ANNUAL REPORT

(2017-2018)

1. INTRODUCTION

E.G.S. Pillay Engineering College is the first Engineering College at Nagapattinam District founded in the year 1995. It was affiliated to the Bharathidasan University, Trichy, till 2004. Presently, the College is affiliated to Anna University, Chennai. The College is established with the sole aim to provide a wholesome education to the students of Engineering and Technology. The college is located in a rural area and most of its students belong to middle, poor and under privileged class families. It is well laid out and it has well maintained campus spread over an area of 35 acres. The college is established by the great visionary (Late) Chevalier Dr. G.S. Pillay and administered by G.S. Pillay & Sons Charitable Trust, Nagapattinam. The trust presently runs seven educational institutions, technical and non-technical, catering to the knowledge requirement of the masses of this part of the Country.

In the Engineering College, there are 2254 students in U.G. Programmes and 327 in PG Programmes. Most of the students are from nearby Nagapattinam, Thiruvarur and Karaikal Districts. Very few are from other districts.

The college is a premier institution with a sound work ethic, dedication and reputation for, value based quality education with the total strength of 151 qualified Teaching Staff, 10 administrative staff, 43 Technical Staff and 33 supportive Staff. The academic and administrative affair of the college is governed by the Secretary, the Principal and HoDs. The college has a strong Alumni Association with a membership of over 7000 alumni and quite a few of them enjoy their placements abroad and occupy prominent positions in public life as well as in the society.

2. CURRICULAR ASPECTS

Our college is a multi faculty college. The college offers a wide range of subjects namely B.E. (Civil Engg.), B.E. (CSE), B.E. (EEE), B.E. (Mech. Engg.), B.E. (ECE), B.Tech. (IT), M.E. (Manufacturing Engineering), M.E. (Computer Science & Engineering), M.E. (Communication Systems), M.E. (Power Electronics & Drives), M.E. (Environmental Engineering), M.B.A., M.C.A and Ph.D Programmes in MECH., EEE, ECE & CSE. 7 courses have got permanent affiliation from Anna University, Chennai. The college follows the syllabus prescribed by the Anna University, Chennai. This year, the college got Autonomous status. So we have framed our own regulations and syllabus for first year students. The college has an inbuilt system of obtaining feedbacks from academic peers, and through the system of evaluation. Guest Lectures are periodically arranged and are delivered by eminent and experienced scholars from reputed Universities, Institutes of National importance, Industries and Public sector companies. The college has got ISO 9001:2008 certification from TuV NORD. The college is accredited by NAAC with 'A' grade. Three programmes namely B.E. (Mech), B.E. (CSE) and B.E. (EEE) are accredited by NBA. Also University Grants Commission (UGC) recognized our college by giving the status 2(F) and 12 (B). The college is recognized as Skiil Development Training Centers under

Dr. S. RAMABALAN, M.E., Ph.D.,
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E.G.S. Pillay Engineering College,
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Pradhan Mantri Kaushal Kendra (PMKK), Pradhan Mantri Kaushal Vikas Yojana (PMKVY) and Pradhan Mantri Yuva Yojana (PMYY) by central government for offering various skill development courses and entrepreneurship programmes.

3. TEACHING LEARNING AND EVALUATION

Students' performance and Commitment to learning are assessed with the conduct of periodical tests. The college supports the slow learners by conducting remedial courses for them. Fast learners are encouraged to organize and participate in seminars, innovative programmes and inter college competitive events. The college follows the continuous and cumulative assessment method, the details of which are communicated to all students. The overall pass percentage is 74 for the academic year 2015-2016 against the pass percentage of 73 for the academic year 2014-2015. So far, our students have secured 135 university ranks. 2015 batch students have secured 18 university ranks for which the medals are being presented on this occasion. In 2015 batch, 78% of students obtained first class while 24 students have secured distinction.

4. RESEARCH, CONSULTANCY AND EXTENSION

As a Hall mark to the course of intellectual events, every year the college is organizing international conferences. This year, we have conducted two IEEE sponsored international conferences namely 'International conference on IoT and Its Applications' and 'International conference on Innovative Research in Electrical Sciences' between 16.06.2017 and 17.06.2017. Two more international conferences have been conducted by our MBA and MCA departments. 210 research papers from subject experts all over India have been presented.

Last year, we have organized five international conferences namely 'International conference on Advances in Mechanical and Civil Engg.', 'International conference on Innovative Research in Electrical Sciences', 'International conference on Research and Development in Information, Communication and Technology', 'International conference on Applied Science, Mathematics and English & their applications', and 'International conference on Innovative Research in Management' between 27.05.2016 and 28.05.2016. Also we have conducted seven national conferences under the title 'National congress on Advances in Engineering, Science and Management -2016' on 30.3.2016. 510 research papers from subject experts all over India have been presented.

All faculty members are PG degree holders. The college encourages the faculty members to join in the research programmes. 41 doctorates are working here. 48 faculty members are pursuing their part-time Ph.D. Programme. All faculty members have published their research papers in National and International journals. This year 250 students have presented their research works in various National and International Conferences.

This year we have conducted two Anna University sponsored 7 days faculty development programmes on the topics "Mathematics II" and "Data Analytics". Important government sponsored programmes are 'Entrepreneurship awareness camps' sponsored by DST-NIMAT, New Delhi, 'Applications of Robotics and Automation in Indian Industries' and 'Challenges and Opportunities in Power Electronics Research (CHOPPER)' sponsored by Institution of Engineers, India. All of our departments are regularly executing consultancy projects for various government and private agencies. The total cost of consultancy projects completed in this year is Rs. 45 lakhs.

