



P.A. COLLEGE OF ENGINEERING

Affiliated to VTU | Approved by AICTE | Recognized by Govt. of Karnataka

ANNUAL REPORT

2019-20

Near Mangalore University, Konaje, Mangaluru - 574153




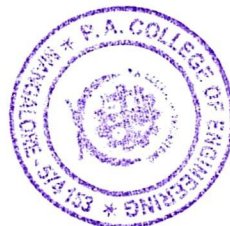


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P.A. COLLEGE OF ENGINEERING
MANGALORE - 574 153

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INTRODUCTION

P.A. College of Engineering (PACE) was established in the year 2000 under the aegis of PAET, with an aim to provide a career-oriented professional education and to produce technically competent engineers with moral and ethical values. The institution is dedicated to promote an effective learning environment that encourages excellence and diversity in thoughts and endeavour.

PACE is affiliated to the Visvesvaraya Technological University (VTU), Belgaum and is approved by the All India Council for Technical Education (AICTE), New Delhi, recognized by the Government of Karnataka. P.A. College of Engineering which instituted with a total intake of 240 students- 60 students each in four disciplines of engineering, has now grown in leaps and bounds. Over the 20 years, new undergraduate programs, postgraduate programmes in various branches of engineering, MBA courses and Research programmes were added to meet the growing demand in the industry and the intake has been increased in Engineering and management courses. Teaching and research facilities at PACE are already among the best and continues to improve. Well qualified faculty with international reputation, a well-developed campus and outstanding infrastructure makes PACE much sought after for technical and management education. The institution regularly invites experts from industry and academia for interaction with students. While helping the students to reach their full potential, PACE also offers innumerable opportunities for extracurricular activities that match nearly every interest.

PACE is located in Mangalore, a city which has established itself as the knowledge hub of South India and has become a haven for advanced study. Beautiful environment and salubrious climate make Mangalore a dream destination for learning. Mangalore is well connected to the rest of the country by air, rail and road. Nestled amidst lush greenery, P. A. College of Engineering celebrates the serene splendour of pristine nature. Spread across 60 acres, the college offers the perfect setting for an academic environment.




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VISION AND MISSION

Vision

PACE is envisaged as a centre of evolution for excellence in Technological, Management and Research Education. The institution aspires to spread universal knowledge through villages and cities enabling expansion of human resources.

Mission

- To provide career-oriented professional education to produce technically competent engineers and managers with moral and ethical values.
- To foster and promote an effective learning environment in the campus to be recognized as place that encourages excellence and diversity in thoughts and endeavour.
- To provide research and intellectual resources to address problems facing the industry and the society while advancing the scopes of multidisciplinary applications.




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GOVERNING COUNCIL

No	Name	Designation	Profession
1.	Dr P A IBRAHIM	Chairman	Business & Educationist
2.	Mr. Abdulla Ibrahim	Executive Director	Service
3.	Mr. Ahmed Kutty	Member	Director Finance
4.	Mr. M P Ahammed	Member	Industrialist
5.	Dr. Abdul Rahman	Member	Educationist
6.	Dr Ramesh U	Member	Educationist
7.	Director of Technical Education	Member	Director DTE
8.	Director of SWRO AICTE	Member	Director SWRO



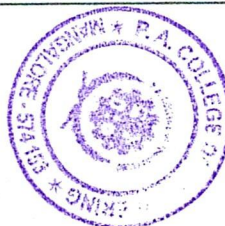
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9.	Mr. Aseef Mohammed	Member	Advocate
10.	Dr. Ramis M. K	Member	Vice Principal
11.	Dr. Abdul Sharief	Member	Principal

PROGRAMMES

B.E & M tech

Sl No	Courses	Intake
01	B.E. COMPUTER SCIENCE & ENGINEERING	120
02	B.E. BIOTECHNOLOGY	30
03	B.E. CIVIL ENGINEERING	90
04	B.E. ELECTRICAL AND ELECTRONICS ENGINEERING	30
05	B.E. ELECTRONICS AND COMMUNACATIONS ENGINEERING	90
06	B.E. MECHINICAL ENGINEERING	90
07	B.E. MECHINICAL ENGINEERING (2ND SHIFT)	30
08	M.TECH. DIGITAL COMMUNICATIONS AND NETWORKING	18
09	M.TECH. COMPUTER SCIENCE & ENGINEERING	24
10	M.TECH. THERMAL ENGINEERING	18



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11	M.TECH. VLSI	24
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MBA

Sl No	Courses	Intake
01	MBA	72

Ph.D

P.A. College of Engineering has eight VTU recognized research centers offering Ph.D. and M.Sc. (Engg.) by Research courses. Over 20 Ph.D. faculty members are available as research guides in various departments to supervise the research scholars on recent advances in various fields.

