PERUNTHALAIVAR KAMARAJAR
INSTITUTE OF ENGINEERING AND TECHNOLOGY (PKIET)
Constituent College of Puducherry Technological University (PTU)
(Government of Puducherry Institution)
NEDUNGADU, KARAIKAL – 609 603, PUDUCHERRY, INDIA
Tel.(off.): +91(4368) 262011
Fax : +91(4368) 262234

AICTE Mandatory Disclosure

Mandatory Disclosure	: Updated on 25.03.2024
AICTE File No.	: Southern/1-38670283350/2023/EOA
Date & Extension of Approval Granted Period of Last approval	: 02.06.2023 (Approval Process 2023-24)

1) Name of the Institution

Name of the Institution	: **PERUNTHALAIVAR KAMARAJAR INSTITUTE OF ENGINEERING AND TECHNOLOGY (PKIET)**
Address of the Institution	: Serumavilangai, Nedungadu, Karaikal
City & Pin code	: Karaikal - 609603
State / UT	: Puducherry
Phone number	: 04368 – 262011
Fax number	: 04368 – 262234
Working hours at the Institution	: 9.00 A.M. to 5.00 P.M.
Email	: principkiet@gmail.com
Website	: www.pkiet.edu.in

2) Name and Address of the Trust / Society / Company

Name of the Organization	: Government of Puducherry
Type of Organization	: Society
Registered with	: Registrar of Societies
Registration Date	: 23.07.2007
Registration Number	: 780 / 2007
State / UT	: Puducherry
Town	: Karaikal
Phone number	: 04368 – 262011
Email	: principkiet@gmail.com
Website	: www.pkiet.edu.in

3) Name and Address of the Vice Chancellor / Principal / Director

Name of the Principal : Dr. M. Aramudhan

Designation : Principal

Address : PKIET, Nedungadu, Karaikal – 609603

Highest Degree : Ph. D

Field of Specialization : Computer Networks

Email : aramudhan@pkiet.edu.in

Mobile Number : 9976511124

Telephone Number : 04368 - 262234

4) Name of the Affiliating University

Affiliating University	Puducherry Technological University	
Affiliation Period	From 2020-21 to Till Date	From 2022-23 to Till Date
Departments	B. Tech Agricultural Engineering B. Tech Biomedical Engineering B. Tech Petrochemical Engineering	B. Tech CSE B. Tech IT B. Tech ECE
Address	Pillaichavadi, Puducherry 605014	
Website	https://ptuniv.edu.in	

5) Governance

❖ Members of General Body

S. No	Name and Occupation of the Members	Designation
1	The Secretary to Government (Education), Government of Puducherry	Chairman
2	The Secretary to Government (Finance), Government of Puducherry	Member
3	The Collector-cum-District Magistrate, Karaikal District, Karaikal	Member
4	Joint Secretary to Government (EDN-I), Government of Puducherry	Member
5	The Director of Higher & Technical Education, Government of Puducherry	Member
6	The Vice Chancellor's Nominee, Pondicherry University, Puducherry	Member
7	Director, Indian Institute of Technology, Madras or his nominee	Member
8	Three nominee of the teaching staff of the college based on seniority, one at each level of Professor, Associate Professor and Assistant Professor	Member

9	The Superintending Engineer, Public Works Department, Puducherry.	Member
10	The Superintending Engineer, Electricity Department, Puducherry.	Member
11	The Managing Director, PIPDIC, Puducherry.	Member
12	The Director of Industries, Puducherry.	Member
13	One Industrialist/Eminent Social Worker from Puducherry to be nominated by the Lieutenant-Governor.	Member
14	One Industrialist/Eminent Social Worker from Karaikal to be nominated by the Lieutenant-Governor.	Member
15	The Principal of the College	Member-Secretary

❖ Members of Governing Body

S. No	Name and Occupation of the Members	Designation
1	The Secretary to Government (Education), Government of Puducherry	Chairman
2	The Secretary to Government (Finance), Government of Puducherry's	Member
3	The Collector-cum-District Magistrate, Karaikal District, Karaikal	Member
4	Joint Secretary to Government (EDN-I), Government of Puducherry	Member
5	The Director of Higher & Technical Education, Government of Puducherry	Member
6	The Vice Chancellor's Nominee, Pondicherry University, Puducherry	Member
7	Regional Officer or his nominee, AICTE, Southern Region, Chennai	Member
8	The Principal of the College	Member Secretary

❖ College Administration

Shri. Ashish Madhaorao More, I.A.S
Secretary to Government (Education)-cum-Chairman, PKIET

