

	MANDATORY DISCLOSURE		1/03/2021
1.	NAME OF THE INSTITUTION	:	Kongunadu Polytechnic College,
	ADDRESS OF THE INSTITUTION, Mobile, E-mail	:	D.Gudalore(Post),Gujiliamparai Taluk, Karur District – 624620. e-mail: knpcprincipal2010@gmail.com Website: www.kongunadugdr.com
2.	Name and address of the Trust/ Society/ Company and the Trustees	:	Kongu Educational Charitable Trust
	Address including Telephone, Mobile, E-mail		No.3/107,Manathi(Post), Tiruchengode Taluk, Namakkal Dist. Phone: 8489936691 E-mail: kongunadupolytechnic@gmail.com
3.	Name and Address of the Vice-Chancellor/ Principal/ Director	:	Mr.SANKAR RAJAN PRINCIPAL
	Address including Telephone, Mobile, E-mail		D.Gudalore(Post),Gujiliamparai Taluk, Karur District – 624620. e-mail: kongunadugdr@gmail.com
4.	Name of the affiliating University		Directorate Of Technical Education, Chennai
5.	Governance	:	
	Members of the Board and their brief background		Enclosed in Annexure I
	Members of Academic Advisory Body	:	Enclosed in Annexure II
	Frequently of the Board Meeting and Academic Advisory Body	:	Once in a Semester
	Organizational Chart and Processes		Enclosed in Annexure III
	Nature and Extent of involvement of Faculty and students in academic affairs/improvements	:	Yes
	Mechanism/ Norms and Procedure for democratic/ good Governance	:	Yes
	Student Feedback on Institutional Governance/ Faculty performance	:	Yes
	Grievance Redressal mechanism for Faculty, staff and students	:	Yes
	Establishment of Anti Ragging Committee	:	Yes
	Establishment of Online Grievance Redressal Mechanism	:	Yes

	Establishment of Grievance Redressal Committee in the Institution and Appointment of OMBUDSMAN by the University	:	Yes
	Establishment of Internal Complaint Committee (ICC)	:	Yes
	Establishment of Committee for SC/ST	:	Yes
	Internal Quality Assurance Cell	:	Yes

6. Programmes

Name of Programmes approved by AICTE

S.No.	Programme Name
1.	Diploma in Civil Engineering
2.	Diploma in Mechanical Engineering
3.	Diploma in Electrical and Electronics Engineering
4.	Diploma in Electronics and communication Engineering

Name of Programmes Accredited by AICTE : DIPLOMA

For each Programme the following details are to be given:

S. No.	Course Name	No. of Seats	Duration	Cut Off Marks	Fee / Year	Placement Facilities	Min Salary In Lakhs	Max Salary In Lakhs	Average Salary In Lakhs
1.	DCE	60	3 Years		Rs. 35000	YES	1.0	2.0	1.5
2.	DME	150	3 Years		Rs. 35000	YES	1.0	2.0	1.5
3.	DEEE	120	3 Years		Rs. 35000	YES	1.0	2.0	1.5
4.	DECE	60	3 Years		Rs. 35000	YES	1.0	2.0	1.5

9. Fee Details of fee, as approved by State Fee Committee, for the Institution

S. No.	Name of the Course	Fee fixed by the Committee Rs.	Remarks
1.	DIPLOMA	Rs. 35000/-	The fee is all inclusive annual fee including various fees like tuition fee, Admission fee, Special fee. Laboratory / Computer / Internet Fee, Library, Sports Fee, Placement and Training Fee, Maintenance and Amenities Fees, Extra –Curricular activities fees and other Recurring expenditure.

- Time schedule for payment of fee for the entire programme: Every Semester
- No. of Fee waivers granted with amount and name of students

- Number of scholarship offered by the Institution, duration and amount

CATEGORY	2018-2019		2019-2020		2020-2021		2021-2022	
	Total Nos.	Amount	Total Nos.	Amount	Total Nos.	Amount	Total Nos.	Amount
District Adi-Dravidar Welfare Officer (SC, ST & SC)	194	63,80,000	205	71,75,000	185	64,75,000	157	54,95,000

10. Admission

Number of seats sanctioned with the year of approval

S.No	Programme Name	Intake
1.	Diploma in Civil Engineering	60
2.	Diploma in Mechanical Engineering	150
3.	Diploma in Electrical and Electronics Engineering	120
4.	Diploma in Electronics and Communication Engineering	60

No. of Students admitted under various categories each year in the last three years

S. No.	Academic year	Category	No .Of Students
1.	2019-2020	OC	61
2.		BC	41
3.		BCM	06
4.		MBC	30
5.		SCA	05
6.		SC	25
7.		ST	02
8.	2020-2021	OC	58
9.		BC	25
10.		BCM	00
11.		MBC	23
12.		SCA	2
13.		SC	20
14.		ST	1
15.	2021-2022	OC	39
16.		BC	34
17.		BCM	0
18.		MBC	22
19.		SCA	07
20.		SC	17
21.		ST	0

11. Admission Procedure

I Year (Regular)

Admission to the Polytechnic College for the three-year Full Time Diploma course is done strictly on the basis of marks scored in the SSLC examination and as per the reservation policy of the Government of Tamil Nadu for OC, BC, MBC, SC & ST candidates.

Lateral Entry

Direct admission to the second year of the course is also made from those who have passed the Higher Secondary Course (Academic and Vocational), 10th, +2 Years ITI. Admission under this category is restricted to 10% of the regular intake of students. Here too, the admission is made on the basis of merit and the reservation policy of the State Government.

Reservation Policy

OC	BC (others)	BC(Muslim)	MBC	SC	SC (A)	ST
31 %	26.50%	3.5%	20%	15%	3%	1%

12. Criteria and Weightages for Admission

Describe each criterion with its respective weightages i.e. Admission Test, marks in qualifying examination etc.

Students are admitted into various Diploma Programmes as per the norms of Directorate of Technical Education, Chennai.

