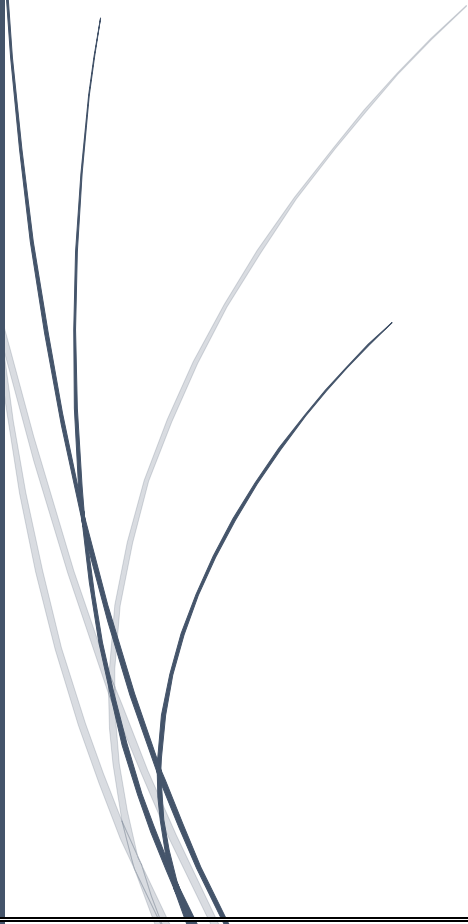


4/23/2021

Annual Report

2020-2021



Office of Principal

KPR Institute of Engineering and Technology



Annual Report 2020 - 2021

The roaring success of KPR Institute of Engineering and Technology echoes on all corners evidently due to a multitude of magnificent student community along with a team of adroit faculty members. It is fascinating and delightful to deliberate the triumphant account of the academic year 2020 – 2021 through this Annual Report. Having excelled in imparting knowledge for a period of 11 years, KPR Institute of Engineering and Technology is soaring high with its illustrious academic process and acclaimed co- curricular endeavors, amidst the historical curb of pandemic.

Statutory Body

With stern scrutiny at regular intervals by the Governing Body, Academic Council, Board of Studies, Finance Committee and IQAC Cell, the Institution functions as an empirical body. In this academic year 2020-2021, the institution has initiated the UG Program of **B. Tech. Artificial Intelligence and Data Science**, in addition to the **7 UG and 4 PG Programs**. Having received the Autonomous status in 2019, our institution has been accredited with NBA and NAAC, which extends till June 2023 and June 2024 respectively.

Students Strength

The wheels of the Institution keep rolling with the **massive impetus of 3079 students** on the whole, out of which **787** students belong to the graduating sect, **644** are III Years, **728** are II years and **856** students are in the I year of study. There is a total of **64** students pursuing their PG degree such as CAD/CAM, CSE, Structural Engineering and VLSI Design. At this juncture, I would like to call your attention to the Generosity of the management, as a total of **965 students** that is **31%** of students, pursue their study through scholarship system, which constitutes around **4.36 Crores**.

Academic Performance

I find it imperative to bring to your notice that the **academic performance** of the students has been exemplary during the year 2020, as the overall pass percentage of the Institution is **99.78 %**. In this academic year, I am elated and feel proud to mention, a total of **612 under graduate** students and **12 Post- graduate** students are graduating this year with flying colours and outstanding placement opportunities.

Our institution in association with the KPR IAS Academy has been offering GATE coaching for students. **Two students have qualified the GATE examination** and have secured All India Ranking. **Mr. Mohammed Afsal V M** of IV BME has scored 363 and is **ranked 209** in All India level. **Mr. Elangovan Y** of IV Civil Engineering secured 399 and has been **ranked 16790** in All India Level. Further, **two students** have qualified in **IELTS examination** and **34 students** are currently taking up **UPSC Coaching** this year.

Non- Statutory Bodies

It has been a phenomenal academic year with the ministration of **52 Non- Statutory Committees** operating at all levels to meet the vision and mission of the Institute.

The **5 TN Girls Battalion Army – NCC Unit** has been progressing remarkably with a total of **52 cadets** out of which **12 Cadets** have received '**B Certification from Ministry of Defence**'. Adding more, our institution has been approved with **6 TN Medical Coy** and **2 TN Air Squadron** with an intake of **50 cadets** each.