ADMISSIONS

B.E & M tech

Sl No	Courses	New enrolment
01	B.E. COMPUTER SCIENCE & ENGINEERING	101
02	B.E. BIOTECHNOLOGY	23
03	B.E. CIVIL ENGINEERING	27
04	B.E. ELECTRICAL AND ELECTRONICS ENGINEERING	5
05	B.E. ELECTRONICS AND COMMUNACATIONS ENGINEERING	14
06	B.E. MECHINICAL ENGINEERING	29
07	B.E. MECHINICAL ENGINEERING (2ND SHIFT)	0
08	M.TECH. DIGITAL COMMUNICATIONS AND NETWORKING	1
09	M.TECH. COMPUTER SCIENCE & ENGINEERING	2



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10	M.TECH. THERMAL ENGINEERING	0
11	M.TECH. VLSI	1

MBA

SI No	Courses	New enrolment
01	MBA	32

ACTIVITIES OF 2019-2020

1. As part of our efforts to minimize educational gaps, the college offered 8 additional certification courses, enrolling a total of 679 students.
2. Dr. Sharmila Kumari M received a grant of 2.33 lakh for an STTP on Machine Learning for social Applications.
3. In the year 2020 the faculties of the college have published a total of 40 articles and 11 conference proceedings/book chapters.
4. The institute has organized approximately 11 extension and outreach activities in collaboration with the National Service Scheme (NSS) and the Youth Red Cross (YRC) units of the college in the year 2019-2020.
5. During the academic year 2019-2020, financial support totalling ₹3.079 lakhs was provided to 59 teachers. For attending conferences, workshops, and seminars, contributing to their professional growth and academic development
6. The institute in the year 2019-2020 hosted few session on Research Methodology, Intellectual Property Rights, and on Entrepreneurship.
7. During the academic year 2019-2020, our institution successfully facilitated financial support for 961 students through various scholarship programs. The total scholarship amount distributed was significant, with funding coming from both government and institutional sources. A substantial portion of the scholarships, amounting to ₹83,11,900, was provided through the National Scholarship Portal (NSP) and State Scholarship Portal (SSP). In addition, the



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institution itself awarded ₹55,02,930 in scholarships. These institutional scholarships are designed to support students based on merit, need, and various other criteria set by the institution.

8. Throughout the academic year, our institution organized a series of targeted sessions designed to enhance student development and better equip them for future challenges. Some of these sessions included:

Email Etiquette Workshop: Aimed at improving professional communication skills, this workshop focused on effective email writing practices, including structuring messages, using appropriate language, and maintaining clarity and professionalism.

Guest Lecture on Tech Trends: This talk provided insights into the latest technological advancements and their impact on various sectors. It explored emerging tech trends and discussed their potential to shape the future.

Functional Fitness Program: This program offered practical exercises and routines to enhance physical fitness and overall functionality. It emphasized strength, flexibility, and endurance to improve students' daily lives and physical well-being.

Guest Lecture on Teamwork and Collaboration: This session addressed essential strategies for effective teamwork. It covered communication skills, conflict resolution, and collaborative problem-solving to foster better group dynamics and cooperation.

9. During the academic year 2019-2020, the institution engaged 962 students in specialized programs tailored to enhance their preparation for competitive examinations and offer career counseling.


10. In the academic year 2019-2020, the institution's Training and Placement Cell played a crucial role in helping students transition from academia to the professional world. Out of the 392 students who sought placement assistance, 300 successfully secured positions with various employers.




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11. During the academic year 2019-2020, Navya Shetty of department of biotechnology cleared GATE examination.
12. During the academic year 2019-2020, 6 students were awarded medals and accolades for their outstanding performance in sports and cultural activities.
13. The college hosted 33 sports and cultural programs in the academic year 2019-2020 offering students numerous opportunities to actively participate and demonstrate their talents.
14. During the academic year 2019-2020 54 teaching staff engaged in Faculty Development Programs (FDP) and other professional development activities, while 17 non-teaching staff participated in administrative training programs, enhancing their skills and expertise.
15. In the academic year 2019-2020 the DHI ERP system, which was implemented in 2018, remained an essential tool for our college. It significantly streamlined both administrative and academic processes,




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FACULTY DATA

List of full-time teachers during the academic year 2019-2020 is as given below:

