

# 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, Kangeyam, Tirupur - 638 108, Tamil Nadu.

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## ANNUAL DAY REPORT 2019 -2020

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

I take this opportunity to share with you our 11<sup>th</sup> Annual Report for the year 2019 - 20. 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 in order to prepare the students for a successful career.

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

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

**FACULTY OF MANAGEMENT** commenced its first year of operations in 2009 and within eleven 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 habit”

- Ms. K. Kokul Prithi of BE Civil Engineering has secured 4<sup>th</sup> Rank Anna University Examination.
- Ms. B. Mohana Sindu of BE Computer Science and Engineering department has secured 24<sup>th</sup> Rank in the Anna University Examination.
- Ms. P. Soundariya of ME Structural Engineering has secured 21<sup>st</sup> University Rank.



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## MoU Signed:

Our college has been collaborating with industry through Memorandum of Understanding to promote practical training, exchange of expertise, consultancy and placement. This year, we have added a few more MoU's with the following industries:

- M/s Caliber Embedded Technologies India Pvt. Ltd., Salem.
- M/s Caliber Embedded Technology India (P) Ltd., Coimbatore.

## FACULTY ACHIEVEMENT:

In order to ensure better teaching – learning process, faculty members are encouraged to attend Faculty Development Programmes 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.

- Dr.G.Ramasamy, Distinguished Professor of Civil Engineering received “Life Time Achiever Award” from Indian Society for Technical Education. He was also invited to deliver a key note address in a National conference on “Geotechnical Applications” at Jawaharlal Nehru Technological University, Hyderabad.
- Prof. R. Arun of CSE received International Best Young Faculty Award from International American Council for Research Foundation, U.S.A. He was also appointed as Chief Editorial Board Member for 11 Reputed Journals which includes “International of Engineering Research & Modern Education “.
- Dr. G. Suresh, Head- Faculty of Management has guided four Ph.D scholars during this academic year.
- The following faculty members successfully completed their Ph.D in the academic year 2019-20:
  1. Prof. K Sakthivadivel of Mechanical Engineering
  2. Prof. D. Maya of CSE
  3. Prof. C. Karthikeyan of Maths Department
- Prof. N Satheesh Kumar of Mechanical Engineering and Prof. K. RAVIKUMAR of CSE have submitted their PhD thesis.
- Prof. S. Mahendran of ECE has registered for Ph.D in Anna University Chennai on Jan 2020.

Some of our young faculty completed the prestigious NPTEL Courses offered by IIT's and won medals:

1. Prof. D. Nithya of Civil Engineering



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2. Prof A. Thirumalaikumaran of Mechanical Engineering
  3. Prof. S. Radhika of EEE
- The following 3 CSE faculty members are certified as System Administrator by Red hat:
- Prof .S. Gobinath
  - Prof. R. Sivasankar
  - Prof. A. Satheeshkumar

## Faculty Development

In order to ensure better teaching – learning process, faculty members are encouraged to attend Faculty Development Programmes 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.

45 Faculty members had been provided with financial support for Rs. 22, 740 to attend Conference, Seminars, and workshop organized by other institutions and 17 faculty members had published their articles in reputed journals.

BEC had organized 12 programs exclusively for the development of staff members and 47 Faculty members attended Faculty Development Programs during this academic year.

In order to involve the faculty members and students on research, our institute had organized 20 Seminars / Workshops on Research Methodology.

## Student Achievements:

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

- Mr. Deva Raja S P of final year ECE presented with Overall Best Student Award by ISTE Students Chapter 2019
- Mr. R Dharani of Mechanical Engineering, Mr. V Gokul Kumar of Mechanical Engineering and 5 students of II year CSE completed NPTEL courses with Elite+ Silver certification.
- A team comprising of 28 students from various branches of engineering participated in “Bharat Formula Karting” powered by CADD Technologies (BFKCT) at Kari Motors Speed way, Coimbatore. The team won a cash prize of Rs.5,000/- in the category of “Best Engineering Design”.
- Mr. M. Hariharan of third year EEE has participated as a Vice Captain in Bharath Formula Karting (E-kart) at Kari Motors speedway, Coimbatore and won 4th prize for execution and won 1st prize for designing at National Level.



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- Ms. Harshini J and Ms. M. Gavyamathi of Second year of MBA have presented a paper in the International Conference
- Ms. Harshini J of Second year of MBA has won First Prize in the slogan competition conducted by Election Commission of India.

#### CONSULTANCY:

- Department of Civil Engineering has been providing consultancy services on design and testing. The department generated revenue of around Rs. 3,41,100/- during this academic.

#### PROMOTION OF EXTRA CURRICULAR ACTIVITIES:

- The college has functioning clubs on Fine arts and Music, Debate, Short film & Photography, Tamil Mandram, Quiz and Fitness.
- 20 Value added programs had been offered by the institute during this academic year. Out of this 5 in Civil, 4 in CSE, 3 each in EEE, ECE & Mechanical Engineering and 2 Programs in MBA.