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Our college received the following prestigious awards in the academic year 2015-2016:

- "Engineering College of the year 2016" by Higher Education Review magazine
- Ranked for 7th place in Tamil Nadu & 24th place in India for excellent faculty by Higher Education Review magazine – July 2015
- ICTACT Academic Partner Excellence Award 2015 & 2016
- Google for Education Smart Administrator Smart Deployment Awards 2016
- Tamil Nadu Govt. appreciation for Organ Donation Camp –2017 2500 persons

 Last year, our college has signed MoU with Multi Media University, Malaysia and Fisheries University,
 Tamil Nadu. Our college has Centers of Excellence from ORACLE ACADEMY, AUTODESK, LABVIEW,
 PALOALTO, HCL TECHNOLOGIES, VMWARE IT ACADEMY, UTL TECHNOLOGIES, DELL EMC
 Corporation and ICT ACADEMY. The college has conducted various professional development programme
 such as IOT, Outcome Based Education, Matlab, Hardware trouble shooting, Ms Office, Data analytic using

R and workshop on fire and safety to enrich the knowledge of the staff members.

5. INFRA STRUCTURE AND LEARNING RESOURCES

Under the dynamic leadership of our Secretary, our college is growing from strength to strength. Our college has enough infrastructure facilities for providing good learning environment. The college owns adequate facilities for Sports and Games. To augment the sports and games among the staff and students, an Indoor stadium of a total cost of Rs. 2 crores has been constructed. At present, it consists of 4 badminton courts. Also we have constructed this auditorium which can accommodate an audience of 1200 persons. We have constructed a Basket ball court. The college has a fully computerized central library. It has more than 50,000 books, 57 national journals and 200 International Journals. 1650 books have been added to the college library in the academic year 2016 – 2017. The college is equipped with 64 Mbps internet connection & Wi-fi service and it is kept open for 24 hours. We are subscribing 200 international journals published by ASME, Elsevier and IEEE through our digital library. The annual subscription fee is Rs. 20 laksh. Digital library is created at a cost of Rs. 60 laksh. It has 60 computers and a server. NPTEL courses, IIT Bombay spoken tutorial courses and Anna University EduSat programmes are given to the staff and students through our digital library. Also, our college is recognized as a QIC nodal centre for conducting the above said courses by Centre for Faculty Development, Anna University, Chennai. The college administers disciplined and well administered hostels for boys and girls. There are 120 male inmates and 90 female inmates in the Hostels.

6. TRANSPORT FACILITIES

The college has a full-fledged transport system. The Transport cell of our college operates 55 buses covering 60km in all routes leading to our college campus. Every year we are adding 3 to 4 buses.

7. STUDENTS' CONTRIBUTION AND PROGRESSION

The college has a transparent admission process. The college admits students to different academic courses on the basis of their merit. Students are given scholarships that are offered to economically backward students.

The college has a regular training and placement centre. The T&P cell has arranged 159 placements to the students of various departments of our college for the academic year 2016-2017. Placement programmes by

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external agencies for all the students have been arranged for making them self confident in getting employed. 70% placement has been secured in this year. This year the students have been recruited by Tech Mahindra, Mobius Knowledge Service, Indoshell Moulding, IDBI Fedral, Ridsys, Datapattern, Aquasub, ATS, Sharda Motors, Sprunet, Vee Tech, Schneider Electrics, IVTL, KTV Health, Avalon, Hexaware BPS, etc.

The participation and success of our students in the zonal level and National level sports competitions in this year are exemplary. Students have won many prizes in Anna University Chennai, 'zone 15' tournaments. They are the Winner in Cricket and Table Tennis. Runner in chess, Basket Ball and Hand ball, Third place in table tennis. Fourth place in Badminton, Kabadi and Ball Badminton. In athletics, Silver medal in Triple Jump and 110m Hurdles. Bronze in Pole vault, long jump and Discuss throw. Totally 33 gold medals, 34 silver medals and 8 bronze medals got by our students. Also, the participation and success of our students in the inter-college and National level extracurricular activities are excellent.

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PRINCIPAL

E.G.S. Pillay Engineering College, Thethi. Narrow 611 002. Nagapattinam (Cr.) Tamil Nadu.

ANNUAL REPORT

(2018-2019)

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In the Engineering College, there are 2101 students in U.G. Programmes and 416 in PG Programmes. Most of the students are from Nagapattinam, Thiruvarur and Karaikal Districts. Very few are from other districts.

The college is a premier institution with a sound work ethic, dedication and reputation for, value based quality education with the total strength of 130 qualified Teaching Staff, 10 administrative staff, 56 Technical Staff and 102 supportive Staff. The academic and administrative affair of the college is governed by the Secretary, the Principal and HoDs. The college has a strong Alumni Association with a membership of over 7500 alumni and quite a few of them enjoy their placements abroad and occupy prominent positions in public life as well as in the society.

