



# P.A. COLLEGE OF ENGINEERING

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

# ANNUAL REPORT

2020-21

Near Mangalore University, Konaje, Mangaluru - 574153



PRINCIPAL  
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 decades, 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.



A handwritten signature in blue ink, appearing to be "P. A.", written over a horizontal line.

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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

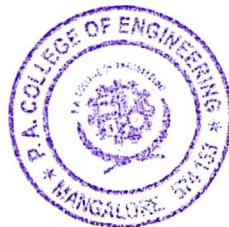
- To provide career-oriented professional education to produce technically competent engineers and managers with moral and ethical values.
- To foster and promote an effective learning environment in the campus to be recognized as place that encourages excellence and diversity in thoughts and endeavour.
- 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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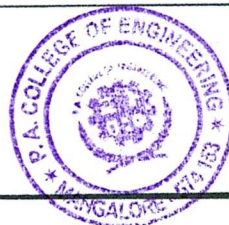


- |     |                    |        |                |
|-----|--------------------|--------|----------------|
| 9.  | Mr. Aseef Mohammed | Member | Advocate       |
| 10. | Dr. Ramis M. K     | Member | Vice Principal |
| 11. | Dr. Abdul Sharief  | Member | Principal      |

## PROGRAMMES

### B.E & M tech

Sl No	Courses	Intake
01	B.E. COMPUTER SCIENCE & ENGINEERING	120
02	B.E. BIO TECHNOLOGY	30
03	B.E. CIVIL ENGINEERING	60
04	B.E. ELECTRICAL AND ELECTRONICS ENGINEERING	30
05	B.E. ELECTRONICS AND COMMUNACATIONS ENGINEERING	60
06	B.E. MECHINICAL ENGINEERING	60
07	M.TECH. DIGITAL COMMUNICATIONS AND NETWORKING	9
08	M.TECH. COMPUTER SCIENCE & ENGINEERING	18
09	M.TECH. THERMAL ENGINEERING	18
10	M.TECH. VLSI	18



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## MBA

Sl No	Courses	Intake
01	MBA	60

## Ph.D

P.A. College of Engineering has eight VTU recognized research centers offering Ph.D. and M.Sc. (Engg.) by Research courses. Around 15 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	113
02	B.E. BIO TECHNOLOGY	14
03	B.E. CIVIL ENGINEERING	13
04	B.E. ELECTRICAL AND ELECTRONICS ENGINEERING	3
05	B.E. ELECTRONICS AND COMMUNACATIONS ENGINEERING	14
06	B.E. MECHINICAL ENGINEERING	16
07	M.TECH. VLSI	2



  
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## MBA

SI No	Courses	New enrolment
01	MBA	38

### ACTIVITIES OF 2020-2021

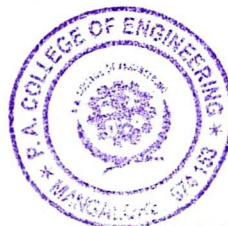
1. As part of our efforts to minimize educational gaps, the college offered seven additional certification courses, enrolling a total of 655 students. Upon successfully completing their evaluations, each student received a certificate.
2. Dr. Krishna Prasad received a grant of 20,00,000/- for New Age Incubation Network (NAIN) Scheme in this academic year.
2. In the year 2021 the faculties of the college has published a total of 94 articles and 12 conference proceedings/book chapters.
3. The institute has organized approximately 4 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 2020-2021.
4. The institute in the year 2020-2021 hosted a total of 6 workshops and seminars during the academic year, covering a range of topics. These included 4 sessions on Research Methodology, 1 on Intellectual Property Rights, and 1 on Entrepreneurship.
5. Each department is equipped with specialized research facilities tailored to support the needs of research scholars working in their respective domains. In addition, the institute boasts 8 dedicated research centers, each designed to foster advanced research and innovation across various disciplines.
6. During the academic year 2020-2021, our institution successfully facilitated financial support for 943 students through various scholarship programs. The total scholarship amount distributed was significant, with funding coming from both government and institutional sources.




