Chairman, Secretary, Treasurer, Correspondent, Trustees, Faculty and Student friends.

I take the opportunity to share with you our 9th Annual Report for the year 2017-18. The past year was marked with many events and success stories. This can be attributed to the dedication and team spirit of the members of the Management, Faculty and students.

Builders Engineering College is promoted by a league of eminent builders from Erode with the unique objective to impart value based education to prepare students for a successful career.

With its gracious commencement in 2009, Builders Engineering College offers three streams of education namely Engineering, Computer Applications and Management. BEC is approved by NAAC Committee with grade of B++ and affiliated to Anna University, Chennai.

FACULTY OF ENGINEERING offers Civil Engineering, CSE, ECE, EEE and Mechanical Engineering in Bachelor of Engineering and in Master of Engineering. It offers CSE, Construction Engineering & Management and Structural Engineering.

FACULTY OF COMPUTER APPLICATIONS offers 3 year and 2 year full-time programme leading to MCA degree.

FACULTY OF MANAGEMENT commenced its first year of operations in 2009 and within seven years since inception, it has been able to carve a niche for itself among the stakeholders concerned.

ACADEMIC EXCELLENCE:-


“We are what we repeatedly do. Excellence, then, is not an act, but bit”

In Faculty of Engineering, the average pass percentage of UG students is 78% and average pass percentage of PG students is 100%.

Department of MCA and MBA have produced 100% and 88% results respectively in this academic year.

- Ms. Sankavi. P, Student of EEE secured 46th University rank during this academic year.
- Mr. Prakash. M, Student of ME Structural Engineering secured 35th University rank during this academic year.
- Ms. Janani. S, Student of ME Construction Engineering and Management has secured 15th University rank during this academic year.




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- MCA department has achieved 7 University Ranks

MoU DETAILS:-

It was initiated in the year 2013 and our institution has signed MoU's with the companies for various departments. Some of the companies are

- HARITHATECHSERV, Chennai.
- Amazon web services.

The MoU between Builders Engineering College & Builders Association of Erode center has been made for 5 years for the purpose of placement, Internship, Practical Training, Knowledge Exchange and Consultancy.

STUDENT ACHIEVEMENTS:-

“A dream becomes a goal when action is taken towards its achievement”

Nearly 300 Students from various departments have presented papers in Conferences and Programme shield at various engineering colleges and brought laurels to our institution.

D.Sarrann of IIIrd year Mechanical Engineering has won ELITE MEDAL with 89% in NPTEL course conducted by IIT, Kanpur.

T.Anbukumar of IVth year Mechanical Engineering has won Best Paper Award on “PALATIZING ROBOTICARM” at Velammal Institute of Technology, Chennai.

I feel great pleasure to share that our Go-Kart team has won great honors in the competition shield.

S.Dharanidharan has won the Best Driver Award in GO-KART competition held at JCT, Coimbatore.

S.Yuvaraj Sankar has won the Best Driver Award in RC RACING competition held at KCT, Coimbatore.

Team PISTON BREAKERS from the Department of Mechanical Engineering secured 1st position in Tamil Nadu and 4th position in Indian Student Kart design challenge.

Team PISTON BREAKERS are also the Winners of Endurance and Fuel Economy.

Team LIPTON COSMOS won 1st position at Jai Shree ram Engineering College and Angel Engineering College, Tirupur.

Six students from team “PISTON BREAKERS” of Mechanical Engineering acted as Resource persons at Government College of Engineering, Salem under the guidance of Prof.S.P.Sundareswaran explained on the topic: “How to make a GO-KART vehicle?”

BEC NEWS LETTER



S. Cyril
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We are extremely happy that an In-house News Letter titled "The EBETian Voice" was released and is being run successfully by the students of BEC. So far 8 editions of the news letter have been published.

CELLS AND CLUBS:-

The following are the Cells and Clubs which have been effectively functioning at our Campus. Entrepreneur Development cell, Women Development Cell, Career Development Cell, Fine Arts Club, Green Energy Club, NSS, YRC, RRC, Creativity Club, Shelley English Club, Debate Club, Readers Club, Humor Club, Short Film & Photography Club and Staff club to name a few.

FACULTY ACHIEVEMENT:-

In order to ensure better teaching – learning process, faculty members are encouraged to attend Faculty Development Programme on various functional areas. Faculty members of all disciplines are given ample opportunity to participate in FDPs, Workshops, National and International Seminars to explore their technical skills and enhance their teaching methodology.

Mr. Harianandh of Civil department awarded with his doctoral degree during this academic year.

Prof.S.Karthikeyan of Mechanical department has won **GOLD MEDAL** in "LAWS OF THERMODYNAMICS" with 91% in the NPTEL online course conducted by IIT, Kharagpur.

Prof. M.K Vijayaprabhu of Mechanical department has won **ELITE MEDAL** with 87% in the NPTEL course conducted by IIT, Roorkee.

Prof S.Ravi of Mechanical department has won **ELITE MEDAL** with 89% in the NPTEL course conducted by IIT, Kharagpur.

Prof. R.Arun from the Department of Computer Science and Engineering received **State Level Award for Excellence in Social Service** which was awarded by Erode Tamil Sangam Peravai, Erode. He also received **National Level Best Teaching Faculty Award** which was organized by Dr.Kalam Educational Trust, Chennai and also received International level **Innovative Technologist and Dedicative Faculty Award** by Innovative Educationalist and Scientific Research Professional, Chennai.

