



MANDATORY DISCLOSURE

AICTE	
AICTE Permanent ID	1-3289861
AICTE File No	Southern/ 1-43659561303/ 2024/EoA - Corrigendum
Period of last approval	2024-25
1.Name of the Institution	
Name of the Institution	BUILDERS ENGINEERING COLLEGE (Formerly Erode Builder Educational Trust’s Group of Institutions)
Address of the Institution	EBET Knowledge Park, Nathakadaiyur, Kangeyam, Tiruppur District – 638 108
City & Pin Code	Kangeyam – 638 108
State /UT	Tamil Nadu
Longitude & Latitude	77.6509743 & 11.0699939
Phone number with STD code	04257-241545 & 241935
Mobile number	+91 9487811008
FAX number with STD code	04257-241885
Office hours at the Institution	8:50 am to 5.00 pm
Academic hours at the Institution	8:50 am to 4:20 pm
E-Mail	principal@builderscollege.edu.in
Website	www.builderscollege.edu.in
Nearest Railway Station (dist in Km)	Erode Railway station (35 km)
Nearest Airport (dist in Km)	Coimbatore Airport (80 km)
Type of Institution	Private-Self Financed
Category (1) of the Institution	Non-Minority
Category (2) of the Institution	Co-Ed



2. Name and Address of the Trust

Name of the Trust running the Institution	Erode Builder Educational Trust
Type of the Organization	Charitable Trust
Address of the Organization	EBET Knowledge Park, Nathakadaiyur, Kangeyam, Tiruppur District
City & Pin Code	Kangeyam – 638 108
State /UT	Tamil Nadu
Registered with	Office of the Registrar, Erode
Phone Number with STD Code	04257-241545 & 241935
Mobile Number	+91 9487811008
E-Mail	info@builderscollege.edu.in
Website of the Organization	www.builderscollege.edu.in

2.1. Name and Address of the Trustee

Name	Mr. N.Ramalingam
Address	Chairman, Erode Builder Educational Trust, EBET Knowledge Park, Nathakadaiyur, Kangeyam, Tiruppur District.
City & Pin Code	Kangeyam -638 108
State /UT	Tamil Nadu
Phone Number with STD Code	04257-241545 & 241935
Mobile Number	+91 9111966666
E-Mail	chairman@builderscollege.edu.in



3. Name and Address of the Principal

Name	Dr. S.Ramkumar
Highest Degree	M.E., Ph.D.,
Address of the Organization	The Principal EBET Knowledge Park, Nathakadaiyur, Kangeyam, Tiruppur District – 638 108
City & Pin Code	Kangeyam -638 108
State /UT	Tamil Nadu
Phone Number with STD Code	04257-241545 & 241935
Mobile Number	+91 9487811008
E-Mail	principal@builderscollege.edu.in

4. Name of affiliating University

Name of affiliating University	Anna University
Address	Sardar Patel Road, Guindy, Chennai – 600025
Website	www.annauniv.edu

5. Governance

5.1. Governing Council Members

S. No.	Name	Present Position	Nomination/Position
1.	Thiru. N.Ramalingam	Chairman, RCCL Pvt. Ltd., Erode	Chairman, EBET Trust
2.	Thiru. C.K.Venkatachalam	Director, CMK Projects, Erode	Secretary, EBET Trust
3.	Thiru. S. Anandavadivel,	Director, V.Sathyamoorthy & Co, Namakkal	Correspondent, EBET Trust
4.	Thiru. C.K.Balasubramaniam	Director, Greenfield Housing India (P) Ltd., Coimbatore	Treasurer, EBET Trust