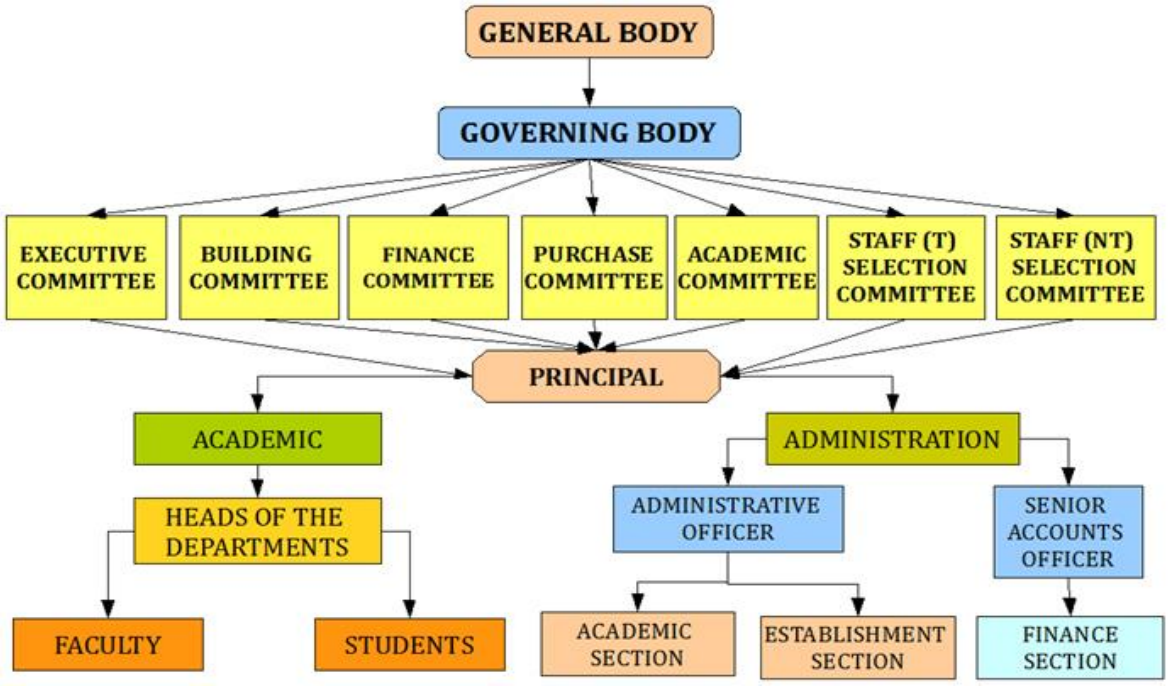
Dr. M. Aramudhan, M.E., Ph.D
Principal / Member Secretary

Tmt. S. Prema, M.A., B.G.L
Director (Administration)

❖ Frequency of the Board Meeting and Academic Advisory Body

Frequency of the Board meeting – Once in a Year
Academic advisory body meeting – Once in Every Six Months

❖ Organizational Chart and Processes



❖ Nature and Extent of involvement of Faculty and Students in Academic affairs / Improvements

- All the faculty members are well experienced in implementing effective Pedagogical methods in Teaching and Learning Process.
- The faculty members prepare well organized course plan for the curriculum and syllabus for effective coverage of course content in the allotted class hours.
- Apart from traditional teaching methods of chalk-n-talk, ICT based innovative teaching approaches like PPT, Multimedia, Simulation and Web based e-learning have been introduced in updating subject content and course improvement for the students for better visualization and understanding of the concepts.
- Case studies, Participatory / Interactive learning modules through subject-based quizzes, group discussions, seminar, objective questions, activities, and applications of the concepts in real-time have been implemented to encourage the student participation.
- Bridge Course have been conducted to impart basic concepts for the students to achieve expected competencies in core academic skills.
- And for slow learners, Remedial Courses and special counselling have been given to improve their performance.
- Each faculty member acted as a Student Mentor for 10 students to continuous monitoring of their both in both Academic and Personal condition.
- Student's participation in co-curricular and extracurricular activities and presentation of their innovative ideas in symposiums and conferences are encouraged.
- The Institute / Departments organizes regular workshops, Invited talks by eminent persons from Industry to enhance the employment potential of the students.

- Requirements of students and their feed- back are considered effectively.
- The Institute encourages the faculty members to attend regular FDP / STTP, workshops, seminars and conferences to enhance their skills.

❖ Mechanism/ Norms and Procedure for Democratic/ Good Governance

- The Institution promotes collective efforts of participative administration.
- The Head of the Institution, faculty members, administrative staff and the students are all main parts of the Institution.
- To ensure efficiency and effectiveness, a number of Administrative, Academic, Extracurricular and Co-curricular committees have been constituted. The roles and responsibilities are clearly defined for good fraternity in the Institute.
- The HODs of the respective Departments are empowered to take wise decisions related to Academic and student issues.
- Regular HODs meetings, Committee meetings and Department meetings are convened for inviting suggestions and discussion of all issues.