Government Quota : 50% of the sanctioned Strength

Management Quota : 50% of the sanctioned Strength

Mention the minimum level of acceptance, if any

Sl. No.	Programme	Duration	Eligibility
1.	Diploma in Engineering and Technology	3 years	Passed 10th Std./ SSC examination. Obtained at least 35% marks in the qualifying examination.
2.	Lateral Entry to Second Year Diploma	2 years	Passed 10+2 examination with Physics/ Mathematics / Chemistry/ Computer Science/Electronics/Information Technology/ Biology/Informatics Practices/ Biotechnology/ Technical Vocational subject/ Agriculture/ Engineering Graphics/ Business Studies/Entrepreneurship (Any of the three). OR 10 th + (2 years ITI) with appropriate Trade in that order shall be eligible for admission to Second Year Diploma Course(s) of appropriate Programme. (The Affiliating Body will offer suitable bridge courses such as Mathematics, Physics, Engineering drawing, etc., for the students coming from diverse backgrounds to achieve desired learning outcomes of the programme)

13. List of Applicants

List of candidate whose applications have been received for 2021-2022 Quota wise

SL. NO	Name of Branch	OC (Other Community)		BC (Others)		BC (Muslims)		MBC/DNC		SC (O)		SC (Arunthathiar)		ST		Total Admitted		Grand Total		
		B	G	B	G	B	G	B	G	B	G	B	G	B	G	B	G			
1	CIVIL ENGINEERING	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	01	0	01
2	MECHANICAL ENGINEERING	0	0	21	0	0	0	14	0	26	0	7	0	0	0	0	0	68	0	68
4	ELECTRICAL & ELECTRONICS ENGG	0	0	14	0	0	0	09	0	17	0	4	0	0	0	0	0	44	0	44
5	ELECTRONICS & COMMUNICATION ENGG	0	0	1	1	0	0	0	0	1	1	2	0	0	0	0	0	04	02	06
TOTAL		0	0	36	1	0	0	24	0	44	1	13	0	0	0	0	117	02	119	

14. Results of Admission Under Management seats/Vacant seats:

Not Applicable

15. a. Information of Infrastructure and Other Resources Available

ADMINISTRATIVE AREA

Room No.	Room type (mention Class Room/Laboratory/Toilet, etc.)	Carpet area (in m ²)	Completion of Flooring	Completion of Walls and painting	Completion of Electrification and lighting
1	Housekeeping	12.19	Ready	Ready	Ready
11	Office All Inclusive	79.17	Ready	Ready	Ready
2	Security	12.19	Ready	Ready	Ready
22	Maintenance	11.02	Ready	Ready	Ready
23	Pantry for Staff	11.02	Ready	Ready	Ready
25	Cabin for Head of Dept	14.31	Ready	Ready	Ready
26	Central Store	30	Ready	Ready	Ready
30	Board Room	21.72	Ready	Ready	Ready
31	Principal Directors Office	32	Ready	Ready	Ready
32	Cabin for Head of Dept	21.72	Ready	Ready	Ready
43	Placement Office	39	Ready	Ready	Ready
49	Exam Control Office	39.31	Ready	Ready	Ready
52	Faculty Room	78.53	Ready	Ready	Ready
65	Department Office	25.11	Ready	Ready	Ready
68	Other	20.2	Ready	Ready	Ready
72	Office All Inclusive	78.53	Ready	Ready	Ready
87	Cabin for Head of Dept	27.21	Ready	Ready	Ready

AMENITIES AREA

Room No.	Room type (mention Class Room/Laboratory/Toilet, etc.)	Carpet area (in m ²)	Completion of Flooring	Completion of Walls and painting	Completion of Electrification and lighting
10	First aid cum Sick Room	15.09	Ready	Ready	Ready
13	Toilet	52.65	Ready	Ready	Ready
15	Toilet	25.6	Ready	Ready	Ready
37	Toilet	33	Ready	Ready	Ready
47	Stationery Store	22.7	Ready	Ready	Ready
5	Toilet	25.6	Ready	Ready	Ready
57	Toilet	52.66	Ready	Ready	Ready
58	Girls Common Room	75.26	Ready	Ready	Ready
63	First aid cum Sick Room	16.3	Ready	Ready	Ready
73	Boys Common Room	79.13	Ready	Ready	Ready
76	Toilet	75.3	Ready	Ready	Ready
84	Cafeteria	200.64	Ready	Ready	Ready

INSTRUCTIONAL AREA

Room No.	Room type (mention Class Room/Laboratory/Toilet, etc.)	Carpet area (in m ²)	Completion of Flooring	Completion of Walls and painting	Completion of Electrification and lighting
12	Laboratory	161.25	Ready	Ready	Ready
14	Laboratory	210.18	Ready	Ready	Ready
16	Laboratory	79.13	Ready	Ready	Ready
17	Workshop	160.11	Ready	Ready	Ready
18	Additional Workshop	323.16	Ready	Ready	Ready
20	Classroom	79.17	Ready	Ready	Ready
21	Classroom	79.17	Ready	Ready	Ready
24	Classroom	64.85	Ready	Ready	Ready
27	Classroom	75.18	Ready	Ready	Ready
28	Drawing Hall	132.2	Ready	Ready	Ready
3	Laboratory	133.18	Ready	Ready	Ready
36	Classroom	79.17	Ready	Ready	Ready
38	Classroom	79.17	Ready	Ready	Ready
39	Classroom	79.17	Ready	Ready	Ready
4	Classroom	79.17	Ready	Ready	Ready
40	Tutorial Room	38.64	Ready	Ready	Ready
41	Tutorial Room	36.64	Ready	Ready	Ready
42	Workshop	323	Ready	Ready	Ready
44	Tutorial Room	39	Ready	Ready	Ready
45	Classroom	79.13	Ready	Ready	Ready
46	Classroom	79.13	Ready	Ready	Ready
50	Classroom	79.13	Ready	Ready	Ready
51	Laboratory	133.15	Ready	Ready	Ready
53	Tutorial Room	39.5	Ready	Ready	Ready
54	Tutorial Room	39.5	Ready	Ready	Ready
55	Classroom	79.13	Ready	Ready	Ready
56	Classroom	79.13	Ready	Ready	Ready
59	Additional Workshop	133.14	Ready	Ready	Ready