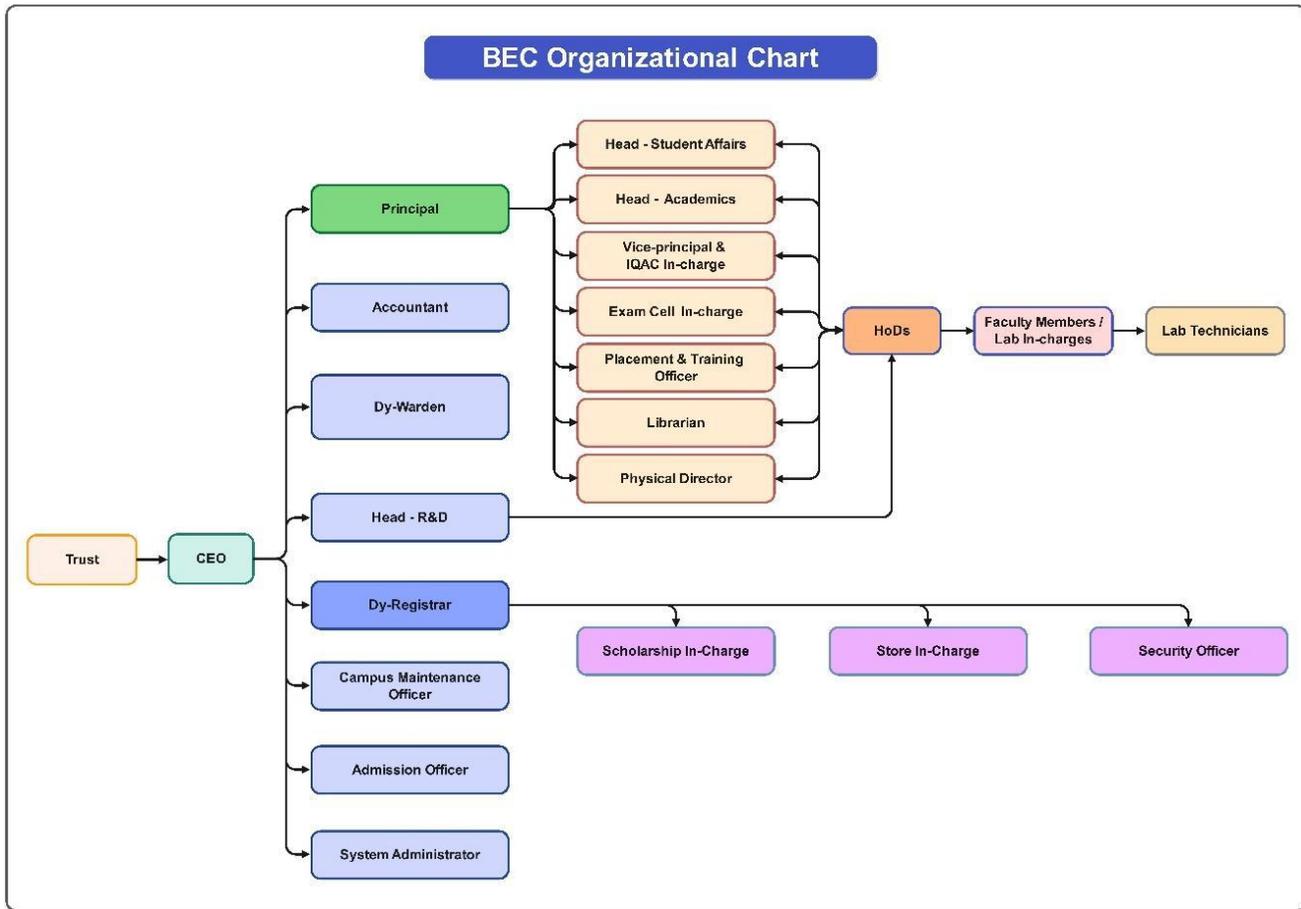


5.2. Academic Advisory Body Members

S. No.	Name	Position in the Current Engagement	Position
1	Dr. RAMKUMAR S	PRINCIPAL	CHAIRMAN
2	Dr. MAHENDRA GOWDA R V	CHIEF EXECUTIVE OFFICER	MEMBER
3	THIRU. N.R.CHANDRAKANTH	DIRECTOR, RCCL PVT. LTD., ERODE	MEMBER
4	THIRU. RAMESH RAMALINGAM	GM, POWER & UTILITIES, JSW STEEL LTD., SALEM	MEMBER
5	THIRU. C.DEVARAJAN	DIRECTOR, URC CONSTRUCTION PVT LTD, ERODE.	MEMBER
6	THIRU. P.SRIRAM	CHAIRMAN, CHENNAI INSTITUTE OF TECHNOLOGY	MEMBER
7	THIRU. M.CHINNASAMI	CHAIRMAN, AGNI STEELS PVT LTD., PERUNDURAI.	MEMBER
8	THIRU. R.JEGADESAN	CEO, CMK PROJECTS, ERODE	MEMBER
9	THIRU. C.SWAMINATHAN	FORMER VICE-CHANCELLOR OF BHARATHIAR UNIVERSITY	MEMBER
10	THIRU. K.R.VALLUVAN	COE, VELALAR COLLEGE, ERODE	MEMBER
11	THIRU. R.MURUGESAN	PRINCIPAL, IRTT COLLEGE, ERODE	MEMBER
12	THIRU. G.THIRUGANAM	FORMER PRINCIPAL, IRTT COLLEGE, ERODE.	MEMBER
13	THIRU. KANAGASABAPATHI	FORMER PROFESSOR, IRTT COLLEGE, ERODE	MEMBER
14	THIRU. G.RAMASARNY	FORMER PROFESSOR, IIT ROORKEE & DIST. PROFESSOR, BEC, KANGAYAM	MEMBER
15	THIRU. VENKATESWARALU	DIRECTOR TECHNICAL, TRINEVA INFRA PROJECTS PVT. LTD	MEMBER

Frequency of Board Meeting	Yearly
Academic Advisory Board	Yes
Frequency of meetings	Twice per year

5.3. BEC ORGANIZATIONAL CHART



5.4. Student feedback mechanism on Institutional Governance/faculty performance.

- The instructor clearly explains the concepts
- The instructor encourages me to raise questions
- The instructor helps me in doing the experiments through a set of instructions / demonstrations
- The instructor is available in the laboratory for the entire duration of the laboratory class
- The instructor is available on an individual basis outside the class on request
- Adequate equipment is available in working condition in the laboratory



5.5. Grievance Redressal Mechanism for faculty, staff and students.

- System for Redressal of grievances of faculty, staff and students
- The management of the college follows an open system of administration and grievances from staff and students are given the utmost attention.
- Complaints and suggestion boxes are kept at a number of places in the campus and also in the hostels.
- The suggestions and complaints are carefully looked into and remedial measures undertaken. Responses are also publicized through notice boards.
- In case of indiscipline, a committee appointed by the principal enquires into the matter by calling witnesses and recommendations are made about the action to be taken by the management.
- Grievances regarding the staff in terms of salary, promotions etc., are carefully looked into by the HR department in consultation with the Principal and remedial measures taken.
- Class Committee meetings are held in which grievances of students are taken note of and remedial measures taken.
- A student welfare officer looks into the welfare of the students and advises the management for necessary action.

5.6 Student Feedback on Institutional Governance/ Faculty performance

- The students are accommodated 60 in a class and one faculty is appointed as a counselor / faculty advisor. To look into their grievances, family problems, and personal problems and so on. Each class has a class committee comprising of the faculty members and the students' representatives. The class committee meets and discusses the academic-related issues at the end of every month.
- The performance of the faculty is regularly assessed through students' feedback and self-appraisal. Necessary corrective measures will be taken to improve the teaching – learning process. The faculty members will encourage, counsel the students after class hours by internal meetings, discussions and provide guidance to the students to improve their academic performance.
- A grievance redressal mechanism for staff and students is established in the Institution as per statutory norms.



5.7. Establishment of Anti-Ragging Committee.

Name	Position	Category	Designation	Mobile Number	E-Mail ID
Dr. S.Ramkumar	Chairman	Principal	BEC	9487811008	principal@builderscollege.edu.in
Mr. P.Kamaraj	Member	Inspector of Police	Police	9498101335	policekgm@yahoo.com
Mr. S.Mailsamy	Member	Tasildar	Taluk Office	9445000566	tahkgm.tntpr@gmail.com
Ms. C.Parvathi	Member	CEO, AVEON Infotech	Official of NGO	8754006479	ceo@aveoninfotech.com
Mr. S.Senthil Kumar	Member	Electrical Contractor	Representatives of Parents	7402474074	Abinayask2004@gmail.com
Mr. K.Thosith Sivabalan	Member	Student	BEC	8124621767	thosithsivabalankarthikeyan@gmail.com
Ms. S.Abinaya	Member	Student	BEC	97518 11647	abinayassk2004@gmail.com
Mr. S.Viswanathan	Member	Deputy Registrar	BEC	9487811044	registrar@builderscollege.edu.in

5.8. Establishment of Anti-Ragging Squad

Name	Position	Designation	Mobile Number	E-Mail ID
Dr. Ramkumar S	Chairman	Principal	9487811008	principal@builderscollege.edu.in
Dr. Sampath Kumar L	Member	HoD	9842382340	ls.phy@builderscollege.edu.in
Dr. Prabu Ragavendiran SD	Member	HoD	9865810981	hod.cse@builderscollege.edu.in
Dr. Sakthivel P	Member	Faculty	9842401402	ps.che@builderscollege.edu.in
Dr. Nammalvar P	Member	Faculty	9865320077	pn.eee@builderscollege.edu.in
Dr. Hema Malini S	Member	Faculty	9865371074	sh.eng@builderscollege.edu.in
Savitha S	Member	Faculty	9942088000	ss.maths@builderscollege.edu.in
Mr. Viswanathan S	Member	Non-Teaching	9487811044	registrar@builderscollege.edu.in



5.9. Complaints cum Redressal Committee

S.No	Name	Category	Present Designation	Mobile Number	E-Mail ID
1	Dr. Hema Malini S	Chairperson	Associate Professor	9865371074	sh.eng@builderscollege.edu.in
2	Dr. Sumathi. K	Member	Associate Professor	9486233999	ks.cse@buiderscollege.edu.in
3	Radhika S	Member	Assistant Professor	9600685857	sr.eee@builderscollege.edu.in
4	Dr. Prabu Ragavendiran SD	Member	Professor	9865810981	sdp.cse@builderscollege.edu.in
5	Parvathi C	Member	Others-Chief Executive Officer	8754006479	ceo@aveoninfotech.com

5.10. INTERNAL COMPLAINTS COMMITTEE

The Internal Complaints Committee (ICC) has been constituted in our college for the sexual harassment of women at the workplace (Prevention, Prohibition and Redressal) and it's headed by a senior female faculty of the Institute. ICC meets on a need basis to address any complaints from students, teaching and nonteaching members and takes necessary action. Our college has a zero tolerance policy towards any such transgression. Our college is committed to providing a safe and conducive work and academic environment to students and its employees and is extremely alert to matters pertaining to any kind of harassment and gender sensitivity. Posters are displayed at strategic places within the campus to communicate the philosophy of institute in such matters.



