

# 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 2018-2019

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

I take this opportunity to share with you our 10<sup>th</sup> Annual Report for the year 2018-19. 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 MANAGEMENT** commenced its first year of operations in 2009 and within ten 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. D. Saranya and Ms. S. Anandhi of MBA 2016-18 Batch have secured 40<sup>th</sup> and 48<sup>th</sup> Anna University Rank respectively.
- Ms. S. Kaviya of MCA department has secured 42<sup>nd</sup> Rank in the Anna University Examination.
- Ms. S. K. Salini of ME Construction Engineering and Management has secured 16<sup>th</sup> University Rank.
- Ms. M. Seetha of ME Structural Engineering has secured 44<sup>th</sup> University Rank.



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- Ms. K. Jeevanandhini and E. Saranya have secured 41<sup>st</sup> and 46<sup>th</sup> Ranks respectively in BE Civil Engineering.

#### MoU Signed:

Our institution has signed MoU's with the companies for various departments. Some of the companies are

- M/s VS & Co
- M/s GMS, Elegant Builders Pvt, Ltd , Erode
- M/s Sri Pathy Associates, Erode
- M/s S S Natarajan & CO, Erode
- M/s RPP Infra Project Ltd., Erode
- M/s RED HAT

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.

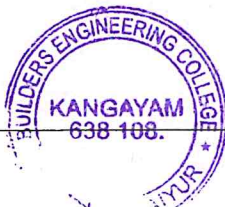
#### Center of Excellence:

- Department of Computer Science & Engineering has signed an MoU with Red Hat Academy to create a Center of Excellence at Builders Engineering College.

#### 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.

- Prof. S. Siva Prakash AP/Chemistry has successfully completed his PhD during August 2018
- Prof. S. Ravi Shankar AP/MBA has successfully completed his PhD during Jan 2019
- Mr. A. Ramesh Kumar, AsP/Mech will be attending PhD Viva on 25.03.2019
- Mr. K. Sakthivadivel is waiting for his viva voce examination & Mr. N. Satheesh Kumar, AP/Mech has submitted their PhD thesis.



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- Dr.G.Suresh, Head- MBA Department has produced three PhD scholars under his guidance during this academic year.
- Ms. S. Saranya, AP/Civil has successfully completed NPTEL online course on Design of Reinforced Concrete Structures.
- Ms.D.Nithya, AP/Civil has won Elite Medal with 83% in the NPTEL online course on Design of Reinforced Concrete Structures conducted by IIT, Kharakpur in association with MHRD.
- Ms. S. Dhivyabharathi, AP/Civil has won Elite Medal with 64% in the NPTEL online course on Reinforced Road Bridges conducted by IIT, Roorkee in association with MHRD.
- Ms. L. M. Dhaakshayeni, AP/English has won Elite Medal with 83% in Developing Soft Skills and Personality and 73 % in Introduction to Literary Theory in the NPTEL online courses conducted by IIT, Kanpur in association with MHRD.
- Mr. S. Ravi, AsP /Mech has won Elite Gold Medal with 90% in the NPTEL Refrigeration and Air Conditioning course conducted by IIT, Roorkee. (October 2018)
- Mr. C. Sivaraj, AP/Mech has won Elite Medal with 75% in the NPTEL Metrology and Measurements course conducted by IIT. (October 2018)
- Mr. T. Anbukumar, AP/Mech has won Elite Medal with 72% in the NPTEL Heat Transfer course conducted by IIT. (October 2018)
- Mr. A. Thirumalaikumaran, AP/Mech has won Elite Medal with 67% in the NPTEL Fundamentals of Manufacturing Processes course conducted by IIT, Roorkee. (October 2018)
- Mr.G.Mahendran HoD/EEE has applied a patent titled "Power Harvesting through Drone and Solar Panel" and published the same in Feb 2019.

### Faculty Development

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50 Faculty members had been provided with financial support for Rs. 42,110 to attend Conference, Seminars, and workshop organized by other institutions and 20 faculty members had published their articles in reputed journals.

BEC had organized 11 programs exclusively for the development of staff members and 75 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 04 Seminars / Workshops under the head of Research Methodology, Entrepreneurship and intellectual property rights.

#### Other Activities:

- BMW India (P) Ltd donated a BMW Twin power 4 Cylinder Diesel Engine Automatic transmission to our Mechanical Engineering department for student's education purpose.
- Ford India (P) Ltd donated Eco Sport Car to the Mechanical Engineering department student's for demonstration purpose.

#### Student Achievements:

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

- Nearly 150 Students from various departments have presented papers in Conferences and Programmes held at various engineering colleges and brought laurels to our institution.
- Ms. R. Vyshalakshmidhivya of Civil Department participated in State Level Yoga competition and secured 3rd Prize.
- Mr. E. T. Gokul Ram of Civil Department Secured 2<sup>nd</sup> Place in YOUNG INDIAN INNOVATOR competition among 350 innovations presented at Salem Build Expo.
- Team Torque Twisters of Mechanical Dept took part in National Super Karting Championship held at Hyderabad and secured overall 3rd place in NSC E-Kart event and secured 1<sup>st</sup> position in Tamil Nadu.
- Team Torque Twisters also participated in Bharat Formula Karting held at Kari Motor Speed ways, Coimbatore and won Best Innovation with a cash prize of Rs. 10,000/- and secured overall Runner-up with a cash prize of Rs.15,000/-.