❖ Student Feedback on Institutional Governance/ Faculty performance

- A student feedback system is available in the Institution. For every semester, the student's feedbacks are collected for all the subjects of each programme.
- The feedback system helps to fine-tune the teaching-learning process and the curriculum.
- The Institute follows a well-defined and formal feedback system which comprises of the following points in student's view about faculty members
    1. Understanding of Course Outcome
    2. Punctuality to the class
    3. Effectiveness in Teaching / Demonstration
    4. Quality of presentation
    5. Ability to stimulate students interest
    6. Effective utilization of class hours
    7. Availability and benefit other than class hours
    8. Completion of the syllabus
    9. Prescribed class hours adequate for effective coverage of course content
- Based on the student's feedback, the corrective measures are taken immediately by the Departments and the Institute.

❖ Grievance Redressal mechanism for Faculty, Staff and Students

- The Institute has formed an open system Grievance Redressal Committee (GRC) to attend and processes the grievances received from the students, staff and faculty in a well-organized manner.
- Complaints and suggestion boxes are kept in the number of places in the campus. Those suggestions and complaints are carefully looked into and remedial measures had been taken.
- Grievances regarding the staff and faculty are carefully addressed by the Head of the Institution and the remedial measures had been taken.

- Class Committee meetings are held, in which the grievances of students are taken note of and corrective measures had been taken.

❖ Establishment of Anti- Ragging Committee

The Institution has formed the following Anti-Ragging Committee and Squads for curbing the menace of ragging in the institute with immediate effect.

1) **Anti-ragging Committee:**
   Dr. M. Aramudhan, Associate Professor and Head / IT (9976511124)
   Dr. G. Vasudevan, Assistant Professor / Civil (9442011928)
   Dr. (Mrs). J. Vasanthi, Librarian (9442583321)

2) **Anti-ragging Squads (24x7): Squad-I:**
   Dr. S. Manikandan, Assistant Professor / Physics (9443526122)
   Dr. R. Sathishkumar, Assistant Professor / ECE (9488084135)
   Dr. (Mrs.) R. Tamijetchelvy, Assistant Professor / ECE (9944391385)
   Mr. K. Swaminathan, Lab Technician / IT (9788813865)

3) **Squad-II**
   Dr. A. Sundhar, Assistant Professor and Head / ECE (9488084361)
   Dr. P. Elango, Assistant Professor / IT (9790320292)
   Dr. G. Raje, Assistant Professor / Physics (9486473517)
   Dr. R. Sridarane, Assistant Professor / Chemistry (9976886772)
   Mr. M. Sivakumar, Lab Technician / Physics (9486021430)

The Anti-ragging Squads and Anti-ragging committee jointly decide the punishment and intimate to the Principal in writing for implementation. Depending upon the nature and gravity of the offence as establishment by the Anti-ragging Committee of the College, the possible punishments for those found guilty of ragging at the college level shall be any one or any combination of the following:

- Cancellation of admission.
- Suspension from attending classes.
- Suspension / expulsion from the hostel.
- Withholding / withdrawing scholarship and other benefits.
- Debarring from appearing in any test / examination or other evaluation process.
- Debarring from representing the university in any regional, national or international meet, tournament, youth festival etc.
- Handling over to police for taking necessary action as per IPC.
- Collective punishment: When the persons committing or abetting the crime or ragging are not identified, the college shall resort to collective punishment as a deterrent to ensure community pressure on the potential raggers.
- Any other form of punishment, if suggested.

❖ Establishment of Online Grievances Redressal Mechanism

Provision has been made available in the Institute website, for registering the grievance through grievance-redressal@pkiet.edu.in. The faculty, staff, general public, students and their parents may henceforth approach the Grievance Redressal Committee and submit / register any grievance online, which will be accessed by the GRC headed by the principal, and appropriate action taken and the decision of the GRC will be intimated to the complainant / hosted in the website.

❖ Establishment of Grievances Redressal Committee in the Institution and Appoinment of OMBUDSMAN by the University

As per the AICTE direction, the Governing Body (GB), PKIET constituted Grievance Redressal Committee with the objective of resolving the grievances of students and their parents. All aggrieved students and their parents may submit their grievances online and the Grievance Redressal Committee will address their issues. The grievances include

- making admission contrary to merit
- irregularity in the admission process
- withhold or refuse to return any certificates
- demand of money in excess specified
- breach of the policy of reservation
- complaints of alleged discrimination (SC/ST, OBC, Women, minority or PH)
- non-payment or delay in payment of scholarships to students
- delay in conduct of examinations or declaration of results
- withholding student amenities
- denial of quality education
- non transparent or unfair evaluation practices
- harassment and victimization of students including sexual harassment
- Refund of fees on withdrawal of admissions, etc.