BUILDERS ENGINEERING COLLEGE

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ISO Certified Institution | Recognized 2(f) Status by UGC
CIVIL, CSE, ECE, EEE & MECH - Accredited by NBA
ESET Knowledge Park, Hothakodiyur, Kongayam,
Tirupur - 638 108, Tamil Nadu, India.

AUTONOMOUS



5.11. INTERNAL COMPLAINTS COMMITTEE

S.No	Name Of The Committee Member	Profession	Designation	Mobile Number	E-Mail ID
1	Dr.K.Sumathi	Presiding Officer	AsP/CSE	9486233999	ks.cse@builderscollege.edu.in
2	Ms.S.Nithyadevi	ICC Member	AP(Sl.Gr)/Maths	9578522993	sn.maths@builderscollege.edu.in
3	Mr.V.Karthi	ICC Member	AP(Sr.Gr)/EEE	9942939665	vk.eee@builderscollege.edu.in
4	Ms.R.Saranya	ICC Member	AP/EEE	8220786566	rs.eee@builderscollege.edu.in
5	Ms.G.Vinodhini	ICC Member	DEO/S&H	9750049495	deo.sah@builderscollege.edu.in
6	Ms.R.Parvathi	ICC Member	Lab Asst./CHEM	8675728051	rp.che@builderscollege.edu.in
7	Ms.K.Logumani	Legal Advisor	Advocate Tiruppur Bar Council of India Enrolment Number: MS/3416/2014	0421 – 2477276	lossstup@gmail.com
8	Ms.S.Abirami	Student Representative	IV-EEE	9342616901	abirami2004@gmail.com
9	Mr.N.Sarathi	Student Representative	IV-EEE	8270709985	sarathi07n@gmail.com
10	Ms.A.S.E. Vyshnavee	Student Representative	IV-CSE	6383859543	vyshnavee69@gmail.com
11	Mr.A.Divakar	Student Representative	IV-CSE	9342739379	divasivavishnu2003@gmail.com
12	Ms.N.Sarmathi	Student Representative	IV-ECE	6369720356	sarmathin2004@gmail.com
13	Ms.S.Nithisri	Student Representative	IV -AIDS	9361046267	nitisris0206@gmail.com
14	Ms.M.Nandhini	Student Representative	IV-MECH	9361997662	nandhinimaliyappan152@gmail.com
15	Ms.R.Kaviyaa	Student Representative	III-CIVIL	9025848478	royalthoenix1710@gmail.com
16	Ms.M.Anushya	Student Representative	II-MBA	9444885488	anushyashri1996@gmail.com



The SC/ST Standing Committee ensures the effective implantation of the policies and programmes of the Government of India, UGC and State Governments with regard to backward castes, classes and physically challenged. It also suggests measures for achieving the objectives laid down by the various government agencies. The Committee meets at least two times in a year and the decisions arrived at are mandatory to be implemented.

5.12. SC / ST Committee Members Details				
Name of the Committee Member	Profession	Mobile Number	E-Mail ID	Gender
Mr. S.Viswanathan	Deputy Registrar	94878 11044	registrar@builderscollege.edu.in	Male
S.Radhika	AP - EEE	96006 85857	sr.eee@builderscollege.edu.in	Female
Mr. K.S.Thambusamy	LT – ECE	99425 32590	kst.ece@builderscollege.edu.in	Male
L.Reena	AP - CIVIL	98942 25031	lr.civil@builderscollege.edu.in	Female
Mr. R.Sivakumar	AP – MBA	99763 13135	pn.civil@builderscollege.edu.in	Male
Dr. C.Vimalraj	ASP - EEE	97897 22017	cv.eee@builderscollege.edu.in	Male
Ms. R.Sathya	Lab Assistant	96297 85119	rs.eee@builderscollege.edu.in	Female



6. PROGRAMMES

[APPROVED BY AICTE, DELHI & AFFILIATED TO ANNA UNIVERSITY, CHENNAI]

S.No	Level	Department	Course Duration	Year of Introduction	Accreditation	Sanctioned Intake [2024-25]
1	B.E	CIVIL ENGINEERING	4 Years	2009	Accredited	60
2	B.E	COMPUTER SCIENCE AND ENGINEERING	4 Years	2009	Accredited	60
3	B.E	ELECTRONICS AND COMMUNICATION ENGINEERING	4 Years	2009	Accredited	60
4	B.E	ELECTRICAL AND ELECTRONICS ENGINEERING	4 Years	2010	Accredited	60
5	B.E	MECHANICAL ENGINEERING	4 Years	2009	Accredited	60
6	B.TECH	ARTIFICIAL INTELLIGENCE AND DATA SCIENCE	4 Years	2021	NA	60
7	B.E	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	4 Years	2024	NA	60
8	MBA	MASTER OF BUSINESS ADMINISTRATION	2 Years	2009	NA	60
9	M.E	STRUCTURAL ENGINEERING	2 Years	2014	NA	18
10	M.E	CONSTRUCTION ENGINEERING AND MANAGEMENT	2 Years	2012	NA	18
11	M.E	COMPUTER SCIENCE AND ENGINEERING	2 Years	2012	NA	18



7. DEPARTMENT WISE FACULTY MEMBERS 2025-26

S. No.	NAME	DESIGNATION
B.E. CIVIL ENGINEERING		
1	Dr. GOPALAKRISHNAN S	Professor
2	Dr. VISWANATHAN K E	Associate Professor
3	Dr. ESWARAMOORTHY P	Associate Professor
4	Mr. VIGNESHKUMAR DEVARAJ	Assistant Professor
5	Mr. ASHOK R	Assistant Professor
6	Ms. NANDHINIRAJ B	Assistant Professor
7	Ms. REENA L	Assistant Professor
8	Mr. NALLASAMY P	Assistant Professor
9	Mr. UTCHIMUTHU N	Assistant Professor
10	Mr. GOWRISHANKAR V	Assistant Professor

S. No.	NAME	DESIGNATION
M.E. CIVIL ENGINEERING [CONSTRUCTION ENGINEERING AND MANAGEMENT]		
1	Dr. SRIVIDHYA S	Associate Professor
2	Mr. SATHEESH KUMAR S	Assistant Professor
3	Mr. ARVIND K R	Assistant Professor

S. No.	NAME	DESIGNATION
M.E. CIVIL ENGINEERING [STRUCTURAL ENGINEERING]		
1	Dr. THIRUGNANAM G S	Professor
2	Mr. SENTHILKUMAR D	Assistant Professor
3	Mr. LOGANATHAN D	Assistant Professor