6	Classroom	79.17	Ready	Ready	Ready
60	Laboratory	79.13	Ready	Ready	Ready
61	Classroom	79.13	Ready	Ready	Ready
62	Classroom	79.13	Ready	Ready	Ready
64	Laboratory	287.17	Ready	Ready	Ready
66	Laboratory	79.13	Ready	Ready	Ready
68	Other	20.2	Ready	Ready	Ready
69	Classroom	79.13	Ready	Ready	Ready
7	Classroom	79.17	Ready	Ready	Ready
70	Classroom	79.13	Ready	Ready	Ready
71	Classroom	79.13	Ready	Ready	Ready
74	Laboratory	79.13	Ready	Ready	Ready
75	Additional Workshop	79.13	Ready	Ready	Ready
77	Additional Workshop	75.3	Ready	Ready	Ready
78	Tutorial Room	39	Ready	Ready	Ready
79	Tutorial Room	39	Ready	Ready	Ready
80	Tutorial Room	39.65	Ready	Ready	Ready
81	Additional Workshop	65.6	Ready	Ready	Ready
82	Seminar Hall	133.1	Ready	Ready	Ready
83	Tutorial Room	16.3	Ready	Ready	Ready
85	Laboratory	150.91	Ready	Ready	Ready
86	Laboratory	150.91	Ready	Ready	Ready
88	Tutorial Room	12.07	Ready	Ready	Ready
9	Laboratory	241.5	Ready	Ready	Ready

INSTRUCTIONAL AREA - COMMON FACILITIES

Room No.	Room type (mention Class Room/Laboratory/Toilet, etc.)	Carpet area (in m ²)	Completion of Flooring	Completion of Walls and painting	Completion of Electrification and lighting
33	Library&Reading Room	214.05	Ready	Ready	Ready
34	Library&Reading Room	116.96	Ready	Ready	Ready
35	Library&Reading Room	76.72	Ready	Ready	Ready
48	Computer Center	64.8	Ready	Ready	Ready
67	Language Laboratory	170.33	Ready	Ready	Ready
8	Computer Center	112	Ready	Ready	Ready

Occupancy Certificate

K.Dis.2077/2019/A2

Taluk Office,
Guziliamparai.
Date 27.02.2020

FORM - D

Form of License under Sub - Section (1) of section 6 of madras Public Building (Licensing) Act 1965 (Madras Act 13 of 1965) referred to in Rule 6 of the Madras Public building (Licencing) Rule 1966.

LICENCE

Licence No: 12/2020

Fees Rs. 1000/-
Challan No:284863
Dated:27.01.2020
I.O.B.,Vedasandur.

License is hereby granted to the **Correspondent, Kongunadu Polytechnic College, G.Gudalur Village, Guziliamparai Taluk**, Dindigul District for the purpose and in respect of the building specified in the statement below and subject to the conditions and for the period mentioned here under.

The period of validity of the License shall be from **12.12.2019 to 11.12.2022**

STATEMENT TO ACCOMPANY THE LICENSE

Location of the Building Door No. Street No., and Name of the Place	Purpose for which Building is licensed to be used as Public Building	No. of Persons to be accommodated
Correspondent, Kongunadu Polytechnic College, S.F.No. 695/2,730/3 & etc., D.Gudalur Village, Guziliamparai Taluk Dindigul District.	Educational Purpose	1400 Persons

TO.

**Correspondent,
Kongunadu Polytechnic College,
D.Gudalur Village,
Guziliamparai Taluk
Dindigul District.**


TAHSILDAR
GUZILIAMPARAI.


27/2/2020

TAMIL NADU FIRE - RESCUE SERVICES

FIRE SERVICE LICENCE

(Under Section 13 of the Tamil Nadu Fire Service Act 1985
and with Tamil Nadu Service Rules 1990-Appendix-III)

Licence No: 422/2022

K.Dis No: 3380/C1/2022

Date: 19.04.2022

Licence is hereby granted under Section 13 of the Tamil Nadu Fire Service Act 1985, for COLLEGE within the jurisdiction of DINDIGUL DISTRICT in the name, M/S. KONGUNADU POLYTECHNIC COLLEGE at the premises, S.F.NO: 695/2B, 730/3, 731/1A1, 732/2B1, D.GUDALORE, GUJILIYAMPARAI TALUK, DINDIGUL DISTRICT. subject to the conditions noted thereon and other conditions as may be prescribed.

THE ABOVE PREMISES INSPECTED BY MR. S.MARUTHAI- STATION OFFICER GUJILIYAMPARAI
ON : 12.04.2022

CONDITIONS

As per Col.13 of Appendix V to the Rules under section 13 of the Act

1. This Licence is valid for one year from the date of issue.
2. The applicant will also get permission/No objection certificate from other department if necessary.
3. If the extension or alteration is made in the existing building and also for Changing of present business will also apply & get separate permission.
4. Regular Licence has to be obtained from competent authority.
5. All the Fire Extinguishers have to be recharged and maintained periodically as per code of practice in 2190/2010.
6. 50000 Ltr. static tank should be provided.
7. Advise to train the employee to operate the Fire Extinguisher.
8. If there is any deviation from the Govt. Rules and Act the licence stand cancelled.

(Office Seal with Date)



9.04.2022
District Officer
Fire and Rescue Service,
Dindigul District,
Dindigul. *IP.A*
19/4/22

M/S. KONGUNADU POLYTECHNIC COLLEGE
S.F.NO: 695/2B, 730/3, 731/1A1, 732/2B1,
D.GUDALORE, GUJILIYAMPARAI TALUK,
DINDIGUL DISTRICT.

Copy To: Joint Director, Fire and Rescue Service, Western Region, Coimbatore-18.