The **Technical House Ignitrron** functions tremendously with **11 clubs** and the **Cultural house Sangamam** operates incredibly with **17 clubs**, with a view to whet the skills and nurture the creativity of the students. A total of 150 events have been organized by the Cultural House Sangamam, with 7500 participants from various schools and colleges. The **Virtual Sangamam** is a spectacular event conducted on 31st July 2020, with 40 events and 11000 participants. The team Ignitrron has conducted 64 events with 7500 participations in his academic year

and the **Virtual Ignitrron** was organized on 22nd July 2020 comprising around 40 events with 6700 participants. The Sangamam and Ignitrron clubs jointly organized a talent hunt event titled, “**Chimps**”, exclusive for school students from Grade I to XII, from **17.05.2021 to 23.05.2021**. A total of 15 events were conducted, where **2587 school students** participated. In this spectacular event, **36 students** were adjudged as winners and won cash prizes. Actress, Ms. Abhirami Venkatachalam, was the special guest for the event, and addressed the viewers virtually. A total of 40365 viewers witnessed this outstanding event.

Placement

To give a glimpse of our Placement Progress, I'm very much delighted and blissful to remark that our Career Development Centre has recorded 99% of placement as of now. To be more specific, we have a total of **662 final year students**, and **537 have opted for placement**, out of which **532** have been placed in reputed Organizations like **Hawlett Packard Enterprise, QpiAI, Accenture, TCS, Cognizant, Hexaware, BOSCH, BYJU's** with the highest CTC of **20 LPA** and 8 students have been recruited for **10 LPA**.

Besides, to enhance a connect with the industries and to comprehend the industrial needs a flagship event titled ‘**Campus Connect**’ was organized for 5 days, with **45 sessions** and **52 speakers** from all over India. Further, our faculty members of various departments have undertaken Internship training to cultivate the Industrial traits among the students.

Accolades & Awards

With the Institute being on the crest of the wave, I feel honored and proud to propagate the sterling trophies and reverberating laurels brought by the faculty members and students.

- KPR Institute of Engineering and Technology is ranked 1001+ category at International level in “**The IMPACT Ranking 2021**” by Times Higher Education.
- Recognized as a **Host Institution by the Ministry of MSME, Government of India for Business Incubation**

- Bestowed with **Best College Award for excellent service** initiatives by thyself in Achievement of Energy Saving mission by **Indian Association of Energy Management Professionals (IAEMP)**.
- As per the Competition Success Review, We have secured **23rd Place as the Outstanding Engineering College of Excellence**.
- BEGINUP Research and Technology, Bengaluru, has certified us as the **“Top Engineering and Technology College of the year under the category Leading Infrastructure and Placement”**
- The institution has received the **National Employability Award 2021** for being amongst the top 10% college in Tamil Nadu that excelled in AMCAT 2021 by Aspiring Minds.
- The IGEN Global has conferred us with the **Green9 Maxima Award 2020**.
- Received certificate of appreciation from UNESCO & AICTE for “Not Zero – Net Zero” pledge in the advent of becoming **Carbon Neutral Educational Institute**, and also for the green initiative taken by the institute in planting more than 10,000 trees and implementing Biogas.
- The **Department of EEE has won the Best AICTE- CII Industry linked Institute 2020**
- We are Institutional Member of TBI – TNAU – Coimbatore and Indian Association of Energy Management Professionals (IAEMP)
- Pertaining to **Academics**, we have bagged the
 - **1st Rank in Coimbatore region under Autonomous category**, Anna University
 - **6th Rank in Tamil Nadu level under Autonomous category**, Anna University
 - **2nd Rank in Coimbatore region under Non-Autonomous category**, Anna University
 - **59th Rank in Tamil Nadu level under Non-Autonomous category**,

Anna University

- According to Times Engineering Survey, we have secured **77th place in TOP 100 PRIVATE ENGINEERING INSTITUTE RANKING 2020**

Not only that the faculty members of our college, have proved their metal and have been recognized with various awards and honors. To bring to light their accomplishments,