S. No.	NAME	DESIGNATION
B.E. COMPUTER SCIENCE AND ENGINEERING		
1	Dr. PRABU RAGAVENDIRAN S D	Professor
2	Dr. SUMATHI K	Associate Professor
3	Dr. MAYA D	Associate Professor
4	Ms. NANTHINI PALANISAMY	Assistant Professor
5	Mr. RAMESH SUBIRAMANI	Assistant Professor
6	Mr. SIVASANKAR R	Assistant Professor
7	Ms. SANTHIYA P	Assistant Professor
8	Mr. GOBINATH S	Assistant Professor
9	Ms. KALAIABIRAMI D	Assistant Professor
10	Ms. PRIYANGA K	Assistant Professor

S. No.	NAME	DESIGNATION
B.E. COMPUTER SCIENCE AND ENGINEERING [ARTIFICIAL INTELLIGENCE AND DATA SCIENCE]		
1	Dr. VISHNU RAJA P	Professor
2	Dr. SELVI S	Associate Professor
3	Mr. PALANI NEHRU C	Assistant Professor
4	Ms. NIVETHINI M	Assistant Professor
5	Mr. RAJARAM V	Assistant Professor
6	Ms. BRINDHA PALANISAMY	Assistant Professor
7	Ms. RAAJI M	Assistant Professor
8	Ms. KIRTHIGA R	Assistant Professor
9	Ms. RAMYA M	Assistant Professor

S. No.	NAME	DESIGNATION
B.E. COMPUTER SCIENCE AND ENGINEERING [ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING]		
1	Mr. RAJAMUNESWARAN G	Assistant Professor
2	Ms. N REVATHI	Assistant Professor
3	Mr. DHAKSHINA MURTHY R	Assistant Professor



S. No.	NAME	DESIGNATION
M.E. COMPUTER SCIENCE AND ENGINEERING		
1	Dr. THANGARAJ P	Professor
2	Dr. SATHISHKUMAR S	Assistant Professor
3	Ms. RANJANA DEVI S	Assistant Professor

S. No.	NAME	DESIGNATION
B.E. ELECTRICAL AND ELECTRONICS ENGINEERING		
1	Dr. RAMKUMAR S	Principal
2	Dr. SRINIVASAN M	Professor
3	Dr. NAMMALVAR P	Associate Professor
4	Dr. VIMALRAJ C	Associate Professor
5	Mr. KARTHI V	Assistant Professor
6	Ms. YUVARANI M	Assistant Professor
7	Ms. SARANYA R	Assistant Professor
8	Mr. ANANDHKUMAR V	Assistant Professor
9	Ms. RADHIKA S	Assistant Professor
10	Ms. VINITHA T	Assistant Professor
11	Ms. CYNTHIA G	Assistant Professor

S. No.	NAME	DESIGNATION
B.E. ELECTRONICS AND COMMUNICATION ENGINEERING		
1	Dr. R UMADEVI	Professor
2	Dr. PRAVEENKUMAR R	Associate Professor
3	Dr. ARULANANTHAM DHANDAPANI	Associate Professor
4	Ms. MANIMALA V	Associate Professor
5	Mr. VIJAYAKUMAR S D	Associate Professor
6	Ms. JANANI M	Assistant Professor
7	Mr. RAJASEKARAN U	Assistant Professor
8	Mr. SHANMUGHAM M	Assistant Professor
9	Mr. VELMURUGAN T	Assistant Professor
10	Ms. VIJAYAKUMARI GANESAN	Assistant Professor
11	Mr. KUMAR VELUSAMY	Assistant Professor



S. No.	NAME	DESIGNATION
B.E. MECHANICAL ENGINEERING		
1	Dr. SENTHIL KUMAR M S	Professor
2	Dr. SOMASUNDARAM P	Professor
3	Dr. SAJI RAVEENDRAN P	Associate Professor
4	Dr. PRABHU LOGANATHAN	Associate Professor
5	Dr. PREM KUMAR M	Assistant Professor
6	Mr. SATHEESHKUMAR P	Assistant Professor
7	Mr. RAJA N	Assistant Professor
8	Mr. SURESH M	Assistant Professor
9	Mr. SUNDARESWARAN S P	Assistant Professor
10	Mr. THIRUMALAIKUMARAN A	Assistant Professor
11	Mr. SIVARAJ C	Assistant Professor
12	Dr. SURESH KANNAN V	Assistant Professor

S. No.	NAME	DESIGNATION
MASTER OF BUSINESS ADMINISTRATION		
1	Dr. PARAMASIVAM V	Professor
2	Dr. RAVI SHANKAR S	Associate Professor
3	Dr. SHANTHINI B	Associate Professor
4	Mr. SIVA KUMAR R	Assistant Professor
5	Mr. SIVAKUMAR K	Assistant Professor
6	Ms. DEEPIKA P	Assistant Professor
7	Ms. AMUDHA S	Assistant Professor

S. No.	NAME	DESIGNATION
SCIENCE AND HUMANITIES _ PHYSICS		
1	Dr. SAMPATH KUMAR LOGANATHAN	Professor
2	Dr. PRAKASH THANGARAJ	Associate Professor
3	Dr. PREMALATHA K	Assistant Professor
4	Dr. SHYAM VINOD KUMAR P	Assistant Professor
5	Ms. KIRITHIKA DEVI S	Assistant Professor
6	Ms. SUDHA T	Assistant Professor



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Tirupur - 638 108, Tamil Nadu, India.

AUTONOMOUS



S. No.	NAME	DESIGNATION
SCIENCE AND HUMANITIES _ CHEMISTRY		
1	Dr. SAKTHIVEL P	Associate Professor
2	Mr. KRISHNAMOORTHY CHINNASAMY	Assistant Professor
3	Dr. RAMACHANDRAN KALIAPPAN	Assistant Professor

S. No.	NAME	DESIGNATION
SCIENCE AND HUMANITIES _ MATHEMATICS		
1	Dr. DEVI T	Associate Professor
2	Ms. SAVITHA S	Assistant Professor
3	Mr. NITHYADEVI S	Assistant Professor
4	Dr. KRISHNAVENI S	Assistant Professor
5	Ms. SELVANAYAGI M	Assistant Professor

S. No.	NAME	DESIGNATION
SCIENCE AND HUMANITIES _ ENGLISH		
1	Dr. HEMA MALINI S	Associate Professor
2	Dr. SOWMIYA LATHA R	Assistant Professor
3	Ms. INDHU J	Assistant Professor
4	Ms. JEYAVANI S	Assistant Professor

S. No.	NAME	DESIGNATION
SCIENCE AND HUMANITIES _ GENERAL ENGINEERING		
1	Dr. MAHEMDRA GOWDA R V	Professor
2	Dr. RAMESHKUMAR RAMASAMY	Professor
3	Mr. MADHAN A	Assistant Professor
4	Ms. KAYALVIZHI V S	Assistant Professor
5	Ms. VIDHYA S	Assistant Professor
6	Mr. SATHISH R	Assistant Professor
7	Mr. PRAKASH M	Assistant Professor
8	Ms. JAYABRATHA S	Assistant Professor
9	Mr. MURUGANANDHAN PALANISAMY	Assistant Professor