Number of Library Books / Titles / Journals (Programme Wise)

S.No.	Name of the Department	Books		Journals		Magazines		E - Journals	E-Books
		Volumes	Titles	N	IN	N	IN		
	CIVIL	489	1511	6	0	2	0	0	67
	MECH	778	1933	9	0	1	0	0	45
	EEE	346	1216	6	0	0	0	0	309
	ECE	495	1724	3	0	1	0	0	226
	BASIC ENGG.	451	1107	1	0	5	0	0	90
	GENERAL	1264	2235	0	0	4	0	0	50

E- Library facilities

S. No.	E-Library Facilities
1.	NPTEL- Swayam
2.	NDL(National Digital Library)

Laboratory and Workshop

- List of Major Equipment/Facilities in each Laboratory/ Workshop
- List of Experimental Setup in each Laboratory/ Workshop

DEPARTMENT OF CIVIL ENGINEERING

Name of the Lab: CIVIL CAD LAB

S.No.	List of the equipments	Quantity Required
1.	Computers	30 Nos.
2.	Laser printer	3 Nos.
3.	CAD software	30 Users

Name of the Lab: CONSTRUCTION LAB PRACTICE

Sl.No	List of Equipments Required	Quantity Required
1.	Pegs, thread, cranking tools	As required
2.	Consumables like Bricks, aggregate, paints, Fly ash, polish, steel rods	As required

Name of the Lab: MATERIAL TESTING LAB

S.No	List of the Equipments	Quantity
1.	UTM	1 no.
2.	Rock well-cum-Brinell Hardness testing machine	1 no.
3.	Torsion testing machine	1 no.
4.	Impact testing machine for Izod and Charpy test	1 no.
5.	Deflection test verification of Maxwell theorem with magnetic stand, deflection gauge, weights and sets of beam (floor type)	1 no.
6.	Weighing balance-digital 10 kg capacity one gram accuracy with battery backup 8 hours/direct electrical connection	1 no.
7.	Compression testing machine 100 tons capacity (electrical operated)	1 no.
8.	Flexural Testing Machine for Tiles	1 no.
9.	Spring testing Apparatus	1 no.
10.	Double shear test apparatus	1 no.
11.	Vicat's Apparatus	1 no.

Name of the Lab: SURVEYING PRACTICE

S.No.	List of the Equipments	Quantity Required
1.	Chain with (arrows)	6 nos.
2.	Prismatic compass	6 nos.
3.	Dumpy level	10 nos.
4.	Levelling staff	10 nos.
5.	Cross staff	6 nos.
6.	Ranging rod	2 nos.
7.	Hand held GPS	6 nos.

Name of the Lab: HYDRAULICS LAB

S.No.	List of Equipments required	Quantity required
1.	Bernoulli's theorem apparatus (closed circuit)	1 No.
2.	Venturimeter/Orificemeter apparatus (closed circuit) with all accessories	1 No.
3.	Pipe Friction apparatus (closed circuit) with all accessories	1 No.
4.	Orifice/Mouthpiece apparatus (closed circuit) with all accessories	1 No.
5.	Notch apparatus (closed circuit) with accessories	1 No.
6.	Reciprocating Pump test rig with accessories	1 No.
7.	Centrifugal Pump test rig	1 No.
8.	Pelton wheel	1 No.

MECHANICAL ENGINEERING**Name of the Lab: MANUFACTURING TECHNOLOGY-I**

- | | |
|---|--------------------|
| 1. Center Lathe 4 ½ ' Bed length | – 10 No's |
| 2. 4 Jaw / 3 Jaw Chucks | – required Numbers |
| 3. Chuck key (10 mm x 10 mm size) | – 10 No's |
| 4. Box spanner | – 1 No's |
| 5. Cutting Tool H.S.S ¼ " X ¼ " X 4 " long | – 10 No's |
| 6. Pitch gauge | – 5 Nos |
| 7. Vernier Caliper (0-25 and 25-50) | – 5 Nos each |
| 8. Micrometer, Inside and Outside(0-25 and 25-50) | - 5 each |
| 9. Vernier Height Gauge(300mm) | - 1 no |
| 10. Snap gauge | – 1 set |
| 11. Gear tooth Vernier | - 1 No |
| 12. Parallel Block | - 2 Nos |
| 13. Steel Rule (0-150) | – 10 Nos. |
| 14. Outside and Inside Calipers | - 10 Nos. each |
| 15. Thread gauge | – 5 Nos. |
| 16. Bevel Protractor | – 1 No |
| 17. Jenny Caliper | – 5 Nos. |
| 18. Dial Gauge with Magnetic Stand | – 5 Nos. |

19. Marking Gauge	– 10 Nos.
20. Safety Glass	– 10 Nos.
21. Arc welding booth	– 2 No's
with oil /air cooledwelding transformer withaccessories	
22. Gas welding unit (Oxygen and acetylene cylinder)	– 1 Set
23. Flux	– 500 g
24. Electrode 10 SWG	– 200 No's
25. Face shield	– 3 No's
26. Gas welding goggles	– 2 No's
27. Leather Glows 18''	– 4 Set
28. Flux chipping hammer	– 4 No's
29. Spot welding machine	- 1 No
30. Crucible furnace	- 1 No
31. Tilting furnace	- 1 No
32. Shovel	- 10 Nos
33. Rammer set	- 10 Nos
34. Slick	- 10 Nos
35. Strike-off bar	- 10 Nos
36. Riddle	- 10 Nos
37. Trowl	- 10 Nos
38. Lifter	- 10 Nos
39. Sprue pin	- 20 Nos
40. Brush	- 10 Nos
41. Vent rod	- 10 Nos
42. Draw spike	- 10 Nos
43. Gate cutter	- 10 Nos
44. Cope box	- 10 Nos
45. Drag box	- 10 Nos
46. Core box	- 10 Nos
47. Runner & riser	- 20 Nos
48. Moulding board	- 10 Nos
49. Patterns	- 5 Nos each

Name of the Lab: Machine Drawing and CAD Practical

1. Personal computer – 30 Nos.
2. Printer – 1 No.
3. Required Software's: CAD Package – Sufficient to the strength.

Name of the Lab: Measurements And Metrology Lab

LIST OF EQUIPMENTS (For 30 students)

1. Vernier Caliper - 2 Nos.
2. Digital / Dial Vernier Caliper. - 2 Nos.
3. Outside micrometer - 2 Nos.
4. Inside Micrometer - 2 Nos
5. Digital Micrometer - 2 Nos.
6. Slip gauges - 2 Nos.
7. Universal bevel protractor. - 2 Nos.
8. Sine bar - 2 Nos.
9. Digital inside micrometer - 2 Nos.
10. Surface plate - 2 Nos.
11. Vernier height gauge - 1No.
12. Thread Vernier - 1 No.
13. Thread micrometer – 1 No.
14. Gear tooth Vernier - 2 Nos.
15. Mechanical comparator - 2 Nos.
16. Dial indicator (0-10) - 2 Nos.
17. Abrasive grinder – 1 No.
18. Polishing Machine – 1 No.
19. Mounting machine – 1 No.
20. Metallurgical microscope – 2 Nos
21. Magnetic yoke - 1 No.
22. Liquid penetrant test kit – 1 set.
23. Consumable - Sufficient quantity