- **Dr. G. Anusha**, HoD of Civil Department was awarded as the **IGEN Women Achiever 2021 under Clean Air & Water category**
- **Dr. Vishnu Kumar**, Associate Professor of Computer Science and Engineering is recognized as a **Research Professor** of Konkuk Aerospace Design Airworthiness Research Institute, Konkuk University.
- **Dr. R. Saravanakumar**, Assistant Professor of Civil Department is appreciated for his research as the **Outstanding Thesis in the field of concrete by Indian Concrete Institute**, Coimbatore Centre – Ultratech Awards 2020.
- **Dr. N. Udhayakumar**, Assistant Professor (Sr.G) of Mechanical Department is designated as the **Vice President (Student Operations) in ISHARE – Kovai Chapter**.
- **Dr. L. Rajesh Kumar**, Assistant Professor (Sr.G) of Mechanical Department is awarded as the **Best Researcher by Sarojini Research and Development Council**.
- **Mrs. V. Bhuvaneshwari**, Assistant Professor (Sr.G) of Mechanical Department is awarded as the **Preminent Researcher by Interdisciplinary Research for Sustainable Development (IRSD)- 2020**
- **Dr. A. K. Priya**, Associated Professor of Civil Department is **Enlisted in Pre Commission Course (PRCN)** at NCC Officers Training Academy (OTA), Gwalior. Awarded as the winner of Intercoy firing competition.
- **Mr. D. Mohan Kumar**, Assistant Professor of Mechanical Department & **Mr. G. Saravanan**, Assistant Professor of EEE Department, jointly secured 3rd prize in the National Level Competition on energy saving

Above all, I'm proud and elated to propagate the marvelous feat touched by our beloved and honorable Chairman, Dr. K.P. Ramasamy. His compassion towards community and nature is beyond comparison and as a guerdon of his gestures, he is bestowed with the "**Outstanding Philanthropist Award 2020**" from Lions Club, Coimbatore and he is also conferred with the award of "**Gem of Coimbatore**" by Rotaract Club of Coimbatore.

To add more, as a leader of a vibrant team and sharing the same spirit of our Chairman, I'm happy to state that as a Principal, I have been awarded as

- the Winner of **Tamil Nadu Women Achievers Award** under the category **Women in Academics** by The Brand Republic.
- Further, I am also shortlisted and featured in "The Academic Insights" under "**India's Top 20 Pragmatic Women Leaders in Education Industry**"
- Awarded as the winner of Career Change Makers Award under the category, "**Top Placement Ready Initiatives**"

The **Honours and titles** of mine and my team seems small and little, while enumerating the success stories of our **students**. Let me throw light upon the remarkable ones,

- Our **Team ARJUNA** bagged the **first place** in Tamil Nadu **SAE-NIS EFFI-CYCLE 2020**
- Our students bagged the **Green 9 Ensaver Award** from the IGEN - Green9 SDG Conclave 2020
- The Rotract Club and VIT nominated our students as the **Energy Ambassador of 2020** and we bagged the **third position in Tamil Nadu**
- The **KPR Spartans** and **KPR Captivators** of Mechanical Engineering received the **Golden Award** from Quality Circle Forum of India, Coimbatore.

- Our students bagged First Position in the **6th International Science festival**
- Our students team bagged the **best Qualifier and Best Presenters award** in **IIT – PALS InnoWAH Contest**
- The **Team Mars** secured **first place** in the Grand Finale of Designing Thinking Program by Taylors University, Malaysia
- Our students have participated in **Asia Book of Records** for launching “**100 Femto Satellite**” organized by APJ Abdul Kalam International Foundation, Space Zone India and The Martin Group
- The **KPRIET Women’s Badminton Team** has bagged the **1st Place** in **Anna University, Zone IX tournament for Women 2021.**
- The **KPRIET Men’s Kabbadi Team** were positioned **1st**, in **Anna University, Zone IX tournament for Men 2021.**
- The **KPRIET Men’s Volleyball Team** secured **1st Place** in **Anna University, Zone IX tournament for Men 2021.**
- The **KPRIET Men’s Basket Ball Team** secured **2nd Position** in **Anna University, Zone IX for tournament Men 2021.**
- **Mr. K. Rakesh Kumar**, IV ECE B, bagged **gold medal** in **Tamil Nadu State Traditional Wrestling Tournament** and the **Silver medal** in **TN Amateur Wrestling Championship.**
- **Mr. S. Nithin**, III CSE C, won **Gold Medal** at **Virudhunagar District Taekwondo Championship – 2021**
- **Mr. K. Darwin Balaji**, III ECE A, secured **first place** in **Peace Shuttle Badminton Tournament, Madurai**
- **Mr. G. Krishna Kumar**, I Mech B, won **Gold Medal** in **2MK Classic Open International Online TAKEWONDO CHAMPIONSHIP India 2020.**
- Our students bagged **3rd place** in **Chess Tournament organized by Anna University, Zone IX tournament** both in Men category and in Women category.
- Our Teams of our College is **Shortlisted** for the final round of **India International Science Fest Students Engineering Model Competition**