8. FACULTY CONSOLIDATE REPORT

S.NO	DEPT.	PROF	ASP	AP	TTL
1	CIVIL	1	2	7	10
2	CSE	1	2	7	10
3	EEE	2	2	7	11
4	ECE	1	4	6	11
5	MECH	2	2	8	12
6	B.TECH - AI&DS	1	1	7	9
7	B.E. AI&ML	0	0	3	3
8	MBA	1	2	4	7
9	ME STR	1	0	2	3
10	ME CEM	0	1	2	3
11	ME CSE	1	0	2	3
TTL		11	16	55	82
S & H					
1	MATHS	0	1	4	5
2	PHYSICS	1	1	4	6
3	CHEMISTRY	0	1	2	3
4	ENGLISH	0	1	2	4
5	GENERAL ENGINEERING	1	0	7	9
TTL		3	4	20	27

GRAND TOTAL	109
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SFR

B.E., B.Tech., S & H and MBA: Ratio = 1:20	1560	78
PG : 36+36+36 Ratio = 1:15	108	9
Total Faculty Required		87
Available Faculty		109



9. ENGINEERING FEE STRUCTURE

S.No	Department	Govt. Quota	Management Quota
UG			
1	B.E. CIVIL ENGINEERING	35,000.00	40,000.00
2	B.E. COMPUTER SCIENCE AND ENGINEERING	90,000.00	1,25,000.00
3	B.E. ELECTRONICS AND COMMUNICATION ENGINEERING	80,000.00	1,00,000.00
4	B.E. ELECTRICAL AND ELECTRONICS ENGINEERING	45,000.00	50,000.00
5	B.E. MECHANICAL ENGINEERING	35,000.00	40,000.00
6	B.TECH. CSE (ARTIFICIAL INTELLIGENCE & DATA SCIENCE)	90,000.00	1,25,000.00
7	B.E. CSE (ARTIFICIAL INTELLIGENCE & MACHINE LEARNING)	90,000.00	1,25,000.00
PG			
8	MASTER OF BUSINESS ADMINISTRATION	70,000.00	80,000.00
9	M.E. CONSTRUCTION ENGINEERING AND MANAGEMENT	50,000.00	50,000.00
10	M.E. STRUCTURAL ENGINEERING	50,000.00	50,000.00
11	M.E. COMPUTER SCIENCE AND ENGINEERING	50,000.00	50,000.00

ONE TIME FEE

- **ADMISSION FEE Rs. 10,000/-**
- **PLACEMENT FEE Rs. 15,000/-**



10. ADMISSION DETAILS FOR THE YEAR 2024-25

I,II,III YEAR & IV YEAR STUDENTS STRENGTH

COURSES	I YEAR		I YEAR TOTAL	II YEAR		II YEAR TOTAL	III YEAR		III YEAR TOTAL	IV YEAR		IV YEAR TOTAL	TOTAL	
	M	F		M	F		M	F		M	F		M	F
BE CIVIL	39	22	61	35	26	61	31	15	46	32	19	51	137	82
BE MECH	59	1	60	57	5	62	40	4	44	51	7	58	207	17
BE ECE	34	29	63	37	26	63	36	27	63	31	35	66	138	117
BE CSE	29	34	63	32	30	62	25	38	63	33	29	62	119	131
BE EEE	33	29	62	30	31	61	35	23	58	40	23	63	138	106
B.Tech AI&DS	37	23	60	35	28	63	14	15	29	11	20	31	97	86
B.Tech AI&ML	37	23	60	0	0	0	0	0	0	0	0	0	37	23
BE TOTAL	268	161	429	226	146	372	181	122	303	198	133	331	873	562
MBA	34	29	63	31	28	59	-	-	-	-	-	-	65	57
ME CEM	5	0	5	0	0	0	-	-	-	-	-	-	5	0
ME STR	2	3	5	0	0	0	-	-	-	-	-	-	2	3
ME CSE	1	3	4	1	5	6	-	-	-	-	-	-	2	8
PG TOTAL	42	35	77	32	33	65	-	-	-	-	-	-	74	68
OVER ALL TOTAL	310	196	506	258	179	437	181	122	303	198	133	331	947	630

Number of seats sanctioned with the year of approval	Under Graduate	60 Intake of 7 Programmes
	Post Graduate	18 Intake of 3 Programmes
	Management Studies	60 Intake of 1 Programme



BUILDERS ENGINEERING COLLEGE

Approved by AICTE, New Delhi | Affiliated to Anna University, Chennai
ISO Certified Institution | Recognized 2(f) Status by UGC
CIVIL, CSE, ECE, EEE & MECH - Accredited by NBA
EBET Knowledge Park, Nellore Road, Kangeyam,
Tirupur - 638 108, Tamil Nadu, India.

AUTONOMOUS



11. Admission Procedure

Government Quota	As per Anna University Norms Anna University, Sardhar Patel Road, Guindy, Chennai – 25. https://www.annauniv.edu/
Management Quota	As per Association of Management of Coimbatore Anna University Affiliated Colleges Site No:18, SF No.586,1st Part, SS Avenue, Avinashi Road, Coimbatore 641 014. https://www.coimbatoreassociation.com/index.html

12. Criteria and Weightages for Admission

Government Quota	As per Anna University Norms
Management Quota	As per Association of Management of Coimbatore Anna University Affiliated Colleges

13. List of Applicants

Government Quota	Details available with Anna University
Management Quota	Details Available with Association of Management of Coimbatore Anna University Affiliated Colleges

14. Result of Admission under Management seats/Vacant seats

Management Quota	Details Available with Association of Management of Anna University Affiliated Colleges
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15. HOSTEL STUDENTS STRENGTH FOR THE AY 2024-25

S.NO	DEGREE	YEAR	NO. OF BOYS	NO. OF GIRLS	TOTAL
1	UG	I	157	77	234
2		II	110	65	175
3		III	85	55	140
4		IV	96	72	168
5	PG	I	3	5	8
6		II	3	2	5
TOTAL STRENGTH			454	276	730



16. BARRIER FREE BUILT ENVIRONMENT FOR DISABLED PERSONS



Ramp Facility for Elderly and Disabled Persons



Lift Facility for Elderly and Disabled Persons



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Tirupur - 638 108, Tamil Nadu, India.

AUTONOMOUS



Wheel Chair for Elderly and Disabled Persons



17. LIBRARY DETAILS

NUMBER OF LIBRARY BOOKS/TITLES/VOLUME AVAILABLE

S.NO	DEPARTMENT	TITLE	VOLUME
UG - BOOKS			
1	B.E. CIVIL ENGINEERING	1420	4263
2	B.E. COMPUTER SCIENCE AND ENGINEERING	1568	4055
3	B.E. ELECTRONICS AND COMMUNICATION ENGINEERING	1778	4917
4	B.E. ELECTRICAL AND ELECTRONICS ENGINEERING	1037	2652
5	B.E. MECHANICAL ENGINEERING	1679	4378
6	B.TECH. CSE (ARTIFICIAL INTELLIGENCE & DATA SCIENCE)	187	528
7	B.E. CSE (ARTIFICIAL INTELLIGENCE & MACHINE LEARNING)	13	25
8	SCIENCE AND HUMANITIES	1309	3121
TOTAL		8991	23939
PG - BOOKS			
9	MASTER OF BUSINESS ADMINISTRATION	1768	4699
10	M.E. CONSTRUCTION ENGINEERING AND MANAGEMENT	344	887
11	M.E. STRUCTURAL ENGINEERING	305	706
12	M.E. COMPUTER SCIENCE AND ENGINEERING	313	862
TOTAL		2730	7154
GRAND TOTAL		11721	31093