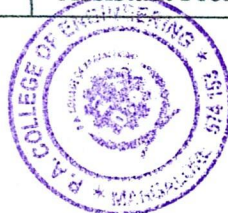
Sl. No.	Faculty Name	Designation	Department
1.	Dr. Krishna Prasad N	Professor	Biotechnology
2.	Dr. Ronald Valder	Associate Professor	Biotechnology
3.	Mrs. Shainy Mathew	Assistant Professor	Biotechnology
4.	Ms. Yashaswini B M	Assistant Professor	Biotechnology
5.	Dr. Arunodaya H S	Assistant Professor	Biotechnology
6.	Dr. Shailat Mathew	Assistant Professor	Biotechnology
7.	Dr. Sharmila Kumari M.	Professor	Computer Science
8.	Dr. Zahid Ansari	Professor	Computer Science
9.	Mr. Javad Baig	Assistant Professor	Computer Science
10.	Mr. Ganesh Pai	Assistant Professor	Computer Science
11.	Mr. Mohammed Hafeez M K	Assistant Professor	Computer Science
12.	Mr. Mohammed Asif Raibag	Assistant Professor	Computer Science
13.	Mrs. Sakeena	Assistant Professor	Computer Science
14.	Mr. Abdul Majeed K.M	Assistant Professor	Computer Science
15.	Ms. Shamna.N V	Assistant Professor	Computer Science
16.	Mr. Habeeb Ur Rehman P B	Assistant Professor	Computer Science
17.	Mr. Nishant Narayanan	Assistant Professor	Computer Science
18.	Mr. Muhammad Saifuddeen	Assistant Professor	Computer Science
19.	Ms. Naseeba	Assistant Professor	Computer Science
20.	Ms. Masna	Assistant Professor	Computer Science
21.	Ms. Fathimath Safeeriya	Assistant Professor	Computer Science
22.	Mr. Mohammed Tanzeem Agra	Assistant Professor	Computer Science
23.	Mr. Mohammed Sidheeque	Assistant Professor	Computer Science
24.	Ms. Asmath Fahima Famnaz	Assistant Professor	Computer Science
25.	Ms. Avvanhi	Assistant Professor	Computer Science
26.	Dr. Palakshappa K.	Professor	Civil Engineering
27.	Mr. Yathish	Assistant Professor	Civil Engineering
28.	Mr. Praveen Suvarna S.	Assistant Professor	Civil Engineering
29.	Mrs. Jameela	Assistant Professor	Civil Engineering
30.	Mr. Jasim P. P.	Assistant Professor	Civil Engineering
31.	Mr. Chethan K.	Assistant Professor	Civil Engineering
32.	Ms. Aysha Afeeza	Assistant Professor	Civil Engineering
33.	Mr. Badruddin P. M.	Assistant Professor	Civil Engineering
34.	Ms. Dishadvi D. D.	Assistant Professor	Civil Engineering



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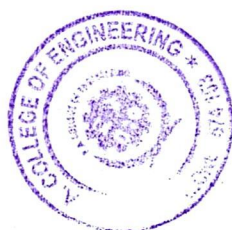
35.	Mr. Ravikiran	Assistant Professor	Civil Engineering
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Sl. No.	Faculty Name	Designation	Department
36.	Mr. Shrikant Moger	Assistant Professor	Civil Engineering
37.	Ms. Athira Prasad	Assistant Professor	Civil Engineering
38.	Mr. Sanketh Rai	Assistant Professor	Civil Engineering
39.	Ms. Amrutha	Assistant Professor	Civil Engineering
40.	Mr. Vivek N Mayya B	Assistant Professor	Civil Engineering
41.	Ms. Safa Sana	Assistant Professor	Civil Engineering
42.	Dr. S Abdul Rahiman	Professor	Electronics & Communication
43.	Mr. Mohammad Hussain K	Assistant Professor	Electronics & Communication
44.	Mrs. Chandana B.R	Assistant Professor	Electronics & Communication
45.	Mrs. Littimol Mathew	Assistant Professor	Electronics & Communication
46.	Mr. Tenson Jose	Assistant Professor	Electronics & Communication
47.	Mr. Amjad Khan	Assistant Professor	Electronics & Communication
48.	Mr. Mohammed Zakir B	Assistant Professor	Electronics & Communication
49.	Mr. Shamseer Ali A.	Assistant Professor	Electronics & Communication
50.	Mrs. Asia Hazareena	Assistant Professor	Electronics & Communication
51.	Mr. Mohammed Saleem	Assistant Professor	Electronics & Communication
52.	Ms. Nafeesath. T.P.	Assistant Professor	Electronics & Communication
53.	Ms. Safra	Assistant Professor	Electronics & Communication
54.	Ms. Ayishathil Bushra	Assistant Professor	Electronics & Communication
55.	Mr. John Valder	Associate Professor	Electrical & Electronics
56.	Ms. Divya. P	Assistant Professor	Electrical & Electronics
57.	Mr. Sreeba Mathew C.	Assistant Professor	Electrical & Electronics
58.	Mrs. Fathimath Raihan	Assistant Professor	Electrical & Electronics
59.	Ms. Nandini. S	Assistant Professor	Electrical & Electronics
60.	Mr. Vittal Bhat. M	Assistant Professor	Electrical & Electronics
61.	Ms. Nishitha K	Assistant Professor	Electrical & Electronics
62.	Dr. Abdul Sharief	Professor	Mechanical Engineering
63.	Dr. Ramis .M.K	Professor	Mechanical Engineering
64.	Mr. Chandrakant V. Pujar	Associate Professor	Mechanical Engineering
65.	Mr. Prashanth Pai. M	Assistant Professor	Mechanical Engineering
66.	Dr. Abdul Razzak	Associate Professor	Mechanical Engineering
67.	Mr. Varun Hegde	Assistant Professor	Mechanical Engineering
68.	Mrs. Anitha Kamath	Assistant Professor	Mechanical Engineering
69.	Mr. Mohammed Avvad	Assistant Professor	Mechanical Engineering
70.	Ms. Shruthi R Shetty	Assistant Professor	Mechanical Engineering
71.	Mr. Mohan K P	Assistant Professor	Mechanical Engineering