2. CURRICULAR ASPECTS

Our college is a multi faculty college. The college offers a wide range of subjects namely B.E. (Civil Engg.), B.E. (CSE), B.E. (EEE), B.E. (Mech. Engg.), B.E. (ECE), B.Tech. (IT), M.E. (Manufacturing Engineering), M.E. (Computer Science & Engineering), M.E. (Communication Systems), M.E. (Power Electronics & Drives), M.E. (Environmental Engineering), M.B.A., M.C.A and Ph.D Programmes in MECH., EEE, ECE & CSE. Seven courses have got permanent affiliation from Anna University, Chennai. The college follows the syllabus prescribed by the Anna University, Chennai. Last year, the college got Autonomous status. So we have framed our own regulations and syllabus for first and second year students. The college has an inbuilt system of obtaining feedbacks from academic peers, and through the system of evaluation. Guest Lectures are periodically arranged and are delivered by eminent and experienced scholars from reputed Universities, Institutes of National importance, Industries and Public sector companies. The college has got ISO 9001:2015 certification from TuV NORD. The college is accredited by NAAC with 'A' grade. Three programmes namely B.E. (Mech), B.E. (CSE) and B.E. (EEE) are accredited by NBA. Also University Grants Commission (UGC) recognized our college by giving the status 2(F) and 12 (B). The college is recognized as Skill Development Training Centers under Pradhan Mantri Kaushal Kendra (PMKK), Pradhan Mantri Kaushal Yikas Yõjana (PMKVY) and

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Pradhan Mantri Yuva Yojana (PMYY) by central government for offering various skill development courses and entrepreneurship programmes.

Our EDC cell conducted a 3-days Entrepreneurship Awareness Camp, a Workshop for Faculty on "IPRs & Patents", a WebPreneurship Programme, a 5 days Value added course on Entrepreneurship & Startups, a Skill Development Programme on CCTV Installation & Servicing and a workshop on Entrepreneurship Opportunities for MBA students. Seven new startup companies are started by our students. Also they got Rs. 1.5 laksh at SmartFifty2018 conducted by IIM Calcuta for a Startup idea on Bio plastic & Metered Cylinder. Under PMYY Scheme, our college received Rs. 9.2 Lakhs to introduce Curriculum based Course for Budding Entrepreneurs.

3. TEACHING LEARNING AND EVALUATION

Students' performance and Commitment to learning are assessed with the conduct of periodical tests. The college supports the slow learners by conducting remedial courses for them. Fast learners are encouraged to organize and participate in seminars, innovative programmes and inter college competitive events. The college follows the continuous and cumulative assessment method, the details of which are communicated to all students. The overall pass percentage is 75 for the academic year 2016-2017 against the pass percentage of 74 for the academic year 2015-2016. So far, our students have secured 151 university ranks. 2016 batch students have secured 16 university ranks for which the medals are being presented on this occasion. In 2016 batch, 70% of students obtained first class while 20 students have secured distinction.

4. RESEARCH, CONSULTANCY AND EXTENSION

As a Hall mark to the course of intellectual events, every year the college is organizing international conferences. This year, we have conducted an ICT Academy sponsored international conference namely 'International conference on Advances in Science, Engineering and Management' on 27.04.2018. 110 research papers from subject experts all over India have been presented.

Last year, we conducted two IEEE sponsored international conferences namely 'International conference on IoT and Its Applications' and 'International conference on Innovative Research in Electrical Sciences' between 16.06.2017 and 17.06.2017. Two more international conferences have been conducted by our MBA and MCA departments. 210 research papers from subject experts all over India have been presented.

All faculty members are PG degree holders. The college encourages the faculty members to join in the research programmes. 41 doctorates are working here. 48 faculty members are pursuing their part-time Ph.D. Programme. All faculty members have published their research papers in National and International journals. This year 200 students have presented their research works in various National and International Conferences.

Last year, we have conducted one AICTE sponsored two weeks FDP, one AICTE-ISTE sponsored one week FDP, two AICTE sponsored two days International workshops, one Anna University sponsored seven days FDP, three CSIR sponsored two days seminars, four Institution of Engineers (kolkata) sponsored two days seminars, one ONGC sponsored two days seminar and one TNSCST sponsored two days workshop. Further we received TNSCST project grant for seven student projects. Also we received AICTE sponsored MODROB scheme grant for our power electronics lab. Totally we received Rs.22 lakhs from various Government agencies.

All of our departments are regularly executing consultancy projects for various government and private agencies. The total cost of consultancy projects completed in this year is Rs. 25 lakhs. Ph.D.,
Dr. S. RAMABA 25 lakhs.

PRINCIPAL E.G.S. Pillay Engineering College, Thethi. Nagore - 611 002. Nagapattinam (Dt) Tamil Nadu.

Our college received the following prestigious awards in the last academic year:

- MHRD NIRF ranking 2018 best engineering colleges in India between 150-200.
- "Engineering College of the year 2016" by Higher Education Review magazine
- Received institution accreditation from Amazon web service for 5 years from 2018
- Falehforts academic partner recognition for 3 years from 2018
- ICT Academy best student engagement activity award 2018

Our college has signed MoU with South Eastern University, Sri lanka, Multi Media University, Malaysia and Fisheries University, Tamil Nadu. Our college has Centers of Excellence from ORACLE ACADEMY, AUTODESK, LABVIEW, PALOALTO, HCL TECHNOLOGIES, VMWARE IT ACADEMY, UTL TECHNOLOGIES, DELL EMC Corporation and ICT ACADEMY. The college has conducted various professional development programme such as Python Programming, Deep Dive into Embedded Interfaces, Embedded System, Photoshop, CNC programming, Web application development and workshop on Teaching inquiry for innovation to enrich the knowledge of the staff members.