Sl.No	Name of the Course	No. of Journals	
		National	International
1	B.E. CIVIL ENGINEERING	6	6
2	B.E. COMPUTER SCIENCE AND ENGINEERING	6	6
3	B.E. ELECTRONICS AND COMMUNICATION ENGINEERING	6	6
4	B.E. ELECTRICAL AND ELECTRONICS ENGINEERING	6	6
5	B.E. MECHANICAL ENGINEERING	6	6
6	B.TECH. CSE (ARTIFICIAL INTELLIGENCE & DATA SCIENCE)	6	6
7	B.E. CSE (ARTIFICIAL INTELLIGENCE & MACHINE LEARNING)	6	6
8	MASTER OF BUSINESS ADMINISTRATION	6	6
9	M.E. CONSTRUCTION ENGINEERING AND MANAGEMENT	6	6
10	M.E. STRUCTURAL ENGINEERING	6	6
11	M.E. COMPUTER SCIENCE AND ENGINEERING	6	6



17.1. ONLINE JOURNALS SUBSCRIBED

S.NO	Name of the e-Journal Publisher	Total No. of Journals	Name of the Relevant courses with no. of Journals in the Bracket.
1	DELNET	938	CIVIL -159, CSE – 160, ECE – 41, EEE – 51, MECH – 162, MBA – 240, S & H – 46, M.E. CEM - 79
2	K-HUB	10352	CIVIL -1967, CSE – 441, ECE – 1111, EEE – 681, MECH – 614, S & H – 484,

No. of e-journal and e-book and other sources for K-hub

The screenshot displays the Knowledge Hub interface. On the left, there are navigation options for 'Engineering' and 'The Library & Information Sciences'. The main dashboard area is titled 'ENGINEERING' and features a search bar. Below the search bar, there are two rows of resource cards. The first row includes: ALL (16718), e-Journals (10352), e-Books (5067), e-Newspaper (2), Case Reports (821), and e-Magazines (157). The second row includes: Conference Proceedings (113), e-Newsletter (2), videos (194), others (10), and special Collections (78). A 'Subscribe more subjects' button is located at the bottom left of the dashboard area.

E-

Library Facilities

Number of Computer with Internet Facilities	18 Nos
CD's	2488
NPTEL Video Contents	Yes



18. COMPUTING FACILITIES	
Internet Bandwidth	600 Mbps
Number and Configuration of System	1000 Nos 1. Intel Core i9-14900K Processor, 64 GB RAM / NVIDIA 6GB / 1 TB SSD, Windows 11 Pro 2. Intel Core i5-9500 Processor, 8GB RAM / 512 GB SSD, Windows 10 3. Intel Core i5-12500 Processor, 8 GB RAM / 512 GB SSD, Windows 10 4. Intel Core i3 Processor, 8GB RAM / 256 GB SSD, Windows 10
Total number of System Connected by LAN/WAN	1000 Nos
Major Software Packages / Special Purpose Facilities available	
System software	1. Microsoft Windows 11 Pro 2. Visual Studio Pro MSDN ALng LSA OLV E 1Y Acad AP 3. Win Server Standard Core ALng LSA OLV 2L E 1Y Acad AP 4. SQL Server Standard ALng LSA OLV E 1Y Acad AP 5. SQLCAL ALng LSA OLV E 1Y Acad Ent Device CAL 6. Windows 7 Professional 7. Windows 8 Professional 8. Ubuntu 20.04.6 LTS
Application Software	1. M365 Apps Enterprise Open Faculty 2. M365 Apps Enterprise Open Student 3. Autoplotter Ver 9 Professional Edition 4. Staad Pro & Staad Foundation v 8I + Updatons 5. Primavera P6 Enterprise Project Portfolio Management 6. Primavera Contractor 6.X Standalone 7. Primavera Contract Management 8. Primavera Pert Master – Risk Analysis 9. ANSYS Academic Teaching Introductory 10. LAB View 11. EDGE CAM Software 12. Automation Studio 5.0 13. SIM Mechanics / SCAPE / Hydraulics 14. SPICE Simulation Software – Multisim Education V10 15. XLINK Software 16. MI Power 17. Mathworks Teaching School Suite 18. Math Lab Thingspeak 19. Linguaphone L21 with Eyespeak & L21 ENG Multimedia 20. Codeblocks-20.03 with GCC Clang and Visual C++ 21. JAVA JDK 21 22. Python 3.12.2 23. Apache NetBeans 20 24. Autodesk All Products and Services (Education) 25. Oracle 23c 26. Anaconda3-2024.02-1 27. Microsoft Teams 28. Office365 A1-Student



19. LIST OF SPORTS FACILITIES AVAILABLE

GAMES AND SPORTS FACILITIES

S.No	Description	Details
1	Total area of the playground (sq.m)	42900 sq.m
2	Details of the outdoor Games available	1. BALL BADMINTON 2. SHUTTLE BADMINTON 3. HAND BALL 4. TENNIS 5. KABADDI 6. THROW BALL 7. KHO KHO 8. VOLLEY BALL 9. ATHELETICS 10. CRICKET 11. FOOTBALL 12. TENNIKOIT
3	Details of the Indoor Games available	1. CHESS 2. KABADDI MAT 3. TABLE TENNIS 4. CARROM
4	Details of gymnasium available	1. COMMERCIAL ABDOMINAL FIT 2. MULTI BENCH PRESS 3. DUMBBELLS 4. DOUBLE TWISTER 5. ABDOMAN BELT 6. SQUAT STAND 7. T BAR 8. STEEL ROD 9. WEIGHT PLATE 10. PUSHUP BAR 11. SIXTEEN STATION
5	Funds allotted to physical Education	Rs. 34,61,000/-

Extra-Curricular Activities	YRC, NSS, FINE ARTS CLUB, LANGUAGE CLUB, RRC, YOGA, ROTRACT CLUB & EXTRA....
Soft Skill Development Facilities	Yes
Innovation Cell	Yes