  
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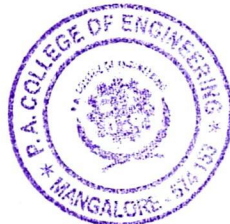
- **Government Scholarships:** A substantial portion of the scholarships, amounting to ₹1,08,25,000, was provided through the National Scholarship Portal (NSP) and State Scholarship Portal (SSP).
  - **Institutional Scholarships:** In addition, the institution itself awarded ₹58,44,665 in scholarships. These institutional scholarships are designed to support students based on merit, need, and various other criteria set by the institution.
7. Throughout the academic years, the institution organized a series of special sessions aimed at enhancing student development and preparing them for future challenges. These sessions included:
- **First Focus / Interview Skills:** Held on May 3, 2021, this session focused on equipping students with essential interview skills, crucial for their job search and career advancement.
  - **Introduction to Julia Programming Language:** Conducted on October 27, 2020, this session introduced students to the Julia programming language, expanding their technical skillset.
  - **Session on Stress Management:** This session aimed at helping students manage stress effectively, promoting their overall well-being.
  - **Invited Talk on Pre-requisites of Soft Skills for an Effective Job Search:** Held on December 25, 2020, this talk provided students with valuable insights into the soft skills required for a successful job search.
8. During the academic year 2020-2021, the institution engaged 619 students in specialized programs tailored to enhance their preparation for competitive examinations and offer career counseling.
9. In the academic year 2020-2021, the institution's Training and Placement Cell played a crucial role in helping students transition from academia to the professional world. Out of the 366 students who sought placement assistance, 268 successfully secured positions with various employers.
10. During the academic year 2020-2021, six students achieved notable success by qualifying for prestigious state and national-level exams. Specifically, five students excelled in the IELTS (International English Language Testing System) and one student



  
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successfully passed the GATE (Graduate Aptitude Test in Engineering) exam.

11. During the academic year 2020-2021, 4 students were awarded medals and accolades for their outstanding performance in sports and cultural activities.
12. In the academic year 2020-2021, the college hosted 14 sports and cultural programs, offering students numerous opportunities to actively participate and demonstrate their talents.
13. During the academic year 2020-2021 under the leadership of its President, Nishanth Narayanan alumni association, PACENEXT worked on connecting the alumina's with the college. Various Programmes were organized were alumina's interacted with the current students.
14. During the academic year 2020-2021, financial support totalling ₹1.768 lakhs was provided to 34 teachers. For attending conferences, workshops, and seminars, contributing to their professional growth and academic development.
15. During the academic year 2020-2021 61 teaching staff engaged in Faculty Development Programs (FDP) and other professional development activities, while 23 non-teaching staff participated in administrative training programs, enhancing their skills and expertise.
16. In the academic year 2020-2021, the DHI ERP system, which was implemented in 2018, remained an essential tool for our college. It significantly streamlined both administrative and academic processes,



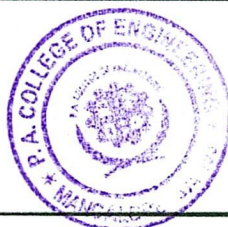
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## FACULTY DATA

List of full time teachers during the academic year 2020-2021 is as given below:

Sl. No.	Faculty Name	Designation	Department
1.	Dr. Krishna Prasad Nooralabettu	Professor	Biotechnology
2.	Dr. Ronald Valder	Assistant 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. Shailet 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.	Mr. Mohammed Tanzeem Agra	Assistant Professor	Computer Science
22.	Mr. Mohammed Sidheeque	Assistant Professor	Computer Science
23.	Ms. Avvanhi	Assistant Professor	Computer Science
24.	Mrs. Divya K. K.	Assistant Professor	Computer Science
25.	Dr. Palakshappa K.	Professor	Civil Engineering
26.	Mr. Praveen Suvarna S.	Assistant Professor	Civil Engineering
27.	Mrs. Jameela	Assistant Professor	Civil Engineering
28.	Mr. Jasim P. P.	Assistant Professor	Civil Engineering
29.	Mr. Chethan K.	Assistant Professor	Civil Engineering
30.	Ms. Aysha Afeeza	Assistant Professor	Civil Engineering
31.	Mr. Safa Sanah	Assistant Professor	Civil Engineering
32.	Ms. Dishadvi D. D.	Assistant Professor	Civil Engineering
33.	Mr. Ravikiran	Assistant Professor	Civil Engineering



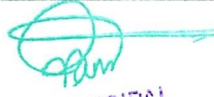
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34.	Ms. Athira Prasad	Assistant Professor	Civil Engineering
35.	Ms. Amrutha	Assistant Professor	Civil Engineering