5. INFRA STRUCTURE AND LEARNING RESOURCES

Under the dynamic leadership of our Secretary, our college is growing from strength to strength. Our college has enough infrastructure facilities for providing good learning environment. The college owns adequate facilities for Sports and Games. To augment the sports and games among the staff and students, an Indoor stadium of a total cost of Rs. 2 crores has been constructed. At present, it consists of 4 badminton courts. Also we have constructed this auditorium which can accommodate an audience of 1200 persons. We have constructed a Basket ball court. SJ Block second floor construction is going on. The college has a fully computerized central library. It has more than 51,106 books, 85 national journals and 575 International Journals. 903 books have been added to the college library in the academic year 2017 - 2018. The college is equipped with 64 Mbps internet connection & Wi-fi service and it is kept open for 24 hours. We are subscribing 475 international journals published by ASME, Elsevier and IEEE through our digital library. The annual subscription fee is Rs. 20 laksh. Digital library is created at a cost of Rs. 60 laksh. It has 60 computers and a server. NPTEL courses, IIT Bombay spoken tutorial courses and Anna University EduSat programmes are given to the staff and students through our digital library. Also, our college is recognized as a QIC nodal centre for conducting the above said courses by Centre for Faculty Development, Anna University, Chennai. The college administers disciplined and well administered hostels for boys and girls. There are 120 male inmates and 90 female inmates in the Hostels.

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The college has a regular training and placement centre. The T&P cell has arranged 334 placements to the students of various departments of our college for the academic year 2017-2018. Placement programmes by external agencies for all the students have been arranged for making them self confident in getting employed. 70% placement has been secured in last year. Last year the students have been recruited by Decathlon, Ionix,

Dr. S. RAMABAL N. M.E., Ph.D., PRINCIPAL E.G.S. Pillay Engineering College, That J. Names 611 002. Negepoteman. (DI, Jamii Nadu.

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Vernalis, Godbtech, Ridsys, Jasmin Infotech, Sysbiz, Schneider Electricals, ILM, LGB, Infant Engineers, JBM Auto systems, JM Fric tech, ACT corp, Zealous services, etc. Companies such as Paypal, IVTL Infoview, Gofrugal, American Mega trends, Global soft, etc visited our campus for their recruitment. Students' Mentorship programme "Ekalavya" and Students' club called "Minerva" are functioning under our T & P Cell.

Our students participated in Smart India hackathon, Trail head learnathon All India championship, All India Viswagarma award competitions, etc. They won the prizes like ICT Academy student project winner and Amazon gift voucher, etc.

The participation and success of our students in the zonal level and National level sports competitions in last year are exemplary. Our III year ECE student Ms.S.Sathya won bronze medal in All India Fencing Tournament by representing Anna University Fencing team. Students have won many prizes in Anna University Chennai, 'zone 15' tournaments. They are the Winner in Cricket (men), Badminton (men), Basketball (men) and Table Tennis (women). Runner in Table Tennis (men), Third place in Hand ball (men) and Basketball (women). In athletics, Gold medal in Triple Jump, Marathon and Javelin Throw. Silver medal in Long Jump, Pole Vault, Discuss Throw, Javelin Throw and 4X100m Relay. Bronze medal in 110m Hurdles. Totally 48 gold medals, 10 silver medals and 27 bronze medals got by our students.

Also, the participation and success of our students in the inter-college and National level extracurricular activities are excellent. Our students won 2nd and 6th place in National level Yoga competition held at Alagappa University. Our students won First prize in Group dance, Second prize in Miming, Variety dance, Quiz, Short Film taking and Third prize in group dance, western group dance, fashion show, etc. They won overall 3rd place in Cultural competitions held at Annai College, Kumbakonam.

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ANNUAL REPORT

(2019-20)

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In the Engineering College, there are 2332 students in U.G. Programmes and 444 in PG Programmes. Most of the students are from Nagapattinam, Thiruvarur and Karaikal Districts. Very few are from other districts.

The college is a premier institution with a sound work ethic, dedication and reputation for, value based quality education with the total strength of 119 qualified Teaching Staff, 19 administrative staff, 44 Technical Staff and 95 supportive Staff. The academic and administrative affair of the college is governed by the Secretary, the Principal and HoDs. The college has a strong Alumni Association with a membership of over 8100 alumni and quite a few of them enjoy their placements abroad and occupy prominent positions in public life as well as in the society.

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4. RESEARCH, CONSULTANCY AND EXTENSION

As a Hall mark to the course of intellectual events, every year the college is organizing international conferences. This year, we have conducted an International conference namely 'International conference on Advances in Science, Engineering and Management (ICASM 2019)' on 29 & 30.03.2019. 55 research papers from subject experts all over India have been presented. Last year, we conducted an ICT Academy sponsored international conference namely 'International conference on Advances in Science, Engineering and Management (ICASM 2018)' on 27.04.2018. 110 research papers from subject experts all over India have been presented.

All faculty members are PG degree holders. The college encourages the faculty members to join in the research programmes. 41 doctorates are working here. 48 faculty members are pursuing their part-time Ph.D. Programme. All faculty members have published their research papers in National and International journals. This year 105 students have presented their research works in various National and International Conferences. Few of our faculty members attended international symposium and conferences in foreign countries like Malysia, Sinagpore, Thiland and Sri Lanka. Two faculties received TNSCST Travel Grant for attending a conference held at South Eastern University of Sri Lanka.

Last year, we have conducted 03 Institution of Engineers (kolkata) sponsored FDPs, two ISTE sponsored two days FDPs on OBE. We received financial assistance for two students' projects from TNSCST. Also, 18 students received best project award from ISTE, New Delhi.

All of our departments are regularly executing consultancy projects for various government and private agencies. The total cost of consultancy projects completed in last year is Rs. 25 lakhs.