The Grievance Redressal Committee (GRC) comprises the following members:

S. No	Name and Address	Officiating as
1	The Collector, Karaikal District	Convener
2	The Director of Higher and Technical Education, Government of Puducherry	Member
3	The Controller of Examinations or his Nominee Pondicherry University	Member
4	Dr. D. Jayalatchumy, Assistant Professor / Computer Science and Engineering, PKIET	Member
5	The President, Parents Association, PKIET	Member
6	The Principal, PKIET	Member Secretary

All the students and their parents may henceforth approach the Grievance Redressal Committee and submit any grievance online. The GRC shall meet as and when requires and assess the merit of the complaint. The decision of the GRC will be intimated to the complainant / hosted in the website. In case of any false /

frivolous complaint, the GRC will take appropriate action against the complainant.

❖ Establishment of Internal Complaint Committee (ICC)

In pursuance of the clause 4(1), Chapter II of the Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Act, 2013 and "Internal Complaints Committee (ICC)" has been constituted with the following members.

S. No	Name and address	Position	Email
1.	Dr. (Mrs.) G. Raje, Assistant Professor, Physics, Mobile: 9486473517	Presiding Officer	grajii@yahoo.co.in
2.	Dr. (Mrs.) J. Vasanthi, Librarian, Mobile: 9442583321	Member	vasanthipkiet@gmail.com
3	Dr. (Mrs.) G. Arunalatha, Assistant Professor/CSE, Mobile :9486892833	Member	ag_aruna@yahoo.com
4	Mrs. S. Parameshwari, Assistant Professor/IT, Mobile :7598339840	Member	eswari105@gmail.com
5	Dr. (Mrs.) R. Tamijetchelvy, Assistant Professor/ECE, Mobile: 9944391385	Member	tamilpkiet@yahoo.com
6	Mrs. Vaijayanthi Rajan, N. 44, 4th Cross Subbaiyapillai Nagar, Karaikal, Mobile:9443395371	NGO-Member	vaijayanthirajan1955@gmail.com
7	Mr. P. Senthilvelan, President, PKIET Parents Association (No. J-10, Housing Board, Nehru Nagar, Karaikal. Mobile: 9843610702	Member	kirubasenthivelan@gmail.com
8	Ms. S. Saranya, CSE Student, PKIET. Mobile:9344690394	Student	sharanya712pappu@gmail.com
9	Ms. A. Vijayabharathy, ECE Student, PKIET, Mobile: 8508497845	Student	bharathy2701@gmail.com
10	Ms. B. Narmada, IT student, PKIET, Mobile: 8098890146	Student	narmada.badrinarayanan@gmail.com

The Aggrieved women may make, in writing, a complaint of sexual harassment at work place to the Internal Complaints Committee (ICC), within a period of three months from the date of incident. Six (6) copies of a written complaint should be submitted to the committee or any of its members along with list of witnesses and supporting documents. The Internal Complaints Committee conduct inquiry as per the working rules and submit its report along with recommendations to the undersigned for implementation.

❖ Establishment of Committee for SC / ST

As per the guidelines of the All India Council for Technical Education (AICTE), the SC/ST Cell has been constituted in the college to resolve all the affairs and problems related to the students, staff and faculty members belonging to SC/ST communities. The SC/ST Cell safeguards the constitutional rights such as Right to Equality, Prohibition of discrimination, Equality of opportunities, etc. the following are the main objectives of the SC/ST Cell.

- Ensures the effective implementation of the policies and programmes of the Government in respect of SC/ST students and staff.
- To assist the students from the SC/ST communities in improving their academic performance and in optimizing their development in their personal and social life at the Institute.
- To overcome inferior complex related to interaction with fellow students and personal development activities.
- The students admitted in various programmes are to be provided post-admission orientation. The main focus is on the course curriculum, selection of optional subjects, and the whole new multi-cultural and multi-lingual environment that they are to face on the campus and various facilities available to them.
- To arrange language classes for students to improve communication skills and proficiency of language and Personality Development.
- To provide Career counseling to the students.
- Remedial / Co-Curricular coaching for skill development, writing an assignment, making presentation in class, public speaking, job selection and job interviews.
- To conduct special coaching classes using SCP funds provided exclusively for thewelfare of SC/ST students.
- To offer book bank facility semester wise.
- Any other forms of grievances to be redressed.

A committee with the following faculty members / officers is constituted to redressal of grievances.