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- Ms. P. Abinaya and Ms. J. Harshini from first year MBA have published a paper in the Intercontinental Journal of Marketing Research Review
- Four students from first year MBA have participated and won First Prize in the Quiz Competition, organized by Erode District Consumer Protection Centre, Erode

#### BEC NEWS LETTER:

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.

#### CONSULTANCY:

- Department of Civil Engineering obtained consultancy assignments from 63 companies and generated revenue of around Rs. 2, 25, 300 during this academic year.
- MBA Department has conducted 5 MDPs for the employees of RPP Rennatus Private Limited., Erode and generated revenue of Rs.75,000/-

#### CELLS AND CLUBS:

The following are the Cells and Clubs which have been effectively functioning at our Campus: Anti-ragging committee, Grievance redressal committee, Internal complaint committee, Committee for SC/ST, IQAC, NSS, YRC, RRC, Women development cell, staff club to name a few.

#### PROMOTION OF EXTRA CURRICULAR ACTIVITIES:

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

#### ASSOCIATION WITH PROFESSIONAL BODIES:

Engineering Students are educated with recent advancements in Civil engineering applications in association with Professional Bodies such as ICI, IEI, IGBC, IGS, and ISTE.

Faculty of Management constantly interacts with various professional bodies like



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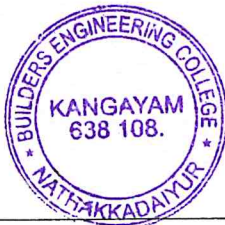
Coimbatore Management Association (CMA - Erode Chapter), Madras Management Association (MMA - Erode Chapter), Confederation of Indian Industry (CII - Erode Chapter), National Institute of Personnel Management (NIPM - Coimbatore Chapter) and Coimbatore Productivity Council (CPC - Coimbatore Chapter).

#### FUNCTIONS AND EVENTS:

- "SPROUT" - an inauguration function for Freshers in Engineering was conducted.
- "ACE" - an inauguration function of Civil Engineering Dept Association was conducted.
- "PARIBHAASHAA" an inauguration function of CSE Dept Association was conducted.
- "GNAANA" an inauguration function of ECE Dept Association was conducted.
- "TECHNO TIFF" an inauguration function of Mechanical Dept Association was conducted.
- "KRATU'18" an inauguration function of EEE Dept Association was conducted
- "BUDHIMAAN" - an Inter-Collegiate meet for UG students of Arts & Science colleges was conducted. Around 400 students from 13 different institutions participated in this meet.
- A JOB FAIR was conducted to provide placement opportunities for students from Polytechnics on 23.01.2019. Around 700 students from 32 Polytechnic Colleges spread over 20 districts availed this facility.
- "HEAT" - a scholarship examination for Polytechnic students was conducted.

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,

- Mr. B. Suresh, Technical Head, Chettinad Cement Corporation Limited for technical talk on "Composite cement"
- Mr. Sanjeev Raj, Head Corporate HR, Lakshmi Ring Travellers, Mrs. Aruna, HR Manager, Payoda Technologies, Mr. Prashanth Ganesh, Senior Developer, Zeta Global for inputs on Nurturing the Graduates on Industry Readiness
- Mr. Ranjith Sen Gupta, CEO of Vectra Techno Soft.
- Mr. Kalirajan Panjalingam, Founder & Senior Software Architect, iGenius Technologies, Malaysia for a lecture on 'Global Startup Programs'



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## 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:

With the support of Training Division and respective departments, the Placement Division has been successful in placing students in various companies. 168 Students have been placed in different Companies. Some of our top recruiters include:

- WIPRO, Chennai
- CTS, Chennai
- City Union Bank
- M/s Perfect Electronics, Chennai
- V. Sathyamoorthi & Co
- Financial Software Services, Chennai
- Schwing Stetter India, Chennai
- Simem Construction & Environmental Engineering, Gujarat
- ITD Cementation, Mumbai
- VVDN Technologies, Chennai
- L&W Constructions, Bengaluru
- SWELECT Solar Systems, Chennai
- DHYAN Networks & Technologies, Chennai
- IVTL Infoview, Chennai
- Team Detailing Solutions, Chennai
- Cease Fire Industries, Hyderabad
- ILM, Bengaluru
- Hirotec India, Coimbatore
- Just Dial, Coimbatore
- P&C Constructions, Erode
- Teemage Precast , Tirupur

## ALUMNI ASSOCIATION:

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



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## Library:

Mr. M. Kumaran, Head Library has presented 2 research articles in the International Conference held at IIM Trichy and 2 in National Conference at Bishop Heber College, Trichy and it has been published with ISBN.

Mr. M.MOHAN & Mr. S.RAJASEKARAN , Assistant. Librarians have presented a research article each, in the International Conference and in National Conference and it has been published with ISBN.

Our College Library department has initiated and achieved the NDLI club at our Institution for Tirupur District and organized a one day National Level Workshop on "Effective Utilization of Learning Resources" on 19.03.2019, in association with National Digital Library of India (NDLI) Project hosted by MHRD, India & IIT Kharagpur, West Bengal.

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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