Name of the Lab: Strength of Materials and Fluid Mechanics Lab

LIST OF EQUIPMENTS: (For 30 students)

1.	UTM.	01
2.	Rockwell's Hardness Testing Machine.	01
3.	Torsion testing machine.	01
4.	Impact testing machine.	01
5.	Spring testing arrangements.	01
6.	Shear testing machine.	01
7.	Vernier calliper.	02
8.	The Bernoulli's Apparatus.	01
9.	An open tank fitted with an external mouth piece and a collecting tank with Piezometer.	01
10.	An arrangement to find friction factor of pipe.	01
11.	A reciprocating pump with an arrangement for collecting data to find out the efficiency and plot the characteristics curves.	01
12.	A impulse turbine with an arrangement for calculating data to find out the efficiency.	01

Name of the Lab: Manufacturing Technology practical - II

LIST OF EQUIPMENTS (For 30 students)

1	Vertical milling machine / Vertical attachment	-	2 Nos.
2.	Universal Milling Machine	-	2 Nos.
3.	Surface Grinding Machine	-	1 No.
4.	Cylindrical Grinding Machine	-	1 No.
5.	Tool and Cutter Grinder	-	1 No.
6.	Shaping Machine	-	2 Nos.
7.	Slotting Machine	-	1 No.
8.	CNC Turning centre	-	1 No.
9.	CNC Milling Centre	-	1 No.
10	Tools and Measuring instruments	-	Sufficient quantity.
11	Consumables	-	Sufficient quantity.

Name of the Lab: Process Automation Practical

LIST OF EQUIPMENTS (For 30 Students)

1. Pneumatic Trainer Kit — 3 Nos
(All Cylinders, Control Valves, Limit switches and other accessories)
2. Hydraulics Trainer Kit — 2 No.
(All Cylinders, Control Valves, Limit switches and other accessories)
3. PLC kit — 3 Nos.
4. Computer with software — 10 Nos.

Name of the Lab: Thermal Engineering Practical

LIST OF EQUIPMENTS (For 30 students)

1. Open cup apparatus - 2 Nos.
2. Close cup apparatus - 2 Nos.
3. Redwood viscometer - 2 Nos.
4. Say bolt viscometer - 2 Nos.
5. Four stroke petrol engine Model - 2 Nos.
6. Four stroke diesel engine Model - 2 Nos.
7. Two stroke petrol engine Model - 2 Nos.
8. Four stroke Petrol Engine Test rig - 1 No.
9. Four stroke Diesel engine Test rig - 1 No.
10. Multi -cylinder petrol engine test rig - 1
- No.11. Air compressor test rig — 1
- No.
12. Refrigeration Test rig — 1 No.
13. Measuring instruments - Required quantity
14. Consumables - Required quantity

Name of the Lab: Refrigeration and Air-Conditioning Practical
LIST OF EQUIPMENTS

WORKING MODELS OF THE FOLLOWING WITH ARRANGEMENTS FOR CONDUCTING TESTS

1. Refrigerator with test rig
2. Water cooler
3. Window A/C with test rig
4. Split A/C
5. Cooling tower

WORKING MODEL OF THE FOLLOWING TO CONDUCT EXPERIMENTS

1. Thermostat units
2. Cut off units
3. Thermostatic expansion valve unit
4. Automatic expansion valve unit
5. Sealed compressor with experimental setup

TOOLS:

1. Mechanics tool set
2. Tube cutter
3. Tube bender type
4. Tube bender spring
5. Swaging tool
6. Flaring block
7. Flaring nut
8. Pinching tool
9. Capillary tube testing gauge
10. Blow Lamp

SERVICE TOOLS:

1. Gas cylinder with receiver valve and key
2. Charging System
3. Blow lamp
4. Stem key
5. Spring remover
6. Service valve
7. 't' connector
8. High pressure gauge
9. Compound gauge
10. Leak detector
11. Soldering and Brazing kit.

Name of the Lab: MACHINE TOOL TESTING AND MAINTENANCE PRACTICAL

LIST OF EQUIPMENTS

Machine

- | | |
|-----------------------------|---------|
| 1. Lathe machine | - 1 No. |
| 2. Shaping machine | - 1 No. |
| 3. Drilling machine | - 1 No. |
| 4. Surface grinding machine | - 1 No. |
| 5. Milling machine | - 1 No. |
| 6. Slotting machine | - 1 No. |

Tools

- | | |
|----------------------------|-----------------------|
| 7. Dial gauge | - 5 Nos. |
| 8. Magnetic stand | - 5 Nos. |
| 9. Surface gauges | - 5 Nos. |
| 10. Spirit level | - 5 Nos. |
| 11. Spanners (DE/Ring/Box) | - Sufficient quantity |
| 12. Screw drivers | - Sufficient quantity |
| 13. Allen screw sets | - Sufficient quantity |
| 14. Hammer | - Sufficient quantity |
| 15. Test mandrels | - Sufficient quantity |
| 16. Squares / Blocks | - Sufficient quantity |

Machine components

- | | |
|------------------------|---------|
| 17. Lead screw and nut | - 1 No. |
| 18. Tailstock | - 1 No. |
| 19. Bench vice | - 1 No. |
| 20. Three jaw chuck | - 1 No. |
| 21. Four jaw chuck | - 1 No. |
| 22. Drill chuck | - 1 No. |

Name of the LAB: COMPUTER AIDED DESIGN AND MANUFACTURING PRACTICAL
LIST OF EQUIPMENTS

1. Personal computer - 30 Nos.
2. CNC programming software - Sufficient to the strength.
(Lathe and Milling)
3. Modelling package - Sufficient to the strength.
(Solid works / Pro-E / Catia / Unigraphics / Autocad etc..)
4. CNC Turning Machine - 1 No.
5. CNC Milling Machine - 1 No.
6. Laser Printer - 1 No.
7. Consumables - Sufficient quantity.