Our college received the following prestigious awards in the last academic year:

- Institution accreditation from Amazon web service for 5 years from 2018
- Falehforts academic partner recognition for 3 years from 2018
- ICT Academy best student engagement activity award 2018
- ICT Academy Best Practices Student Engagement Category.
- Cyber Security Centre of Excellence from Palo Alto.
- Amazon Web Services Cloud Literacy Day
- Sales Force Trail Head of Learnathon

Our college has signed MoU with South Eastern University, Sri lanka, Multi Media University, Malaysia and Fisheries University, Tamil Nadu. Our college has Centers of Excellence from ORACLE ACADEMY, AUTODESK, LABVIEW, PALOALTO, HCL TECHNOLOGIES, VMWARE IT ACADEMY, UTL TECHNOLOGIES, DELL EMC Corporation and ICT ACADEMY. The college has conducted various professional development programme such as Applications os statistical tools in Management Research, Online webinar on Rectangular Tunnel Boring Machine, Securities Markets on-Hand, Deep learning Hands on training on hardware and troubleshooting, Electronics Devices applications and Workshop on "How to write an research paper"to enrich the knowledge of the staff members.

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Under the dynamic leadership of our Secretary, our college is growing from strength to strength. Our college has enough infrastructure facilities for providing good learning environment. The college owns adequate facilities for Sports and Games. To augment the sports and games among the staff and students, an Indoor stadium of a total cost of Rs. 2 crores has been constructed. At present, in consists of 4 badminton courts. Also we have constructed this auditorium which can accommodate an audience of 1200 persons. We have constructed a Basket ball court. SJ Block second floor construction is going on The college has a fully

PRINCIPAL

computerized central library. It has more than 51,784 books, national journals-20 (hard copy) & 300 (soft copy) and International Journals- 79 (hard copy) & 594 (soft copy). 900 books have been added to the college library in the academic year 2018 – 2019. We are subscribing 594 international journals published by ASME, ASCE, Elsevier and IEEE through our digital library. The annual subscription fee is Rs. 25 laksh. Digital library is created at a cost of Rs. 60 laksh. It has 60 computers and a server. NPTEL courses, IIT Bombay spoken tutorial courses and Anna University EduSat programmes are given to the staff and students through our digital library. The college is equipped with 100 Mbps internet connection & Wi-fi service and it is kept open for 24 hours. The college administers disciplined and well administered hostels for boys and girls. There are 120 male inmates and 90 female inmates in the Hostels.

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The college has a transparent admission process. The college admits students to different academic courses on the basis of their merit. Students are given scholarships that are offered to economically backward students.

The college has a regular training and placement centre. The T&P cell has arranged 229 placements to the students of various departments of our college for the academic year 2018-2019. Training programmes have been conducted by external training institutes such as Ways2open, Silicon software as well as our Internal team of trainers for making them self confident in getting employed. Nearly 70 % of eligible students got placement in this year. Companies like Wipro, Vernalis, Paypal, Vernalis, Godbtech, Ridsys, Jasmin Infotech, Syrma, Schneider Electricals, ILM, Gestamp, visited our campus for their recruitment and our students also got off campus placement in TCS, L&W, Chendur Infrasturure, MSN construction, etc. Student club called Minerva is also functioning under Training and Placement cell.

Our EDC cell conducted the following programmes in AY 2018-2019: CCTV Installation, Idea Challenge, Entrepreneurship Opportunities for MBA students, Awareness Programme on Business Management, Start-Up Awareness Programme, two Entrepreneurship Awareness Camps, Workshop on Starting a business, Loan Schemes, Entrepreneurship Opportunities in Food & Beverages Secor [IIFPT], Innovative Project Idea Contest, etc.

Through our EDC, Our students participated in World Skills Regional Competition in Bhubanesvar, Stay Nature (Shortlisted for Top 400 of SMARTFIFTY2018 and ensured rewards worth Rs. 1,00,000), Smart Weigh (Shortlisted for Top 3000 of SMARTFIFTY2018 Contest and ensured rewards worth Rs.50,000), Hexagon Hardwares (Shortlisted for the Grand Finale of Smart India Hackathon 2017), AgriBot (Shortlisted for the Grand Finale of Smart India Hackathon 2018).

Four Projects Selected for presentation in AICTE Smart India Hackathon 2018-2019. Two Projects got AICTE Chatra Viswarkama Award 2018-2019. Two Projects selected for ISTE Student project scheme. 1000 students successfully registered for Skill Saathi Programme of Government of India. 120 students received Oracle PL/SOL Certification from Oracle Academy. 10 students had internship at Amazon Company, Chennai. 60 students got Oracle Java Certification from Oracle Academy. On Sales force Super Batch earning day, 10 students selected for Sales force Training. Our students participated in All India Viswagarma award competitions. Also, they won the prizes like ICT Academy student project winner and Amazon gift voucher, etc.

The participation and success of our students in the zonal level and National level sports competitions in AY 2018-2019 are exemplary. One of our student secured 4th place in All India Inter-University Fencing Tournament by representing Anna University Fencing team. Our students have won many prizes in Anna University Chennai, 'Zone 15' tournaments. They are the Winner in Cricket (men), Badminton (men), Chess (women) and Table Tennis (women). Third place in Badminton (women). In athletics, Gold medal in Triple Jump(men), Long Jump(men), 4X100m Relay(men), Triple Jump (women), Shot Put (women), Half marathon

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(women), Silver medal in Javelin Throw(men), 200m race (men), Long Jump (women) and 200m race (women) and Bronze medal in 100m race(men), 200m race(men), Javelin throw (women), Half marathon (women), 4X100m relay race (women) and 400m Hurdles(men). Totally 47 gold medals, 13 silver medals and 16 bronze medals got by our students. In Anna University inter-zonal fencing tournament for women, our students won three gold medals, six silver medals and four bronze medals. In PITS-SPORTIVA 2018, our students won Silver medal in fencing and bronze medal in fencing and table tennis. In Chief Minister Trophy competitions, our students won 12 medals in volleyball (men & women), Kabadi (men) and Athletics games.