20. MOU WITH INDUSTRIES

S.No	Department	Logo	Company Name	MoU Signed Date	Dept. Under MoU
1	CIVIL	 R.P.P. Infra Projects Limited	M/s RPP Infra Projects Limited, Erode.	03.09.2018	CIVIL, MECH & EEE
2	EEE	 S.S. Natarajan & Co	M/s S.S.Natarajan & Co, Erode.	03.09.2018	CIVIL, MECH & EEE
3	CIVIL	 GMS Driven by Excellence	M/s GMS Elegant Builders (I) Pvt Ltd, Erode.	05.09.2018	CIVIL, MECH & EEE
4	CIVIL	 V.Sathyamoorthy & Co.,	M/s V.Sathyamoorthy & Co, Namakkal.	07.09.2018	CIVIL, MECH & EEE
5	CSE	 redhat.	M/s Red Hat India Pvt Ltd, Mumbai.	20.11.2018	CSE
6	EEE	 Caliber	M/s CALIBRE Embedded Technologies India Pvt Ltd, Salem.	13.07.2019	ECE & EEE
7	CSE	 Skill Safari	M/s Skill Safari, Coimbatore.	08.05.2021	CSE
8	ECE	 Enthu Tech Engineer Innovations	M/s Enthu Technology Solutions India Pvt Ltd, Coimbatore.	23.08.2021	ECE
9	MECH	 SCHWING Stetter	M/s Schwing Stetter (India) Pvt Ltd, Kanchipuram.	01.11.2021	CIVIL, MECH & EEE
10	ECE	 Krish Tec	M/s Krish Tec, Coimbatore.	22.11.2021	ECE & CSE
11	CIVIL	 CMK CMK PROJECTS (P) LTD.	M/s CMK Projects Private Limited, Chennai.	29.11.2021	CIVIL, MECH, EEE & MBA
12	CIVIL	 RCCL	M/s Ramalingam Construction Company Private Limited, Erode.	29.11.2021	CIVIL, MECH, EEE & MBA
13	CSE	 INNOVATUS	M/s Innovatus Systems, Coimbatore.	02.12.2021	CSE
14	ECE	 STEPS	M/s STEPS Knowledge Services Pvt Ltd, Coimbatore.	02.12.2021	ECE & EEE
15	ECE	 BIRDSCALE	M/s UAV Technology, Birdscale Technologies, Chennai.	18.12.2021	All Branches



S.No	Department	Logo	Company Name	MoU Signed Date	Dept. Under MoU
16	S&H		M/s Vedas IAS Academy, Chennai.	18.12.2021	All Branches
17	EEE		M/s INGLO Technologies, Coimbatore.	09.02.2022	ECE, EEE, MECH & MBA
18	EEE		M/s Mega Tech Scientific Instruments, Coimbatore.	09.02.2022	ECE, EEE & MECH
19	EEE		M/s Saradha Skill Academy, Coimbatore.	15.11.2021	All Branches
20	EEE		M/s MERITON Switchgears Private Ltd, Erode.	15.02.2022	ECE,EEE,MECH & MBA
21	EEE		M/s JASCON Energy Private Ltd, Trichy.	02.03.2022	EEE,ECE,MECH & MBA
22	CIVIL		M/s Erode District Civil Engineers Association, Erode.	26.06.2022	CIVIL
23	PTC		M/s ECI Systems Pvt Ltd, Pallapalayam, Coimbatore	10.06.2023	ECE, EEE, MECH
24	PTC		M/s Trinity SkillWorks Private Limited, Trivandrum	05.07.2023	ECE, EEE, AI&DS, CSE, CIVIL, MECH
25	RIC		M/s Otomeyt World LLP, Bengaluru	01.06.2023	ECE, EEE, AI&DS, CSE, CIVIL, MECH
26	RIC		M/s Tessolve Semiconductors Pvt Ltd	15.06.2023	ECE, EEE, AI&DS, CSE, CIVIL, MECH
27	S&H		Westech Power Management Pvt Ltd	09.11.2023	ECE, EEE, MECH



21. BOOK CHAPTER

S.NO	Book/Book chapter title	Publisher	Author name	ISBN number
1	Generative AI -A Beginner Guide	Shanlaxpress, Madurai	Dr.R.Praveenkumar	9789361639371
2	Digital Image processing	Aasan Publications	Mr.U.Rajasekaran	9788119313679
3	Predicting the hospitalized patients' results from the electronic health report	AETS global	Mr.V.Rajaram	9789357829205
4	Block chain-enabled federated learning for secured edge data communication through a decentralized software-defined network	IGI Global	Ms.P.Brindha	DOI: 10.4018/979-8-3693-0482-2.ch008
5	Modelling of organizational performance using machine learning	AETS global	Ms.M.Nivethini	9789357829205
6	Privacy-preserving federated machine learning techniques	IGI Global	Mr.S.Gobinath	DOI: 10.4018/979-8-3693-0593-5.ch007
7	Microprocessors and microcontroller	Sri Krishna Hitech Publishing	Dr.P.Nammalvar	9788196990633
8	Deep learning	Mayas publication	Dr.S.Selvi	9789395214544
9	Artificial intelligence and machine learning	MJP publishers	Dr.S.Selvi	9789355282279
10	Machine learning Problems	Lulu.com	Dr.P.Vishnu Raja	9781304564054
11	Machine Learning and Data Algorithms: Step by Step Hands-On	Lulu.com	Dr.P.Vishnu Raja	9781312324220
12	Artificial Intelligence and Applications	Book Rivers	Mr.V.Rajaram	9789358425642



22. JOURNAL

S.NO	NAME OF THE FACULTY	TITLE OF PAPER	NAME OF THE JOURNAL	INDEXING	IMPACT FACTOR
1.	Dr.P.Eswaramoorthi	Characterization and energy evaluation analysis of agro biomass briquettes produced from Gloriosa superba wastes and turmeric leave wastes using cassava starch as binder	Biomass Conversion and Biorefinery	SCIE	4
2.	Dr.P.Eswaramoorthi	Sun flower corn stem solid biomass fuel physical proximate comparative analysis and its industrial applications	Journal of the Balkan Tribological Association	SCOPUS	-
3.	Dr.P.Eswaramoorthi	Combustion Analysis of solid biomass derived from Turmeric and Onion, using Nanoclay as a Binding Material, for a Sustainable Environment	Journal of Environmental Nanotechnology	SCOPUS	-
4.	Dr.K.E.Viswanathan	Characterization of nano fly ash and study on durability properties of nano fly ash embedded concrete	Materia-Rio De Janeiro	SCIE	0.4
5.	Dr.S.Srividhya	Influence of basalt fibres on the flexural performance of hypo sludge reinforced concrete beams with SBR latex	Structural Engineering Mechanics	SCIE	2.2
6.	Dr.S.Srividhya	Properties of biocomposites from waste eggshell as fillers	Global nest journal	SCIE	1.1
7.	Dr.S.Srividhya	Infilled steel tubes as reinforcement in lightweight concrete columns: An experimental investigation and image processing analysis.	Computers and Concrete	SCIE	4.1
8.	Dr.S.Srividhya	Impact of various Fibers on the Mechanical and Durability Performance of Fibre-Reinforced Concrete with SBR latex	Journal of Polymer & Composites	ESCI	< 2
9.	Dr.S.Srividhya	Experimental Study on Mechanical and Durability behaviour of a Sustainable Masonry Block incorporating Agricultural and Industrial Wastes	Indian Journal of Science and Technology	WOS	< 2
10.	Dr.S.Srividhya	Exploring the effects of eco-friendly and biodegradable biocomposite with PLA incorporating eggshell and walnut powder as fillers	Global nest journal	SCIE	1.1