2020

- The Product, “**Autonomous Shuttle Vehicle**” is adjudged as **first in India International Science Festival, conducted by MoE and Ministry of Earth Science and Ministry of Health and Family Welfare.**
- The same Product “**Autonomous Shuttle Vehicle**” is recognised as the **Best Product by the KPIT Sparkle Scheme** promoted by Ministry of Education, Govt. of India.
- Our teams have been shortlisted for the next level in various other competitions and awards, such as **AICTE-CHHATRA VISWAKARMA AWARD** by AICTE; **Toycathon 2021** challenge by AICTE and Ministry of Education’s Innovation Cell; **Ventura** by NIT, Trichy and IIC National Innovation Contest.
- We have been shortlisted for the final round of **AICTE – IDEA Lab scheme worth 55 lakh.**
- **Awarded as the Best Rotaract Club** for the Zone 3202 (Tirupur Dt.) for conducting most number of events during quarantine and for flagship events like VARAM and EXTRA TIFFIN BOX.

Research and Development

As a research Institute, we have filed **37 patents**, out of which **36** have been **published** and **6 patents** have been granted. Further, we have a total of **206 Paper Publications** to our credit in Scopus and other reputed Journals. Adding more, we have been sanctioned with **grants** from AICTE – AQIS, ATAL, TNSCST and ISTE of **Rs. 25.64 lakhs**. Further, **19 Consultancy services** have been initiated and are carried out successfully generating around **5.5 lakhs**. We have developed **75 products** and have completed **12 IIC Activities and 18 EDC Activities** during this year. Further, Dr. Surendran of CSE developed an in-house moodle software titled “**DON- Data on Net**” for data storage and assessments. At this juncture, I would like to reinstate the magnanimity of our management as we have been funded with a **total of 5.3 Crores from the management.**

Higher Education by Faculty Members

The institution is sailing through with a **team of 228** competent and skillful faculty

members, out of which **93 are Ph.D holders, 89 are Pursuing Ph.D** and a very minimum of 46 have to register for the program. In the same vein, the quest for learning continues with the registration of **Post-Doctoral Fellowship by 4 faculty members** at reputed universities like **Czech Technical University, Prague, Czech Republic, University of ULOC, France and National Research Foundation of Korea (NRF), South Korea.**

Start –ups

Further, our Institution offers a helping hand for students to turn up as entrepreneurs by establishing a start- up unit titled “**HARWELL TECH**”, funded by Ministry of Micro, Small & Medium Enterprises (MSME) that produces the product MEDIDOC. **4K Technologies** is yet another Startup at KPRIET Incubation Center initiated by the students of Mechanical Engineering.

Students Participation

Learning is an unceasing activity for the KPRIETians even during the appalling pandemic and the manifestation of such relentless fervor reflects in the **8726 online courses** completed by our students during pandemic. Not only that they have been active participants in a total **3327 webinars, completed 28 value added courses**, participated in **389 Online contests, published 264 papers, presented 94 papers** in online conferences and seminars, **completed 124 projects** and all the more **published 2 patents**. Transforming students to employable graduates is the primordial mission of this Industry driven Institution. Keeping that in mind, the students have been exposed with the opportunity of serving as interns in top- notch organizations and for the record I would like to state that our students have served as **interns in 148 companies**.

Events Organized

During this academic year, the institution has widened the scope of learning through various methods and has phenomenally established possibilities for enriched learning experience. The institution has organized **450 webinars, 142 International Conferences, 18 STTP/ Workshops and Panel Discussions, 25 Faculty Development Programs, 16 Student development Programs, 24**

Awareness Programs and Camps, 85 Contests, 18 Value Added Courses, 12 Tech Talks, 19 Alumni Events, 7 Induction Programs and 5 Orientation Programs for students of various institutions and general public.