S.No	Name	Designation	Officiating as
1.	Dr. A. Kumar	The Principal	Chair person
2.	Dr. M. Aramudhan	HoD / IT	Member
3.	Dr. A. Sundhar	HoD/ ECE	Member
4.	Dr. G. Vasudevan	Asst. Professor / Civil	Member
5.	Mrs. S. Parameswari	Asst. Professor / IT	Member
6.	Mrs. S. Prema	The Director (Admin)	Member
7.	Dr. (Mrs). J. Vasanthi	Librarian	Member
8	Dr. S.Manikandan	Asst. Professor / Physics	Liaison Officer

❖ Internal Quality Assurance Cell (IQAC)

In pursuance of the UGC 12th Plan guidelines for establishment and monitoring of the IQACs in Colleges, for performance evaluation, assessment and accreditation and quality up-gradation of institutions of higher education, the NAAC proposes that every accredited institution establish an Internal Quality Assurance Cell (IQAC). The prime task of the IQAC is to develop a system for conscious, consistent and catalytic improvement in the performance of institutions. The IQAC is meant for planning, guiding and monitoring Quality Assurance (QA) and Quality Enhancement (QE) activities of the colleges and aims to make significant and meaningful contribution in this direction.

S.No	Name and Designation	Officiating as
1.	Principal	Chairperson
2.	Dr. M. Aramudhan, HOD/IT	Member
3.	Dr. A. Sundhar, HOD/ECE	Member
4.	Tmt. D. Jayalatchumy, AP/CSE	Member
5.	Dr. G. Vasudevan	Member
6.	Dr. S. Manikandan	Member
7.	Director (Admn.)	Member
8.	Dr. G. Aghila, Professor of CSE, National Institute of Technology - Puducherry, Karaikal	External Expert - Academic
9.	The Chief Manager (HR), ONGC Ltd., Cauvery Asset, Neravy (PO), Karaikal - 609 604, U.T. of Pondicherry	External Expert - Industry

Functions of IQAC

- Development and application of quality benchmarks/parameters for the various academic and administrative activities of PKIET.
- Facilitating the creation of a learner-centric environment conducive for quality education and faculty maturation to adopt the required knowledge and technology for participatory teaching and learning process.
- Arrangement for feedback responses from students, parents and other stakeholders on quality related institutional processes.
- Dissemination of information on the various quality parameters of higher education.
- Organization of inter and intra institutional workshops, seminars on quality related themes and promotion of quality circles.
- Documentation of the various programmes / activities of PKIET, leading to quality improvement.
- Acting as a nodal agency of the college for coordinating quality-related activities, including adoption and dissemination of best practices.
- Development and maintenance of institutional database through Institute Information System for the purpose of maintaining / enhancing the institutional quality.
- Preparation of the Annual Quality Assurance Report (AQAR) of PKIET as per guidelines and parameters of NAAC.

- In terms of UGC Regulations 2010, IQAC shall act as the Documentation and Record-keeping Cell, including assistance in the development of the API criteria based Performance Based Appraisal System (PBAS) proforma using the indicative template separately developed by the UGC. In order to facilitate the process, all teachers shall submit the duly filled-in PBAS proforma to the IQAC.

Benefits of IQAC

- Ensure heightened level of clarity and focus in institutional functioning towards quality enhancement.
- Ensure internalization of the quality culture.
- Ensure enhancement and integration among the various activities of the college and good practices.
- Provide a sound basis for decision-making to improve institutional functioning.
- Act as a dynamic system for quality changes in PKIET.
- Build an organized methodology of documentation and internal communication.

6) Programmes

❖ Name of the Programme Approved by AICTE

- B. Tech Agricultural Engineering (AGRI)
- B. Tech Biomedical Engineering (BME)
- B. Tech Petrochemical Engineering (PETRO)

❖ Name of the Programme Accredited by NBA: NIL

❖ Status of Accreditation of the Courses

- Total Number of Courses: 06
- No. of Courses for which Applied for Accreditation: 02 (CSE and IT)
- Status of Accreditation of the Courses: Rejected

❖ For each Programme the following details are to be given

Year	**2018-2019**		
Name of the Course	**B. Tech CSE**	**B. Tech IT**	**B. Tech ECE**
Number of Seats	60	60	60
Duration	4 Years	4 Years	4 Years
Cut off Marks	119.333	82.667	93.667
Fee	Puducherry State: Rs. 17,160 Other State: Rs. 42,160	Puducherry State: Rs. 17,160 Other State: Rs. 42,160	Puducherry State: Rs. 17,160 Other State: Rs. 42,160
Placement Facilities	Yes	Yes	Yes
Campus Placement Min / Max / Avg Salary	Max: 6 Lakh/Annum, Min: 2 Lakh/annum		

Year	2019-2020		
Name of the Course	**B. Tech CSE**	**B. Tech IT**	**B. Tech ECE**
Number of Seats	54	54	54
Duration	4 Years	4 Years	4 Years
Cut off Marks	46.333	42	41.667
Fee	Puducherry State: Rs. 17,160 Other State: Rs. 42,160	Puducherry State: Rs. 17,160 Other State: Rs. 42,160	Puducherry State: Rs. 17,160 Other State: Rs. 42,160
Placement Facilities	Yes	Yes	Yes
Campus Placement Min / Max / Avg Salary	Max: 3.5 Lakh/Annum, Min: 2 Lakh/annum		