ELECTRICAL AND ELECTRONICS ENGINEERING

Name of the LAB: EDCLAB

LIST OF EQUIPMENTS (FOR A BATCH OF 30 STUDENTS)

S.No	Name of the Equipment	Range	Required Quantity
1.	DC Regulated power supply	0-30V,1A	10
2.	High Voltage Power Supply	0-250V,1A	2
3.	Signal Generator	1MHz	4
4.	Dual trace CRO	20MHz/ 30MHz	5
5.	Digital Multimeter	-	10
6.	DC Voltmeter (Analog/Digital)	Different Ranges	15
7.	DC Ammeter (Analog/Digital)	Different Ranges	15

Name of the Lab: ELECTRICAL CIRCUITS AND MACHINES
LIST OF EQUIPMENTS (For a Batch of 30 Students)

S.No	LIST OF EQUIPMENTS	QUANTITY REQUIRED
1	DC Shunt Motor 3/5 KW (or more) with Loading Arrangement	2
2	DC Series Motor 3/5 KW (or more) with Loading Arrangement	1
3	DC Compound Motor 3/5 KW (or more) with Loading Arrangement	1
4	DC Shunt Generator 3/5 KW (or more) coupled with Prime Mover	1
5	DC Series Generator 3/5 KW (or more) coupled with Prime Mover	1
6	1 Phase Transformer 1KVA (or more) 220V/110V	3
7	3 Phase Transformer 1KVA (or more) 440V/220V	1
8	1 Phase Variac 15 amps	3
9	3 Phase Variac 15 amps	1
10	Dual Regulated Power Supply 0-30V/2A	2
11	Single Regulated Power Supply 0-30V / 2A	2
12	Single Phase Resistive Load 3/5 KW, 220V	2
13	Three Phase Resistive Load 3KW,415V	2
14	Tachometer Analog type	3
15	Rheostat — various ranges 50Ω/5A,100 Ω/5A, 300 Ω/2A, 600Ω/2A (or equivalent)	4
16	AC Ammeter – various ranges 0-500mA,0-1/2A, 0-5/10A,0-10/20A (or equivalent)	8
17	DC Ammeter – various ranges 0-500mA, 0-2A,0-5A,0-10A,0-15/30A (or equivalent)	8
18	DC Voltmeter – 0-5/10V, 0-30V, 0-300V	8
19	AC Voltmeter – 0-75V, 0-150V, 0-300V, 0-600V	8
20	Wattmeter – various ranges LPF 150/300/600V 2.5A/5A,1/2.5A	6
21	Wattmeter – various ranges UPF 75/150/300,5/10A	6
22	Wattmeter – various ranges UPF 150/300/600V 10/20A	6
23	Transformer oil tester kit, Acidity test kit	Each 1

Name of the Lab: CONTROL OF ELECTRICAL MACHINES LAB
LIST OF EQUIPMENTS (FOR A BATCH OF 30 STUDENTS)

S. No	LIST OF EQUIPMENTS	QUANTITY REQUIRED
1	Transformer oil Tester Kit, Acidity Test kit	Each 1
2	Thermal Overload Relay	3
3	AC Contactor 230v/440v, 16A	26
4	Push Button With NO/NC Elements	30
5	Induction Motor 440 V, 1440 rpm, any HP rating (apart from EM-II lab)	3
6	Proximity Switch	2
7	PLC (any brand) suitable for above experiments	5
8	Solenoid Valve	2
9.	Three Stage Lift Model, Conveyor Model	Each 1
10.	Forward, Reverse and Jogging (Forward and Reverse) Operation Model	1

Name of the Lab: CAD PRACTICAL
LIST OF EQUIPMENTS (For a Batch of 30 Students)

S.No	NAME OF THE EQUIPMENT	QUANTITY REQUIRED
1.	PC – Pentium Dual Core	30
2.	Electrical CAD Software multi user	01
3.	UPS – 5KVA with half an hour battery backup	01

Name of the Lab: ELECTRICAL WORKSHOP LAB**LIST OF EQUIPMENTS (FOR A BATCH OF 30 STUDENTS)**

S.No	LIST OF EQUIPMENTS	QUANTITY REQUIRED
1.	Tools: Screwdriver, Cutting pliers, Wire Stripper, Hammer, Spanner set, Line Tester, Nose pliers.	Each2set
2.	Personal Protective Equipments: Safety helmet, Google, Safety gloves, Nose mask, Ear plug, Safety Belt.	Each2Set
3.	Automatic Iron Box	2
4.	Wet Grinder	2
5.	Mixer Grinder	2
6.	Ceiling Fan	2
7.	LED Light, PCB, Driver Circuit and Outer Cover	10
8.	Lead Acid Battery	2
9.	Inverter	2
10.	Solar Photo Voltaic Module	2
11.	Charge controller	2
12.	Microwave oven	1
13.	Multi meter	8
14.	Induction Heater	1

Name of the Lab: MICROCONTROLLER LAB**LIST OF EQUIPMENTS (FOR A BATCH OF 30 STUDENTS)**

S.No.	Name of the Equipments	Required No.s
1	8051 Microcontroller Kit	14
2	Digital I/O Interface Board	2
3	Seven Segment LED Display Interface Board	2
4	8 Bit DAC Interface Board	2
5	Stepper Motor Control Interface Board	2
6	DC Motor Control Interface Board	2
7	RS 232 Serial Port Cable	2
8	LCD Interface Board	2
9	Laptop / Desktop Computer	6

Name of the Lab: WIRING AND WINDING LAB

LIST OF EQUIPMENTS (FOR A BATCH OF 30 STUDENTS)