S.NO	NAME OF THE FACULTY	TITLE OF PAPER	NAME OF THE JOURNAL	INDEXING	IMPACT FACTOR
11.	V.Gowri Shankar	Development of a novel sustainable concrete from waste coconut shell with alccofine supplements	Advances in Civil and Architectural Engineering	ESCI	< 2
12.	N.Utchimuthu	Integrated Geophysics and Geoinformatics Approach to the Mapping of Groundwater Potential Zones in Upper Noyyal River Basin, Tamilnadu, India	Journal of Environmental Protection and Ecology	SCIE	0.567
13.	Dr. P. Sakthivel	Low content of Ni-Pt nanoparticles decorated carbon nanofibers as efficient electrocatalyst for hydrogen evolution reaction	Journal of Chemical Technology & Biotechnology	SCI	3.8
14.	Dr. P. Sakthivel	A vacuum pressure sensor based on graphene/ZnO nanorod Schottky junction	Carbon Letters	SCI	4.5
15.	Dr. P. Sakthivel	Simultaneous electrochemical detection of ascorbic acid, dopamine and uric acid using Au decorated carbon nanofibers modified screen printed electrode	Carbon Letters	SCI	4.5
16.	Dr. T. Prakash	Camellia Sinensis assisted green synthesis of metal oxide nanoparticles: Investigation of structural, vibrational, morphological and thermal analysis.	Journal of the Indian Chemical Society	SCI	1.3
17.	Dr.S.SELVI	Intraocular Pressure Monitoring System for Glaucoma Patients using IoT and Machine Learning	MDPI Journal of Engineering Proceedings	SCOPUS	0.7
18.	Dr. M. S. Senthil Kumar	Effect of alumina fillers on physical and mechanical properties of luffa/groundnut shell natural fiber reinforced polymer composites	Polymer Composites	SCIE	5.2
19.	Dr. M. S. Senthil Kumar	A review on natural fiber composites: Polymer matrices, fiber surface treatments, fabrication methods, properties, and applications	Polymer Engineering & Science	SCIE	3.2
20.	Dr. M. S. Senthil Kumar	Mechanical behaviour analysis for banana/coir natural fiber hybrid epoxy composites through experimental modeling	Journal of Polymer Research	SCIE	2.8



S.NO	NAME OF THE FACULTY	TITLE OF PAPER	NAME OF THE JOURNAL	INDEXING	IMPACT FACTOR
21.	Dr. M. S. Senthil Kumar	Investigation of Mechanical Properties and Drilling parameters of Sesbania rostrata Fiber Reinforced Polycaprolactone Biodegradable Composite	SAE Technical Papers	SCOPUS	0.53
22.	Dr. P.Saji Raveendran	Experimental investigation of biogas production by co-digestion of local vegetable market wastes	Biomass Conversion and Biorefinery	SCIE	4
23.	V. KARTHI	Blockchain Empowered Solar Energy Trading: A Decentralized Grid Integration Revolution	International Journal of Electric Power Components and Systems	SCIE	< 2
24.	Dr.C.Venkatesh	Design of Broadband Circuit Analog Absorber With Optimal Thickness for Stable Angular Response in C, X, Ku, and K Bands	IEEE Transactions on Electromagnetic Compatibility	SCI	2
25.	S D VIJAYAKUMAR	Blockchain Empowered Solar Energy Trading: A Decentralized Grid Integration Revolution	Electric Power Components and Systems	SCI	1.2
26.	S D VIJAYAKUMAR	Machine Learning-Based Optimization of Wind-PV Solution for Grid Demand	Electric Power Components and Systems,	SCI	1.2
27.	MANIMALA.V	Next-Generation Terabit Wireless Communication: Advancements Beyond 6G	MICROWAVE JOURNAL	SCIE	0.38
28.	VELMURUGAN.T	Implementation of Enhanced hardware digital system design by protecting Hardware Trojans using Concurrent Error Detection technique	International Journal of Intelligent Systems and Applications in Engineering	SCOPUS	0.23



23. CONFERENCE

S.NO	NAME OF THE FACULTY MEMBER	TITLE OF PAPER	NAME OF THE CONFERENCE	INDEXING
1.	S D VIJAYAKUMAR	Enhancing IoT Image Security through Hybrid Encryption and Optimal Key Generation with Optimization	International Conference on Self-Sustainable Artificial Intelligence Systems (ICSSAS 2023)	SCOPUS
2.	S D VIJAYAKUMAR	A cost-effective transmitter and receiver for unmanned aerial vehicles	AIP Conference Proceedings	SCOPUS
3.	MANIMALA.V	Experimental Study on THz-FSS Structures using SIW Technology	International Conference on Recent Advances in Science and Engineering Technology (ICRASSET)	IEEE (Scopus)
4.	Dr.P.NAMMALVAR	Improved SEPIC Converter for PFC Correction in Industrial AC And DC Drive Application	2023 International Conference on Intelligent Technologies for Sustainable Electric and Communications Systems (iTech SECOM)	IEEE (Scopus)
5.	Dr.S.SELVI	Map Reduce Based K-Means Genetic and C- Means Fuzzy Clustering Formation for Community Detection and Community Validation	International Conference on Electronics, Communication and Aerospace Technology	IEEE (Scopus)
6.	P.BRINDHA	Machine Learning based Crop Suitability Prediction and Fertiliser Recommendation System	International Conference on Electronics and Sustainable Communication systems	IEEE (Scopus)



24. PATENTS

S.NO	INVENTION TITLE	PUBLICA TION DATE	APPLICATION NUMBER	APPLICANT NAME
1	Machine-learning-based natural language processing techniques for low-latency document summarization	12.01.2024	202341087426	Dr. S D Prabu Ragavendiran Department of Computer Science and Engineering, BEC
2	Early detection of heart disease in type 2 diabetes patients using machine learning and big data analysis	22.04.2024	202441031893	Dr. S D Prabu Ragavendiran Department of Computer Science and Engineering, BEC
3	Calibration of low-cost IoT sensors in environmental monitoring networks via application of machine learning techniques	19.04.2024	202441028371	Dr. S D Prabu Ragavendiran Department of Computer Science and Engineering, BEC
4	Demand for Warehouse space in Tier II Cities for E-commerce Industry	31.05.2024	202441039074	Dr. D.Maya ASP, Department of Computer Science and Engineering, BEC
5	Optimizing Machine Learning Workload Task Scheduling In Cloud Environments	01-03-2024	202441007498	Mr. R. Sivasankar ,Department of Computer Science and Engineering, BEC
6	Artificial Intelligence and Supply Chain Management-Assessment of the Present and Future Role Played by AI in Supply chain Process	16-06-2023	202341030935	Dr.K.Sumathi. Department of Computer Science and Engineering, BEC
7	Solar-powered transceiver for wireless sensor networks	02-03-2024	409332-001	Mr.V.Karthi, Department of Electrical and Electronics Engineering, BEC
8	Pillet-based heat storage with fin arrangement for solar air heater	29-03-2024	202441023277	Dr.V.Sureshkannan, Department of Mechanical Engineering, BEC
9	Finned compact sensible heat storage systems	31-05-2024	202441039179	Dr.V.Sureshkannan, Department of Mechanical Engineering, BEC
10	Helmet	14.10.2024	6319244	Mr.Palani nehru, Department of AI&DS, BEC
11	Low-cost solar-powered LED lighting system	04.09.2023	394446-001	Mr.M.Prakash,Department of ECE, BEC
12	Solar panel cleaning robot for industrial solar power plant	16.10.2023	397725-001	Mr.V.Kumar,Department of ECE, BEC
13	IoT-based agricultural and Horticultural systems	13.04.2023	383825-001	G.Vijayakumari,Department of ECE, BEC



25. ACCOUNTED AUDITED STATEMENT FOR THE LAST THREE YEARS

Audited Statement of Accounts

Year	Particulars
2024-2025	View
2023-2024	View
2022-2023	View