Year	2020-2021					
Name of the Course	**B. Tech CSE**	**B. Tech IT**	**B. Tech ECE**	**B. Tech AGRI**	**B. Tech BME**	**B. Tech PETRO**
Number of Seats	-	-	-	60	60	60
Duration	4 Years	4 Years	4 Years	4 Years	4 Years	4 Years
Cut off Marks	-	-	-	42.667	48.667	44.333
Fee	8,500 (UT) 33,160 (Other State)	8,500 (UT) 33,160 (Other State)	8,500 (UT) 33,160 (Other State)	Puducherry State: Rs. 17,160 Other State: Rs. 42,160	Puducherry State: Rs. 17,160 Other State: Rs. 42,160	Puducherry State: Rs. 17,160 Other State: Rs. 42,160
Placement Facilities	Yes	Yes	Yes	-	-	-
Campus Placement Min / Max / Avg Salary	Max: 3.5 Lakh/Annum, Min: 2 Lakh/annum			-	-	-

7) Faculty

- ✓ Permanent Faculty : 28 (Teaching) + 01 (Librarian)
- ✓ Adjunct Faculty : NIL
- ✓ Permanent Faculty : Student Ratio : 1:15

Department of Computer Science and Engineering

Permanent Faculty Profile

8) Profile

Name of the Teaching Staff	**Dr. A. KUMAR**		
Date of Birth	24.04.1962		
Designation	Associate Professor & HOD		
Department	CSE		
Unique ID	1-507550981		
Date of Joining the Institution	14.11.2007		
Qualification with Class / Grade	UG	PG	Ph. D
	B.Sc.	M.Sc., M. Tech Computer Science and Engineering	Computer Science and Engineering
Total Experience in Years	Teaching: 36 Years	Industry: Nil	Research: 15 Years
Papers Published in Journals	National: 03	International: 12	
Papers Presented in Conferences	National: -	International: 01	
PhD Guide / Give field & University	Field:	University:	
PhDs / Projects Guided	PhDs: Nil	Projects at Masters Level: Nil	
Books Published / IPRs/ Patents	-		
FDP / STTP Attended	06		
Area of Specialization	Database Management and Information Security		
Professional Memberships	Life Member – Computer Society of India		
Consultancy Activities	-		
Awards	-		
Grants fetched	Nil		
Interaction with Professional Institutions	Nil		

Name of the Teaching Staff	**Dr. R. BUVANESVARI**		
Date of Birth	28.09.1982		
Designation	Assistant Professor		
Department	CSE		
Unique ID	1-793822046		
Date of Joining the Institution	19.01.2009		
Qualification with Class / Grade	UG	PG	Ph. D
	B.Tech (Information Technology) / First Class with Distinction	M.E (Computer Science and Engineering) / First Class with Distinction	Computer Science and Engineering, Highly Commented
Total Experience in Years	Teaching: 13.2 Years	Industry: Nil	Research: Nil
Papers Published in Journals	National: 02	International: 12	
Papers Presented in Conferences	National: 07	International: 15	
PhD Guide / Give field & University	Field: Computer Science and Engineering	University: Pondicherry University	
PhDs / Projects Guided	PhDs: Nil	Projects at Masters Level: Nil	
Books Published / IPRs/ Patents	E-commerce , Charulatha Publication		
FDP / STTP Attended	06		
Area of Specialization	Information Centric Networking, Image Processing		
Professional Memberships	MISTE		
Consultancy Activities	Nil		
Awards	Received Merit Certificates and Cash Award for Producing 100% University Exam Results		
Grants fetched	Nil		
Interaction with Professional Institutions	Nil		

Name of the Teaching Staff	**Dr. D. JAYALATCHUMY**		
Date of Birth	06.07.1982		
Designation	Assistant Professor		
Department	CSE		
Unique ID	1-510130023		
Date of Joining the Institution	09-01-2009		
Qualification with Class / Grade	UG	PG	Ph. D
	B. Tech (CSE) / First Class	M. Tech (CSE) / First Class	Ph. D (CSE)
Total Experience in Years	Teaching: 13 Years	Industry: Nil	Research: Nil
Papers Published in Journals	National:	International: 06	
Papers Presented in Conferences	National: 02	International: 03	
PhD Guide / Give field & University	Field: Computer Science and Engineering	University: Pondicherry University	
PhDs / Projects Guided	PhDs: Nil	Projects at Masters Level: Nil	
Books Published / **Chapters in Book Series** / IPRs/ Patents	04		
FDP / STTP Attended	21		
Area of Specialization	Big Data Management		
Professional Memberships	Life Member of India Society for Technical Education (ISTE) (ID No: LM 128994)		
Consultancy Activities	Nil		
Awards	NPTEL Discipline Star Award in Jan – Apr 2021		
Grants fetched	Nil		
Interaction with Professional Institutions	Nil		