Liaison with Foreign Universities

In addition to the conduct of various events and programs, the institution has joined hands and has bridged the gap between education and employability. We have laid in roads to higher education and research by establishing liaison with foreign universities like

- Azerbaijan State Oil & Industry University
- ECOLE CENTRALE DE NANTES
- Taylors' University
- Xebia Academy Global
- DJ Education & Training
- Connect – KX, Germany (European Center for Knowledge Exchange)
Harran University, Turkey
- Kalinga Institute of Industrial Technology

Industry- Institute partnership & MoUs

Further, we have strengthened the Industry- Institute partnership in a more constructive and productive way, in tandem with the current scenario of employment. We have partnered with various organizations and to name a few,

- National Highways Authority of India (NHAI)
- Aravind Eye Hospital
- Royal Care Medical Centre
- Masonic Children's Hospital
- EKKI Pumps
- DSOL Global, Chennai
- EKM Leather Processing Company
- Vital Bio systems
- Sri Krishna Techno Components Private Ltd.
- Waxwing Medical System

- EXTERRO
- Sunshine Electronic Solutions
- SAI Incubation, Enthu Technologies solutions pvt. Ltd.
- Bosch India Pvt. Ltd.

Further, we have also associated ourselves with several professional bodies to impart interdisciplinary knowledge to students and offer them broadened exposure.

KPRIET Alumni Association

The KPRIET Alumni Association is yet another pillar of support that facilitates in imparting holistic education to the students. The Association was initiated in the year 2013 with a strength of 250, and it is operating harmoniously with a crew of 4899 Alumni from India and abroad. The Association was registered under section 10 of Tamil Nadu Societies on 7th February 2020, apart from the initiation of the UAE Alumni Chapter. The Activities of the Alumni Association has been outstanding and significant with the construction of lavatory at Kaduvetti Palayam and distribution of Sanitizer, masks and hand wash to frontline workers of 3 wards. In addition, the association has contributed about 125 books to our library and have contributed 14 articles on recent trends. Further, our Alumni association showcased their responsibility towards the society by donating 1 Lakh towards Tamil Nadu Chief Minister relief fund for Covid – 19.

COVID Pandemic Relief fund

The magnanimity of our management is colossal and humongous. The community service of the management is highly admirable and noble that I take pride in highlighting a few. Our beloved Chairman, Dr. K.P. Ramasamy has donated **Rs. 2 Crores** towards Tamil Nadu Chief Minister relief fund for COVID- 19. Apart from that, more than **3000 Liters of Sanitizers and Soap Oil** has been distributed to nearby villages. In addition, groceries like rice, oil, wheat, sugar etc. were offered to the nearby villagers to enrich their livelihood during pandemic. Further **50 Barricades** have been provided to the Coimbatore City Police for better transportation maintenance.

ISR Activities

Being compassionate towards the community is habitual and unabating endeavor of KPRIET. The NSS and UBA units of our institution serve selflessly and exceptionally by adopting five villages namely Rasipalayam, Kaduvetti Palayam, Masakoundan Chettipalayam, Kaliyapuram, Thekkampatti. Let me put forth few remarkable contributions of our NSS and UBA team. The volunteers of NSS and UBA have renovated the bus stops of Rasipalayam village and Kaduvetti palayam village. They have also renovated the school, created awareness on road safety and initiated the tree planting drive at Kaduvetti Palayam. Further, 60 herbal plants were planted at the KPR Herbal Garden and also 75 Sparrow cages were erected inside the KPR Campus. Having deliberated their philanthropic activities, I'm glad to specify that the community service of our NSS and UBA team is beyond limitation and comparison.

Scholarship Benefits

Considering the educational contribution and support, our management is providing scholarship worth **1 Crore, 17 lakhs** for meritorious students and are benefitted under various scholarship schemes such as KPR Scholarship Test, Merit Scholarship, Employer Scholarship, Sibling Scholarship and Sports Scholarship. Further, for **faculty welfare and development, a total of 22.25 lakhs** have been expended by the management.

Infrastructure and Laboratory establishment

The sprawling and spacious infrastructure is yet another marvel for outsiders. Needless to say, these stunning edifices are one of its kind and the students are sojourned in a well maintained hostel that is no less than a home. Further, we have state- of- art laboratory facilitates with advanced equipment and updated softwares. A total of **6 Crores** have been invested by the management for not only **establishing and revamping of laboratories** but also for software updation and technical advancements. Moreover, in order to facilitate the students in upskilling themselves, the management has expended a total of **6.78 lakhs for library** and **34.79 lakhs for sports Centre**.

In conclusion, I would like to specify that our diligent students and competent team

of faculty members have put their heart and soul in driving this institution to the next level. Needless to say, the accolades and laurels brought to us by the students and faculty members, deserve nothing more than a big round of applause and ovation. With this being said, I'm certain that the path of our success story is long and we have great heights to reach. By virtue of authority vested in me and with these mighty flock around, I guarantee that we would soar higher holding the flag of KPRIET with pride.