Sl. No.	Faculty Name	Designation	Department
36.	Mr. Vivek N Mayya B	Assistant Professor	Civil Engineering
37.	Mr. Mohammad Hussain K	Assistant Professor	Electronics & Communication
38.	Mrs. Chandana B.R	Assistant Professor	Electronics & Communication
39.	Mrs. Littimol Mathew	Assistant Professor	Electronics & Communication
40.	Mr. Tenson Jose	Assistant Professor	Electronics & Communication
41.	Mr. Mohammed Zakir B	Assistant Professor	Electronics & Communication
42.	Mr. Shamseer Ali A.	Assistant Professor	Electronics & Communication
43.	Mrs. Asia Hazareena	Assistant Professor	Electronics & Communication
44.	Mr. Mohammed Saleem	Assistant Professor	Electronics & Communication
45.	Ms. Safra	Assistant Professor	Electronics & Communication
46.	Ms. Ayishathil Bushra	Assistant Professor	Electronics & Communication
47.	Mr. John Valder	Assistant Professor	Electrical & Electronics
48.	Ms. Divya. P	Assistant Professor	Electrical & Electronics
49.	Mr. Sreeba Mathew C.	Assistant Professor	Electrical & Electronics
50.	Mrs. Fathimath Raihan	Assistant Professor	Electrical & Electronics
51.	Ms. Nandini. S	Assistant Professor	Electrical & Electronics
52.	Mr. Vittal Bhat. M	Assistant Professor	Electrical & Electronics
53.	Ms. Nishitha K	Assistant Professor	Electrical & Electronics
54.	Dr. Abdul Sharief	Professor	Mechanical Engineering
55.	Dr. Ramis .M.K	Professor	Mechanical Engineering
56.	Mr. Chandrakant V. Pujar	Associate Professor	Mechanical Engineering
57.	Mr. Prashanth Pai. M	Assistant Professor	Mechanical Engineering
58.	Mr. Abdul Razzak	Assistant Professor	Mechanical Engineering
59.	Mr. Varun Hegde	Assistant Professor	Mechanical Engineering
60.	Mrs. Anitha Kamath	Assistant Professor	Mechanical Engineering
61.	Mr. Mohammed Avvad	Assistant Professor	Mechanical Engineering
62.	Mr. Mohan K P	Assistant Professor	Mechanical Engineering
63.	Mr. Mohammed Kareemullah	Assistant Professor	Mechanical Engineering
64.	Mr. Navaneeth. I.M.	Assistant Professor	Mechanical Engineering
65.	Mr. Avinash	Assistant Professor	Mechanical Engineering
66.	Mr. Kiran Kumar B	Assistant Professor	Mechanical Engineering
67.	Mr. Rayid Muneer	Assistant Professor	Mechanical Engineering
68.	Mr. Chethan K M	Assistant Professor	Mechanical Engineering
69.	Mr. Asif Afzal	Assistant Professor	Mechanical Engineering
70.	Mr. Maruthi Prashanth B H	Assistant Professor	Mechanical Engineering



  
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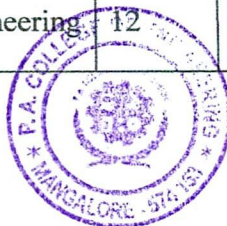


Sl. No.	Faculty Name	Designation	Department
71.	Dr. Surfraz Hasim J.	Professor	Basic Science & Humanities
72.	Mr. Ismail S.	Assistant Professor	Basic Science & Humanities
73.	Mr. Ismail Shaffi A.M	Assistant Professor	Basic Science & Humanities
74.	Mr. Zishaan Abdulla	Assistant Professor	Basic Science & Humanities
75.	Ms. Sareen Sheikh	Assistant Professor	Basic Science & Humanities
76.	Mrs. Mitra Kunjaru	Assistant Professor	Basic Science & Humanities
77.	Mrs. Asha Saraswathi	Assistant Professor	Basic Science & Humanities
78.	Mrs. Sumangala Rao	Assistant Professor	Basic Science & Humanities
79.	Mrs. Savitha Rai	Assistant Professor	Basic Science & Humanities
80.	Mr. Abdul Majeed	Assistant Professor	Basic Science & Humanities
81.	Mr. Jishad M K	Assistant Professor	Basic Science & Humanities
82.	Ms. Shafinaz	Assistant Professor	Basic Science & Humanities
83.	Dr. Sayed Ameen Ahamed	Director	Business Administration
84.	Mr. Zoheb Ali	Assistant Professor	Business Administration
85.	Mrs. Shama Hakeem	Assistant Professor	Business Administration
86.	Ms. Azvin	Assistant Professor	Business Administration

## 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	24	21	21	14	80
B. E. in Computer Science and Engineering	81	124	107	113	425
B. E. in Civil Engineering	83	71	40	13	207
B. E. in Electronic and Communication Engineering	23	25	21	14	83
B. E. in Electrical and Electronics Engineering	12	29	8	3	52



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B. E. in Mechanical Engineering	111	69	37	16	233
Masters of Business Administration	0	0	32	39	71
Masters of Technology	0	0	4	2	6
	334	339	270	214	1157

## CONCLUSION

The academic year 2020-2021 was marked by notable achievements across various domains. The college expanded its educational offerings with seven additional certification courses and substantial research contributions, including a significant grant secured by Dr. Krishna Prasad. We enhanced community engagement through outreach activities, supported students with extensive scholarships, and facilitated their development through targeted workshops and special sessions. The Training and Placement Cell successfully assisted a majority of students in securing placements. Additionally, our continued use of the DHI ERP system streamlined operations, while vibrant sports and cultural programs enriched campus life. Overall, the year demonstrated our commitment to academic excellence and holistic student development.



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