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Sl. No.	Faculty Name	Designation	Department
72.	Mr. Chethan K M	Assistant Professor	Mechanical Engineering
73.	Mr. Mohammed Sirajuddin	Assistant Professor	Mechanical Engineering
74.	Mr. Mohammed Kareemullah	Assistant Professor	Mechanical Engineering
75.	Mr. Navaneeth. I.M.	Assistant Professor	Mechanical Engineering
76.	Mr. Rudresha N	Assistant Professor	Mechanical Engineering
77.	Mr. Avinash	Assistant Professor	Mechanical Engineering
78.	Mr. Ali Afzal	Assistant Professor	Mechanical Engineering
79.	Mr. Rayid Muneer	Assistant Professor	Mechanical Engineering
80.	Mr. Kiran Kumar B	Assistant Professor	Mechanical Engineering
81.	Mr. Darshan B V	Assistant Professor	Mechanical Engineering
82.	Mr. Asif Afzal	Assistant Professor	Mechanical Engineering
83.	Mr. Maruthi Prashanth B H	Assistant Professor	Mechanical Engineering
84.	Mr. Mohammed Aneeque	Assistant Professor	Mechanical Engineering
85.	Dr. Surfraz Hasim J.	Professor	Basic Science & Humanities
86.	Mr. Ismail S.	Assistant Professor	Basic Science & Humanities
87.	Mr. Ismail Shaffi A.M	Assistant Professor	Basic Science & Humanities
88.	Mr. Zishaan Abdulla	Assistant Professor	Basic Science & Humanities
89.	Ms. Sareen Sheikh	Assistant Professor	Basic Science & Humanities
90.	Mrs. Mitra Kunjaru	Associate Professor	Basic Science & Humanities
91.	Mrs. Asha Saraswathi	Assistant Professor	Basic Science & Humanities
92.	Mrs. Sumangala Rao	Assistant Professor	Basic Science & Humanities
93.	Mrs. Savitha Rai	Assistant Professor	Basic Science & Humanities
94.	Mr. Abdul Majeed	Assistant Professor	Basic Science & Humanities
95.	Mr. Jishad M K	Assistant Professor	Basic Science & Humanities
96.	Mr. Shashidhara K	Assistant Professor	Basic Science & Humanities
97.	Mr. Shafinaz	Assistant Professor	Basic Science & Humanities
98.	Dr. Sayed Ameen Ahamed	Associate Professor	Business Administration
99.	Mr. Zoheb Ali	Assistant Professor	Business Administration
100.	Mrs. Shama Hakeem	Assistant Professor	Business Administration
101.	Ms. Azvin	Assistant Professor	Business Administration




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STUDENTS DATA


Our institution proudly hosts a diverse and dynamic student body, with a total enrollment of 1,157 students. These students are distributed across 6 undergraduate (UG) programs and 2 postgraduate (PG) program.

Name of the Program	4th year	3rd year	2nd year	1st year	Total
B. E. in Biotechnology	26	22	21	23	92
B. E. in Computer Science and Engineering	77	90	116	101	384
B. E. in Civil Engineering	87	78	50	27	242
B. E. in Electronic and Communication Engineering	31	22	21	14	88
B. E. in Electrical and Electronics Engineering	19	9	19	5	52
B. E. in Mechanical Engineering	138	106	54	29	327
Masters of Business Administration	0	0	29	32	61
Masters of Technology	0	0	8	4	12
	378	327	318	235	1258

CONCLUSION

In conclusion, the 2019-2020 academic year was marked by significant achievements and advancements across multiple domains. The college successfully expanded educational opportunities, supported faculty and student research, and enhanced community engagement. With substantial financial aid and a focus on professional development, we effectively prepared our students for future challenges and career success. The continued effective use of the DHI ERP system and the wide range of extracurricular programs further underscore our commitment to excellence and holistic development.




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