Also, the participation and success of our students in the inter-college and National level extracurricular activities are excellent. Our students participated and won prizes in PICFEST-2019 (conducted by Prime College, Kilvelur) and Cultural fest conducted by Vidiyal Education trust, Madurai, etc. Also, they won overall 3rd place in Cultural competitions held at Annai College, Kumbakonam.

ATTESTED

OF, S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL

E.G. S. Billan Engineering College

E.G.S. Pillay Engineering College, Thorni Nagare - 511 002. Nagapatkwam (Dr) Tanni Nadu.

ANNUAL REPORT

(2020-21)

1. INTRODUCTION

E.G.S. Pillay Engineering College is the first Engineering College at Nagapattinam District founded in the year 1995. The College is affiliated to Anna University, Chennai and approved by AICTE, New Delhi. The College is established with the sole aim to provide a wholesome education to the students of Engineering and Technology. The college is located in a rural area and most of its students belong to middle, poor and under privileged class families. It is well laid out and it has well maintained campus spread over an area of 25 acres. The college is established by the great visionary (Late) Chevalier Dr. G.S. Pillay Ayya and administered by G.S. Pillay & Sons Charitable Trust, Nagapattinam. The trust presently runs 10 educational institutions, technical and non-technical, catering to the knowledge requirement of the masses of this part of the Country.

2. CURRICULAR ASPECTS

Our college is a multi faculty college. The college offers a wide range of programmes namely B.E. (Civil Engg.), B.E. (CSE), B.E. (EEE), B.E. (Mech. Engg.), B.E. (ECE), B.E. (BME), B.Tech. (IT), B.Tech. (CSBS), M.E. (Manufacturing Engineering), M.E. (Computer Science & Engineering), M.E. (Communication Systems), M.E. (Power Electronics & Drives), M.E. (Environmental Engineering), M.B.A., M.C.A and Ph.D Programmes in CIVIL, MECH., EEE, ECE & CSE. Seven programmes have got permanent affiliation from Anna University, Chennai. In 2017, the college got Autonomous status. So we have framed our own Regulations and Syllabus for all year students. The college has an inbuilt system of obtaining feedbacks from academic peers, and through the system of evaluation. Guest Lectures are periodically arranged and delivered by eminent and experienced scholars from reputed Universities, Institutes of National importance, Industries and Public sector companies. The college has got ISO 9001: 2015 certification from TuV NORD. The college is accredited by NAAC with 'A' grade. Six programmes namely B.E. (Mech), B.E. (CSE), B.E. (EEE), B.E. (ECE), B.E. (CIVIL) and B.Tech. (IT) are accredited by NBA. Now we have applied for renewal of NBA accreditation. University Grants Commission (UGC) recognized our college by giving the status 2(F) and 12 (B). Also the college is recognized as a Skill Development Training Center under Tamil Nadu Skill development Corporation for offering various skill development courses.

3. TEACHING, LEARNING AND EVALUATION

Due to Covid 19, All the teaching learning process conducted through online. The examinations were conducted through online mode. Our COE team takes care of all the examinations through online and the published the results.

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4. CONFERENCES AND FDP

Faculty members are encouraged to participate in conferences, seminars and FDP through online mode. The college has conducted various professional development programme such as Hands on training on AV/VR for Biomedical Application, Workshop on PLC, Effective Communication, Introduction to Securities Market, Online Workshop on Computer Networks and workshop on "Effective classroom management" to enrich the knowledge of the staff members.

ATTESTED

PR. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL

F. S. Billmy Engineering College,
Theini, Nagara, 6541 (102).

Hazapatinan (DI) TamiliNadu.

ANNUAL REPORT

(2021-22)

1. INTRODUCTION

E.G.S. Pillay Engineering College is the first Engineering College at Nagapattinam District founded in the year 1995. The College is affiliated to Anna University, Chennai and approved by AICTE, New Delhi. The College is established with the sole aim to provide a wholesome education to the students of Engineering and Technology. The college is located in a rural area and most of its students belong to middle, poor and under privileged class families. It is well laid out and it has well maintained campus spread over an area of 25 acres. The college is established by the great visionary (Late) Chevalier Dr. G.S. Pillay Ayya and administered by G.S. Pillay & Sons Charitable Trust, Nagapattinam. The trust presently runs 10 educational institutions, technical and non-technical, catering to the knowledge requirement of the masses of this part of the Country.

In the Engineering College, there are 2513 students in U.G. Programmes and 492 in PG Programmes. Most of the students are from Nagapattinam, Myladuthurai, Thiruvarur and Karaikal Districts. Very few are from other districts.

The college is a premier institution with a sound work ethic, dedication and reputation for, value based quality education with the total strength of 210 qualified Teaching Staffs, 25 administrative staffs, 36 Technical Staffs and 105 supportive Staffs. The academic and administrative affair of the college is governed by the Chairman, Advisor, Secretary, Joint Secretary, Principal, Deans, Directors and HoDs. The college has a strong Alumni Association with a membership of over 10100 alumni and quite a few of them enjoy their placements abroad and occupy prominent positions in public life as well as in the society.