#### ASSOCIATION WITH PROFESSIONAL BODIES:

Engineering Students are exposed to recent advancements through Professional Bodies such as ICI, IEI, IGBC, IGS, and ISTE.

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

#### FUNCTIONS AND EVENTS:

The various department of the college organized a number of events where students and faculty members actively participated. These includes

- “Mech Conflict” - Association of Mechanical Department .
- “INNOVATION DAY’19 on 15<sup>th</sup> October, the birth anniversary of former President, Dr. APJ Abdul Kalam.
- One Day Hands on Training on Power Electronics Circuit Design - Department of EEE.
- KRATU - Association of EEE Department.
- Renewable Energy Day –Department of EEE.
- “SPROUT” – Department of S&H.
- “ACE” – Department of Civil Engineering.
- “PARIBHAASHAA” – Department of CSE.



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- “GNAANA” – Department of ECE.
- “BUDHIMAAN” – Department of MBA.
- All India level model NEET/JEE Mock exam was organized at BEC on 12<sup>th</sup> January 2020 in association with T.I.M.E. Erode. More than 800 students from around 30 schools attended the mock test.

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,

- Er.S.Nadanasabapathy, Renault Nissan Technology & Business center India Pvt. Ltd., Chennai
- Mr.Sundaram Ramasamy MD&CEO of Aerospace Engineers Pvt. Ltd., Salem
- Mr. R.A.Armstrong Vice Chancellor, Tractors and farm equipments (TAFE), Chennai
- Mr. Parthiban Manickam, Managing Director, Caliber Embedded Technologies, Erode.
- Mr.M.Boopathi, Electrical Manager, Teemage Builders Pvt. Ltd.,
- Mr. Alisterjude W, Managing Director of Xylem water solutions, Coimbatore.

#### 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 knowledge and soft skills to the students, thereby enabling them to face the selection process with much more confidence.

During this academic year, around 300 students were trained from all departments to attend various companies such as CTS, WIPRO, Infosys and TCS, etc.

#### PLACEMENT ACTIVITIES:

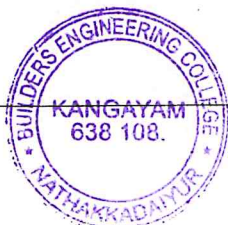
I am very proud to record that our graduates get placed through campus interviews organized by the Placement and Training Cell of the college. 128 students have been placed in different Companies. This amounts to about 70% placement of willing students opting of placement.

Some of our top recruiters include:

- TCS, Chennai
- WIPRO, Chennai
- CTS, Chennai
- INFOSYS, Bengaluru
- Smart DV Technologies
- SBI Life Insurance
- City Union Bank.

In addition, our trustee companies have offered placement to most of our willing students graduating in Civil, Mechanical, and Electrical Engineering.

In the above placement the highest salary package offered is 4.8L/year. Our students are



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encouraged and guided by the Entrepreneur cell of the college to start their own enterprise and a good number of them opt to start their own business.

#### ALUMNI ASSOCIATION:

I am proud to inform that the passed out students of our college have been actively involved with college through Alumni Association.

#### Library:

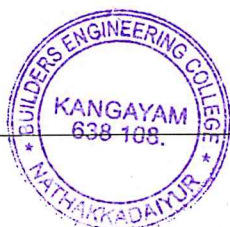
##### “Read to Lead and Lead to Read”

To execute the meaning of the above caption, the Library team has visualized some valuable facility and services to promote the reading habit among the BEC family.

- 29826 Volumes of books on a variety of subjects' are housed in the Library with this 160 for UG & PG of Engineering; MBA 20 books are being added for the ongoing academic year.
- 54 National and International Print periodicals are being subscribed.
- News Clipping, Article Alert, opportunity updates and overnight lending service are being incorporated in addition. As well from side to side we are providing DELNET e-Journal Subscription for Engg. 1152 nos. of periodicals and for MBA 1990 nos. of periodicals through Digital Access.

#### SPORTS:

- Our college Womens Basket ball team won 3<sup>rd</sup> Prize in the Anna University Zone -12 Tournament 2019 held at Kongu Engineering College, Erode
- Mr. D.Praveen Kumar of Final year Civil won 3<sup>rd</sup> Prize in the Junior State Fencing Championship 2019 held at Tirupur and Tirunelveli. He also won 3<sup>rd</sup> Prize in the Senior State Fencing Championship 2019 held at Madurai.
- M.Suresh of First year M.E / CSE won 1<sup>st</sup> Prize in Shotput and 3<sup>rd</sup> Prize in Discus Throw in Anna University Zone -12 Athletics championship 2019 held at BIT, Sathiyamangalam. He was also selected in Divisional Level Cricket Team and won three cricket matches at Tirupur
- Our college Physical Director Mr. K. Pradeep Kamal was selected as committee member for Anna University Zone -12 Kabaddi Tournament



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➤ The Following Sports and games activities were organized in our college during the Academic year 2019-2020.

- Zone Level school Athletics championship 2019.
- Zone Level school Games championship 2019.
- Triathlon Kids Sports festival 2019.
- State level Table Tennis Tournament.

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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