FACULTY DEVELOPMENT

In order to ensure better teaching – learning process, faculty members are encouraged to attend Faculty Development Programme on various functional areas. Faculty members of all disciplines are given ample opportunity to participate in FDPs, Workshops, National and International Seminars to explore their technical skills and enhance their teaching methodology.

54 Faculty members had been provided with financial support for Rs. 38,550 to attend Conference, Seminars, and workshop organized by other institutions and 18 faculty members had published their articles in reputed journals.

BEC had organized 99 programs exclusively for the development of staff members and 35 Faculty



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members attended Faculty Development Programs during this academic year.

In order to involve the faculty members and students on research, our institute had organized 06 Seminars / Workshops under the head of Entrepreneurship, Research Methodology and Intellectual Property Rights.

CONSULTANCY:-

Department of Civil Engineering obtained consultancy assignments from 82 companies and generated revenue of around Rs. 4,64,185 lakhs during this academic year.

REMOTE CENTRE ACTIVITIES:-

Through Remote Centre, under the project of NMEICT funded by MHRD, Govt. of India and in Collaboration with IIT Bombay & IIT Kharagpur, Our Institution Organized the Workshops and attained 4 STAR Rating from IIT Bombay out of 5.

ASSOCIATION WITH PROFESSIONAL BODIES:-

Engineering Students are educated with recent advancements in Engineering applications in association with Professional Bodies such as IEEE, ICI, IEI, IGBC, IETE, CSI, FIE, FIV, SAE, and ISTE.

Faculty of Management constantly interacts with various professional bodies like Coimbatore Management Association (CMA), Confederation of Indian Industry (CII), Erode and National Institute of Personnel Management (NIPM), Coimbatore Chapter.

DISCIPLINE COMMITTEE:-

The Chairman of the Disciplinary Committee updates the Board regularly about matters relevant to the Disciplinary Committee's role, responsibilities, activities, and matters considered, discussed and resolved at Committee meetings.

FUNCTIONS AND EVENTS:-

- "SPROUT"-an inauguration function for Freshers in Engineering.
- "VIDYUT" -a talent search examination for higher secondary students where high scorers are awarded a cash prize of Rs.1Lakh each.
- "HEAT"-a scholarship examination for Polytechnic students.
- "SAMGRAAMA"- a National level Technical Symposium for UG Students where our students initiated Go-Kart for the 1st time in this zone. Mini Dirt Bike, Drone racing, Salangaiyattam.
- "BUDHIMAAN"-an Inter-Collegiate meet for UG students.
- "LEARNATHON" - ICT Academy has conducted a National level competition for the circuit branch students.
- "NICMAR"-a National level workshop for Civil Engineers.



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BEC invites eminent dignitaries and great personalities from different industries with an intention to inspire our young engineers. Eminent Personalities who have visited our campus in the past year include,

- Dr.NajeebShariff M - CEA Coordinator, IIT Madras.
- Dr.M.KanthaBabu, Director, Center for Intellectual Property Rights (CIPR).
- Dr.R.Sridhar, Dean-FoC Marwari University, Rajkot, Gujarat.
- Dr.T.K.Ganguli,Dean –Executive Education, NICMAR, Pune.
- Shri.H.N.Vijaya Raghava Reddy-President, Builders Association of India.

TRAINING ACTIVITIES:-

Sensing the need to make the students employable, an exclusive Training Division has been incorporated under the leadership of Prof.K.S.Thirunavukkarasu. Training Division takes care of imparting technical know-how and soft skills to the students thereby enabling them to face the selection process with much more confidence.

During this academic year, 295 students were trained from all departments to attend various companies such as Vernalis, Infosys and TCS.

PLACEMENT ACTIVITIES:-

Placement and Training centre in coordination with respective departments are duping triumphant spirits and placed students in various apex companies. 162 Students have been placed in 52 different Companies with the highest salary package being 4.39 lakhs per Annum. Some of our top recruiters include:

- M/s Vuram Technology Solutions
- M/s Dhyan Networks and Technologies
- M/s V.Sathyamoorthy & Co.
- Renaatus Projects Private Limited
- M/s S S Natarajan & Co
- M/s Harita Techserv Limited
- M/s Sakthi Constructions
- M/s Infosys
- M/s. City Union Bank

VALUE ADDED PROGRAMS

- 15 Value added programs had been offered by the institute during this academic year. Out of this 5 in Civil, 2 each in CSE, EEE, ECE & Mechanical Engineering, 1 each in S&H and in MBA

ALUMNI ASSOCIATION:-

I am proud to inform that the past students of our college have been actively involved with college through Alumni Association. We make continuous efforts to set ourselves in a dedicated manner to promote our learners and make them empowered with qualities like honesty, patience,



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punctuality, hard work, decision making and many more. I assure everyone associated with our college that the course of activities in future will be implemented with high sense of dedication and discipline which will bring further glories to the college.

Many milestones have been achieved and many still have to be reached. We at BEC will continue our unceasing efforts to mould the young minds into well balanced personalities with confidence and zeal befitting the standards of this portal of education.

This report is a sincere attempt to showcase our progress in terms of achievements and activities during the year.

On this memorable occasion as we recount our success with pride and happiness, we wish to dedicate all our achievements to the committed effort of a committed team called Builders Engineering College. We humbly salute our visionary leaders of the past and the great ones of the present and seek divine grace and blessings to guide us in all our endeavors.


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