2. CURRICULAR ASPECTS

Our college is a multi faculty college. The college offers a wide range of programmes namely B.E. (Civil Engg.), B.E. (CSE), B.E. (EEE), B.E. (Mech. Engg.), B.E. (ECE), B.E. (BME), B.Tech. (IT), B.Tech. (CSBS), M.E. (Manufacturing Engineering), M.E. (Computer Science & Engineering), M.E. (Communication Systems), M.E. (Power Electronics & Drives), M.E. (Environmental Engineering), M.B.A., M.C.A and Ph.D Programmes in CIVIL, MECH., EEE, ECE & CSE. Seven programmes have got permanent affiliation from Anna University, Chennai. In 2017, the college got Autonomous status. So we have framed our own Regulations and Syllabus for all year students. The college has an inbuilt system of obtaining feedbacks from academic peers, and through the system of evaluation. Guest Lectures are periodically arranged and delivered by eminent and experienced scholars from reputed Universities, Institutes of National importance, Industries and Public sector companies. The college has got ISO 9001: 2015 certification from TuV NORD. The college is accredited by NAAC with 'A' grade. Six programmes namely B.E. (Mech), B.E. (CSE), B.E. (EEE), B.E. (ECE), B.E. (CIVIL) and B.Tech. (IT) are accredited by NBA. Now we have applied for renewal of NBA accreditation. University Grants Commission (UGC) recognized our college by giving the

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status 2(F) and 12 (B). Also the college is recognized as a Skill Development Training Center under Tamil Nadu Skill development Corporation for offering various skill development courses.

3. TEACHING, LEARNING AND EVALUATION

Students' performance and commitment to learning are assessed with the conduct of periodical tests and other activities. The college supports the slow learners by conducting remedial courses for them. Fast learners are encouraged to organize and participate in seminars, innovative programmes and inter college competitions. The college follows some continuous and cumulative assessment methods for awarding marks, the details of which are communicated to all students. Our COE team takes care of them. The overall pass percentage is 83 for the academic year 2020-2021 against the pass percentage of 75 for the academic year 2019-2020. So far, our students have secured 185 university ranks. In 2018-19 and 2019-20 batches, approximately 90% of students got first class while 10% students have secured distinction.

4. RESEARCH, CONSULTANCY AND EXTENSION

As a Hall mark to the course of intellectual events, every year the college is organizing International conferences. In last two years, we have conducted two International conferences namely 'IEEE International conference on Advances in Science, Engineering and Management (IEEE-ICASEM) 2020 & 2021'. In IEEE-ICASEM 2021, 120 research papers from subject experts all over India have been presented. 12 experts gave their keynote address.

All faculty members are PG degree holders. The college encourages the faculty members to join in the research programmes. 60 doctorates are working here. 51 faculty members are pursuing their part-time Ph.D. Programme. All faculty members have published their research papers in National and International reputed journals. This year 123 students have presented their research works in various National and International Conferences. Also 151 faculty members presented papers in various International conferences. Also they have published their good quality papers in various SCI, SCIE, Scopus and Web of Science indexed journals. 162 papers have been published in last two years.

In Last 2 years, we have conducted one Anna University sponsored FDP, 03 Institution of Engineers (kolkata) sponsored programmes, one AICTE sponsored ADAL FDP, one AICTE SPICES TNSCST-DIT sponsored awareness scheme awareness programme and a Dr.S.Chandrasekar (CEO) sir conducted two DST-NCSTC sponsored awareness programmes for nearby school students. Financial assistance got for conducting those programmes is Rs. 50.8 lakhs. Dr. S. Appavu (CSE) got a research grant from DST in SERB ECRA scheme. Project cost is Rs.28.6 lakhs. Also he got a research grant from DST in ICSSR IMPRESS scheme. Project cost is Rs.14.9 lakhs. Dr. M. Chinnadurai (CSE) got a research grant from AICTE in RPS scheme. Project cost is Rs.15.07 lakhs. I got a research grant from TNSCST in S&T projects scheme. Project cost is Rs.3.75 lakhs. Prof.K.Nandhakumar (EEE) and Prof.Anbarasan (civil) got Rs.15000 from TNSCST in students' project scheme.

All of our departments are regularly executing consultancy projects for various government and private agencies. The total cost of consultancy projects completed in last 2 years is Rs. 53 lakhs. Our college received the following prestigious awards in the last academic year:

MHRD Green champion award 2020

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- Best social activities institution award 2020 from Tamil Nadu government
- Best NSS Unit award 2020 from Anna University, Chennai

Our college has signed MoU with South Eastern University, Sri Lanka, Multi Media University, Malaysia, NIT, Trichy and Fisheries University, Tamil Nadu. In last 2 years, we have conducted nine collaborative programmes through these MoUs. The college has conducted various professional development programme such as Business Models Prototyping, troubleshooting of electrical equipments(TREE"22), AUTO CAD, Hands on training on ICU Equipments, Financial Investment Programmeand workshop "Stress and time management" to enrich the knowledge of the staff members.