S.NO.	DESCRIPTION	SPECIFICATION	QTY
1.	SPST Flush Type Switch	250V/5A	10
2.	Intermediate Switch	250V/5A	10
3.	Rotary Switches	500V/32A	6
4.	Three Phase Control Panel Board	500V/32A	2
5.	Batten Lamp Holder	-	10
6.	Round Block	-	20
7.	Switch Board	20cm*15 cm	4
		10cm*10cm	15
8.	M.C.B.	250V/10A ,2 pole	6
		440V/32A	3
9.	Push Button Switch	250V/5A	5
10.	2 Plate Ceiling Rose	250V/5A	10
11.	Electric Bell	250V/5A	3
12.	Single Phase D.P.I.C. Main Switch	250V/16A	3
13.	Single Phase D.O.L. Starter	250V/10A	1
14.	Three Phase T.P.I.C. Main Switch	500V/30A	2
15.	Star / Delta Starter	440V/5HP	1
16.	E.L.C.B.	30mA/100mA	1
17.	Single Phase, Digital Energy Meter	250V/15A,50HZ	1
18.	Cut out	16A	1
19.	Single Phase, 4 Way Distribution Box	250V/15A	2
20.	Mercury Vapor Lamp with accessories		1 Set
21.	Sodium Vapor Lamp with accessories		1 Set
22.	Fluorescent Tube Light with Electronic Choke and Holder	40W	2 Set
23.	Two Way Flush Type Switch	250V/5A	15
24.	Wooden Box	30 cm*15cm	4
25.	PVC Pipe	¾"/1"	Req.Qty
26.	Saddle Clips	¾"/1 "	Req.Qty
27.	Copper Wire	2.5Sq.Mm,	Req.Qty
		1.5Sq.Mm	
28.	1" Junction Box	1 way,2way,3way	Req.Qty
29.	Screws		Req.Qty
30.	Bare Copper Wire	2.5 Sq.Mm	Req.Qty
31.	Lamps (C.F.L. or Incandescent)	Different ratings	Req.Qty
32.	EI60 Type Stampings Of 0.35 Mm	-	55

	Thickness		
33.	Readymade Bobbins (EI60/21)	-	Req.Qty
34.	Enameled Copper Wire	26SWG 36SWG 37SWG 38SWG	Req.Qty
35.	Varnish	-	Req.Qty
36.	Winding Machine	-	1
37.	Ceiling Fan	-	2
38.	Single Phase Induction Motor	0.5 HP/50HZ,240V	1
39.	Three Phase Squirrel Cage Induction Motor	3HP, 500 V, 50 Hz	1
40.	Gauge Plate for Measurement of SWG	-	1
41.	Winding Study Motor (3 Φ Squirrel Cage Type)	-	1

Name of the Lab: ELECTRICAL CIRCUITS AND SIMULATION LAB
LIST OF EQUIPMENTS (FOR A BATCH OF 30 STUDENTS)

S.No.	LISTOFEQUIPMENTS	QUANTITYREQUIRED
1.	PC with any suitable simulation software	30
2.	UPS 5KVA with half an hour battery backup	1
3.	Printer	1

Name of the Lab: ANALOG AND DIGITAL ELECTRONICS LAB**LIST OF EQUIPMENTS (FOR A BATCH OF 30 STUDENTS)**

S. NO	Name of the Equipments	Range	Required Nos
1	DC Regulated power supply	0-30V,1A	5
2	IC Voltage Power Supply	0-5V,1A	5
		15-0-15V, 1A	5
3	Signal Generator	1MHz	4
4	Dual trace CRO	20MHz/ 30MHz	5
5	Digital Trainer	-	10
6	DC Voltmeter (Analog/Digital)	Different Ranges	5
7	DC Ammeter (Analog/Digital)	Different Range	5
8	Desk Top Computer	-	5
9	Simulation Tool	Multisim/OrCAD	1

Name of the Lab: COMPUTER HARDWARE AND NETWORKING LAB**LIST OF EQUIPMENTS (FOR A BATCH OF 30 STUDENTS)**

Hardware Requirements :	
Desktop Systems	30 Nos
Hard disk drive	06 Nos
DVD, Blu-ray Drive	06 Nos
Blank DVD , Blu-ray Disc	20 Nos
Head cleaning CD	
Dot matrix Printer	02 Nos
Laser Printer	02 Nos
Server	01 No
Mobile phones	06 Nos
Network Requirements:	
Crimping Tool	06 Nos
Screwdriver set	06 Nos
Network Cables	
Modem	02 Nos
Hub	01 No
Router	01 No

Switch	02 Nos
Software Requirements:	
Windows OS	
Windows Server 2008 / 2013 and LINUX.	
Antivirus software.	
DVD and Blu-ray Burning S/W.	
Mobile Phone Flashing S/W	

ELECTRONICS AND COMMUNICATION ENGINEERING

Name of the Lab: ELECTRONICS DEVICES AND CIRCUIT LAB

LIST OF EQUIPMENTS

S.NO	Name of the Equipments	Range	Required Nos.
1.	DC Regulated power supply	0-30V, 1A	10
2.	High Voltage Power Supply	0-250V, 1A	2
3.	Signal Generator	1MHz	4
4.	Dual trace CRO	20MHz/ 30MHz	5
5.	Digital Multimeter	-	10
6.	DC Voltmeter (Analog/Digital)	Different Ranges	15
7.	DC Ammeter (Analog/Digital)	Different Ranges	15

Name of the Lab: **ELECTRICAL CIRCUITS AND INSTRUMENTATION**

LIST OF EQUIPMENTS

S No	Name of the Equipments	Range	Required No's
1.	DC regulated power supply	(0-30V), 1A	8
2.	Signal generators	1MHz	3
3.	CRO	20MHz	4
4.	DC Voltmeter	(0-15V)	8
5.	DC Ammeter	(0-300µA)	6
6.	DC Ammeter	(0-100mA)	8
7.	Multimeter	-	4
8.	Galvanometer	-	1
9.	Decade Resistance Box	-	1

Name of the Lab: **PROGRAMMING IN C PRACTICAL**

LIST OF EQUIPMENTS

Hardware Requirement:

Desktop / Laptop Computers: 15

Nos Laserprinter: 1 no

Software requirement:

C-compiler and editor

Name of the Lab: **SIMULATION PRACTICAL**

LIST OF EQUIPMENTS

S.NO	Name of the Equipments	Range/Spec	Required Nos.
1.	Simulation Tool	Multisim/PSpice	
2.	Desk top Computers		20 Nos.