Name of the Teaching Staff	**G. ARUNALATHA**		
Date of Birth	15.03.1977		
Designation	Assistant Professor		
Department	Computer Science and Engineering		
Unique ID	1-510130031		
Date of Joining the Institution	12.01.2009		
Qualification with Class / Grade	UG	PG	Ph. D
	First class	First class	CSE
Total Experience in Years	Teaching: 18 years	Industry: -	Research: -
Papers Published in Journals	National: -	International: 14	
Papers Presented in Conferences	National:3	International: 8	
PhD Guide / Give field & University	Field: -	University: -	
PhDs / Projects Guided	PhDs: -	Projects at Masters Level:-	
Books Published / IPRs/ Patents	-		
FDP / STTP Attended	13		
Area of Specialization	Image Processing		
Professional Memberships	International Association of Engineers		
Consultancy Activities	-		
Awards	-		
Grants fetched	-		
Interaction with Professional Institutions	-		

Name of the Teaching Staff	**Mr. V. PRASATH**		
Date of Birth	29.06.1983		
Designation	Assistant Professor		
Department	CSE		
Unique ID	1-510129971		
Date of Joining the Institution	07.10.2010		
Qualification with Class / Grade	UG	PG	Ph. D
	B. Tech CSE (First Class)	M. Tech Information Security (First Class)	-
Total Experience in Years	Teaching: 11 Years	Industry: 02	Research: Nil
Papers Published in Journals	National: -	International: 05	
Papers Presented in Conferences	National: -	International: 05	
PhD Guide / Give field & University	Field: -	University: -	
PhDs / Projects Guided	PhDs: Nil	Projects at Masters Level: Nil	
Books Published / IPRs/ Patents	01		
FDP / STTP Attended	05		
Area of Specialization	Information Security		
Professional Memberships	-		
Consultancy Activities	Nil		
Awards	-		
Grants fetched	Nil		
Interaction with Professional Institutions	Nil		

Name of the Teaching Staff	**Dr. J. UDAYAKUMAR**		
Date of Birth	13.06.1983		
Designation	Assistant Professor		
Department	Computer Science and Engineering		
Unique ID	1-510129975		
Date of Joining the Institution	11 – 10 - 2010		
Qualification with Class / Grade	UG	PG	Ph. D
	B.Tech / First Class	M.Tech., First Class	Awarded
Total Experience in Years	Teaching: 12 yrs & 8 months	Industry: -	Research: -
Papers Published in Journals	National: -	International: 09	
Papers Presented in Conferences	National: 01	International: 03	
PhD Guide / Give field & University	Field: -	University: -	
PhDs / Projects Guided	PhDs: -	Projects at Masters Level: -	
Books Published / IPRs/ Patents	-		
FDP / STTP Attended	13		
Area of Specialization	Information Security, Digital Image Processing		
Professional Memberships	-		
Consultancy Activities	-		
Awards	-		
Grants fetched	-		
Interaction with Professional Institutions	-		

Name of the Teaching Staff	**Mrs. D. JERENE**		
Date of Birth	13.03.1982		
Designation	Assistant Professor		
Department	CSE		
Unique ID	1-510130035		
Date of Joining the Institution	07.03.2011		
Qualification with Class / Grade	UG	PG	Ph. D
	IT (First Class)	IT (First Class)	-
Total Experience in Years	Teaching: 18 Years	Industry: -	Research: Nil
Papers Published in Journals	National: -	International: -	
Papers Presented in Conferences	National: -	International: -	
PhD Guide / Give field & University	Field: -	University: -	
PhDs / Projects Guided	PhDs: Nil	Projects at Masters Level: Nil	
Books Published / IPRs/ Patents	-		
FDP / STTP Attended	-		
Area of Specialization	-		
Professional Memberships	-		
Consultancy Activities	Nil		
Awards	-		
Grants fetched	Nil		
Interaction with Professional Institutions	Nil		

Department of Information Technology

Permanent Faculty Profile

Name of the Teaching Staff	**Dr. M. ARAMUDHAN**		
Date of Birth	23.10.1973		
Designation	Principal		
Department	Information Technology		
Unique ID	1-507572735		
Date of Joining the Institution	21.01.2009		
Qualification with Class / Grade	UG	PG	Ph. D
	B. E Computer Science	M.E Computer Science and Engineering	Faculty of Information and Communication Engineering
Total Experience in Years	Teaching: 16 Years	Industry: Nil	Research: 13 Years
Papers Published in Journals	National: 15	International: 75	
Papers Presented in Conferences	National: 04	International: 24	
PhD Guide / Give field & University	Field: Computer Networking	University: Bharathiyar University, Sathiyabama University, MS University, Periyar University and VIT	
PhDs / Projects Guided	PhDs: 26	Projects at Masters Level: Nil	
Books Published / IPRs/ Patents	01		
FDP / STTP Attended	07		
Area of Specialization	Computer Networks		
Professional Memberships	CSI, ISTE		
Consultancy Activities	EDI		
Awards	Two Best Paper Awards Young Teacher Award (AICTE)		
Grants fetched	80,000		
Interaction with Professional Institutions	EGS Pillay Engineering College		