5. INFRA STRUCTURE AND LEARNING RESOURCES

Under the dynamic leadership of our management team, our college is growing from strength to strength. Our college has enough infrastructure facilities for providing good learning environment. The college owns adequate facilities for Sports and Games. To augment the sports and games among the staff and students, an Indoor stadium of a total cost of Rs. 2 crores has been constructed. At present, it consists of 4 badminton courts. Also we have constructed an auditorium which can accommodate an audience of 1200 persons. We have constructed a Basket ball court. Recently SJ Block second floor was constructed. The college has a fully computerized central library. It has more than 53,163 books, national journals- 20 (hard copy) & 300 (soft copy) and International Journals- 79 (hard copy) & 594 (soft copy). 1030 books have been added to the college library in the academic year 2019 – 2020. We are subscribing 594 international journals published by ASME, ASCE, Elsevier and IEEE through our digital library. The annual subscription fee is Rs. 25 lakhs. Digital library is created at a cost of Rs. 60 laksh. It has 60 computers and a server. NPTEL courses and MOOC courses are given to the staff and students through our digital library. In last 2 years, 255 students and staffs were completed various MOOC courses like NPTEL. The college is equipped with 350 Mbps internet connection & Wi-fi service and it is kept open for 24 hours. The college administers two disciplined and well administered hostels for boys and girls. There are 120 male inmates and 90 female inmates in the Hostels.

6. TRANSPORT FACILITIES

The college has a full-fledged transport system. The Transport cell of our college operates 62 buses covering 60kms in all routes leading to our college campus. Every year, we are adding 1 or 2 buses.

7. STUDENTS' CONTRIBUTION AND PROGRESSION

The college has a transparent admission process. The college admits students to different academic courses on the basis of their merit. Students are given scholarships that are offered to economically backward students.

The college has a regular training and placement centre. The T&P cell arranged 494 and 516 placements to the students of various departments of our college in the academic year 2019-20 and 2020-21 respectively. Training programmes have been conducted by external training institutes such as e-box and by our Internal team of trainers for making the students self confident in getting employed. Nearly 92 % of eligible students got placement in this year. In last 2 years, Companies like TCS, Infosys, Wipro, Mphasis, Cognizent, CapeGemini, Intellect, L&T EduTech, Tata ELXSI, Varam, Hexaware, Mallow, Appranix, FULL, Pinacle InfoTech, ACIES, VIR Solutions, QUEST, Soft Square,

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VinsInfo, FACE Prep, GoDB Tech, Mobius, CIEL, Webbrax, Focus EduMatics, Black Stone Group, SYSNAUTIX, TVS Sundaram Fasteners, etc have recruited our students. We have conducted a Campus Connect programme with 17 industry experts in our campus on 12.10.2019. A student club called Minerva is also functioning under Training and Placement cell. It conducts various events. Also, our institution has signed MoUs with various training academies for training our students. Our EGSPJ academy conducted 4 programmes related to preparation for TNPSC exams, UPSC exams and Bank exams.

Our EDC cell conducted many programmes for inculcating an entrepreneurnial skill among the students. In last 2 years: 6 programmes have been conducted. 25 entrepreneurners have been produced. 21 start-up companies have been launched. In 2019, one IT department students group got AICTE Viswakarma Bast project award. In 2019 AICTE Smart India Hackathon, 8 project groups have been participated. 4 projects have been selected. In 2020 AICTE Smart India Hackathon, 8 project groups have been participated. 2 projects have been selected.

The participation and success of our students in zonal level and National level sports competitions in AY 2019-20 and AY 2020-21 are exemplary. One of our student won National level champion in Silambam competition in 2019.

In AY 2019-20, our students have won many prizes in Anna University Chennai, 'Zone 15' tournaments. They are the Winner in Ball badminton (men), Badminton (men), Basket Ball (men) and Chess (women). They are runner in Table tennis (women) and Handball (men). Got Third place in Chess (men), Table tennis (men) and volleyball (men). Secured Fourth place in Athletics overall (men & women) and Cricket (men).

In AY 2020-21, our students have won many prizes in Anna University Chennai, 'Zone 15' tournaments. They are the Winner in Ball badminton (men), Basket Ball (men) and Chess (men). They are runner in Vollyball (men) and Kabadi (men). Got Third place in Chess (women). Secured Fourth place in Badminton (women) and Cricket (men). In athletics, gold medals in triple jump, long jump, 100m, 200m, 4x100 relay, 400m hurdles. Silver medals in javelin throw, triple jump. Bronze medals in best physique(m), 100m hurdles, 200m, 800m, javelin throw, 4x100m relay. Our student Mr.Sabarinathan (CSE) made two Guinness records in Sea swimming competition.

Also, the participation and success of our students in the inter-college and National level extracurricular activities are excellent.

8. CONCLUSION

Today on this occasion of the twenty first graduation day, there are 398 under graduates and 377 Post graduates obtaining their prestigious degrees. 21 of them are Rank holders. I take this opportunity to thank the founder Chairman (Late) Dr. Chevalier G.S. Pillay Ayya, our college present chairman Mrs. Jothimani G.S. Pillay Amma, Our trust Advisor Chevalier Shri.S.Paremesvaran sir, Secretary Shri.S.Senthilkumar sir, Joint Secretary Shri.S. Sankar Ganesh sir, trust members, the chief guests: Dr. R. Jayavel sir, Dean, Alagappa College of Technology, Anna University and Shri. S. Rathinavel Rajan sir, Asia Regional HR Head, Ball Corporation, faculty members, beloved graduates and their parents for their august presence on this memorable occasion. I would like to conclude my presentation with a couplet from Thirukkural

The meaning of this couplet is "Learning is the true imperishable riches; all other things are not riches".

கேடில் விழுச்செல்வம் கல்வி யொருவற்கு

மாடல்ல மற்றை யவை.

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E.G.S. Pillay Engineering College, Thethi, Nagore - 611 002. Nagapattinam (Dt) Tamil Nadu. Thank you very much.

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