Name of the Lab: INDUSTRIAL ELECTRONICS LAB**LIST OF EQUIPMENTS**

S.NO	Name of the Equipment	Range	Required Nos
1	Regulated Power supply	0-30v	5
2	Dual trace CRO	-	2
3	Signal generator	-	2
4	PAM kit	-	1
5	Pcm kit	-	1
6	PLC's	-	5
7	Computers	-	5
8	Software For PLC	-	-
9	Multimeter		10

Name of the Lab: COMMUNICATION ENGINEERING LAB**LIST OF EQUIPMENTS**

S.NO	Name of the Equipment	Range	Required No.
1.	Regulated Power Supply	0 – 30V	10
2.	Dual trace CRO	60 MHz	5
3.	Signal Generator	-	10
4.	Desk Top Computer	-	2
5.	Decade Resistance Box	0 - 100KOhm	5
6.	Decade Capacitance Box	0 - 100uF	5
7.	Decade Inductance Box	0 - 10H	5
8.	Dynamic cone Loud speaker	-	2
9.	Moving coil Microphone	-	1
10.	Velocity Ribbon Micro phone	-	1
11.	Software Tool	Multisim/OrCAD	

Name of the Lab: ANALOG AND DIGITAL COMMUNICATION PRACTICAL**LIST OF EQUIPMENTS**

S.NO	Name of the Equipments	Range	RequiredNos.
1	DualtraceCRO	100MHz	2

2	PSK Modulation Kit		1
3	PSK DemodulationKit		1
4	Fiber optic demonstration kit		2
5	DTH		1

Name of the Lab: VERY LARGE SCALE INTEGRATED PRACTICAL LIST OF EQUIPMENTS

1. FPGA KIT with atleast 10 switches for input, 8 LEDs for output, a 7 segmentdisplay, debounced push switch (2 Nos) for manual clock input and external clocksource–10Nos with software

Name of the Lab: EMBEDDED SYSTEMS LAB

Sl.No	Name Of The Equipment	Quantity Available
1	ARM 7-LPC 2148 MAIN BOARD	08 NOS

15. Computing Facilities

- Internet Bandwidth : 50 Mbps
- Number and configuration of System : 67 (Core i3, Core i7 & Dual Core)
- Total number of system connected by LAN : 67
- Total number of system connected by WAN :
- Major software packages available : YES
- Special purpose facilities available :YES
- (Conduct of online Meetings/Webinars/Workshops, etc.)
- Facilities for conduct of classes/courses in online mode : YES
- (Theory & Practical)
- Innovation Cell : YES
- Social Media Cell : YES
- Compliance of the National Academic Depository (NAD), applicable to PGCM/ PGDM Institutions and University Departments : NA

List of facilities available

- Games and Sports Facilities





Sports Coaches

S.No.	Name	Designation
1	Mr.P.SATHISH	Physical Director
2	Mr.KAVIYARASAN	Physical Director

• Others

S.No.	Name of the Student Activity	2019-2020	2020-2021	2021-2022
1.	Culturals	15	12	11
2.	NSS	86	86	86
3.	Others	34	6	27

Soft skill Development Facilities : Yes

- **Learning Platform** : Modular Object – Oriented dynamic Learning Environment(MOODLE)
- **Device Facilitation** : Computers / Laptop / Smart Phones
- **Learning Focus** : Activity Based Learning (ABL)

Teaching Learning Process

Curricula and syllabus for each of the programmes as approved by the University : Yes

Link : www.konguandu – poly.com/syllabus

· Academic Time Table with the name of the Faculty members handling the Course

Teaching Load of each Faculty

Internal Continuous Evaluation System and place

Student's assessment of Faculty, System in place

Enrolment details of students in the last 3years

S.No.	Dept.	2019-2020		2020-2021		2021-2022	
		App.	Adm.	App.	Adm.	App.	Adm.
1	CIVIL	60	00	60	13	60	01
2	MECH	180	104	180	74	150	68
4	EEE	120	78	120	35	120	44
5	ECE	60	13	60	12	60	06
TOTAL		420	195	420	134	390	119
%		46.42		31.90		30.51	

Placement details of students in the last 3years

S.No.	Dept.	2019-2020		2020-2021		2021-2022	
		No of Students Seek Placement	No. of Students Placed	No of Students Seek Placement	No. of Students Placed	No of Students Seek Placement	No. of Students Placed
1	CIVIL	00	00	8	8	7	7
2	MECH	130	130	123	123	91	91
4	EEE	92	92	67	67	79	79
5	ECE	24	24	28	28	7	7
TOTAL		246	246	226	226	184	184
%		100 %		100 %		100%	

17. List of Research Projects/ Consultancy Works:NIL

18. LoA and subsequent EoA till the current Academic Year

19. Accounted audited statement for the last three years

20. Best Practices adopted, if any

Note: Suppression and/or misrepresentation of information shall invite appropriate penal action.
The Website shall be dynamically updated with regard to Mandatory Disclosures

**ANNEXURE I
DETAILS OF BOARD OF GOVERNORS**

S.No	Name	Position
1	Mr.Nallayan N President, Kongunadu Polytechnic college, D.Gudalore	President
2	Dr.Rajan S Chairman, Kongunadu Polytechnic college, D.Gudalore	Chairman,
3	Mr.Rajendran N Member, Kongunadu Polytechnic college, D.Gudalore	Member Management
4	Mr.Sakthivel Secretary, Kongunadu Polytechnic college, D.Gudalore	Member Management
5	Mr.Jayalakshmi Member, Kongunadu Polytechnic college, D.Gudalore	Member Management
6	Mr.Muthukumar Sivaa Industries,Coimbatore	Member Industrialist
7	Mr.Sankar Rajan , Executive Director, Kongunadu Polytechnic college, D.Gudalore	Member Managemennt
8	Mrs.S.Saraswathy Vice Principal, Kongunadu Polytechnic college, D.Gudalore	Member
9	Mr.K.Vengadesh, HOD/ MECH., Kongunadu Polytechnic college, D.Gudalore	Member
10	Mr. K.Niruban Chakravarthy HOD/EEE, Kongunadu Polytechnic college, D.Gudalore	Member
11	Nominee of AICTE	Ex-Officio Member
12	Nominee of DOTE	Ex-Officio Member

ANNEXURE II

ACADEMIC ADVISORY BODY

S. No	NAME	POSITION	BACKGROUND
1.	Dr.S.RAJAN	Member secretary	Educationalist
2.	MR.SANKAR RAJAN	Member	Educationalist
3..	MR.RAJENDIRAN	Member	Educationalist
4..	MR.SAKTHIVEL	Member	Educationalist

ANNEXURE III

ORGANIZATIONAL CHART AND PROCESS