Name of the Teaching Staff	**Dr. P. ELANGO**		
Date of Birth	15.04.1974		
Designation	Assistant Professor & HOD		
Department	Information Technology		
Unique ID	1-510111155		
Date of Joining the Institution	09.11.2007		
Qualification with Class / Grade	UG	PG	Ph. D
	First Class	M.Tech. First Class. NIT Surathkal, Karnataka	Completed 2011 NIT Trichy, Tamil Nadu
Total Experience in Years	Teaching: 15	Industry: -	Research: -
Papers Published in Journals	National: 05	International: 25	
Papers Presented in Conferences	National: 05	International: 10	
PhD Guide / Give field & University	Field: image processing, Web Mining	University: Bharathiar University, Coimbatore	
PhDs / Projects Guided	PhDs: 05(Completed) 02- Perusing	Projects at Masters Level:-	
Books Published / IPRs/ Patents	Nil		
FDP / STTP Attended	10		
Area of Specialization	Image Processing, Cloud Computing		
Professional Memberships	ISTE		
Consultancy Activities	-		
Awards	-		
Grants fetched	-		
Interaction with Professional Institutions	-		

Name of the Teaching Staff	**Dr. S. TIROUMALMOUROUGHANE**		
Date of Birth	25.09.1976		
Designation	Assistant Professor		
Department	Information Technology		
Date of Joining the Institution	13.01.2009		
Qualification with Class / Grade	UG	PG	Ph. D
	B. Tech CSE	M. Tech CSE (I class)	Web Services
Total Experience in Years	Teaching: 15 years	Industry: NIL	Research: 04
Papers Published in Journals	National: NIL	International: 02	
Papers Presented in Conferences	National: NIL	International: NIL	
PhD Guide / Give field & University	Field: NIL	University: NIL	
PhDs / Projects Guided	PhDs: NIL	Projects at Masters Level: NIL	
Books Published / IPRs/ Patents	NIL		
FDP / STTP Attended	02		
Area of Specialization	Web Services, Artificial Intelligence and Data Science		
Professional Memberships	NIL		
Consultancy Activities	NIL		
Awards	NIL		
Grants fetched	NIL		
Interaction with Professional Institutions	NIL		

Name of the Teaching Staff	**Mrs. S. PARAMESWARI**		
Date of Birth	10.03.1982		
Designation	Assistant Professor		
Department	Information Technology		
Unique ID	1-510130007		
Date of Joining the Institution	25.03.2009		
Qualification with Class / Grade	UG	PG	Ph. D
	M.C.A	M.TECH	PURSUING
Total Experience in Years	Teaching: 13 Years	Industry: -	Research: -
Papers Published in Journals	National:	International:	
Papers Presented in Conferences	National:	International: 1	
PhD Guide / Give field & University	Field: -	University: -	
PhDs / Projects Guided	PhDs:	Projects at Masters Level:	
Books Published / IPRs/ Patents	-		
FDP / STTP Attended	2		
Area of Specialization	VANET		
Professional Memberships	ISTE LIFE MEMBER		
Consultancy Activities	-		
Awards	-		
Grants fetched	-		
Interaction with Professional Institutions	-		

Name of the Teaching Staff	**Mrs. K. MUTHUVENI**		
Date of Birth	12.01.1981		
Designation	Assistant Professor		
Department	Information Technology		
Unique ID	1-1509421524		
Date of Joining the Institution	09.03.2009		
Qualification with Class / Grade	UG	PG	Ph. D
	B. Tech / First Class	M.E / First Class	-
Total Experience in Years	Teaching: 13 Years 11Months	Industry: 2 years	Research: -
Papers Published in Journals	National: -	International: -	
Papers Presented in Conferences	National:	International:	
PhD Guide / Give field & University	Field: -	University: -	
PhDs / Projects Guided	PhDs: -	Projects at Masters Level:-	
Books Published / IPRs/ Patents	-		
FDP / STTP Attended	04		
Area of Specialization	Web Technology, Artificial Intelligence		
Professional Memberships	MISTE, MIE		
Consultancy Activities	-		
Awards	-		
Grants fetched	-		
Interaction with Professional Institutions	-		

Name of the Teaching Staff	**Dr. D. RAJAGURU**		
Date of Birth	03.06.1984		
Designation	Assistant Professor		
Department	Information Technology		
Unique ID	1-510129999		
Date of Joining the Institution	04/10/2010		
Qualification with Class / Grade	UG	PG	Ph. D
	First class	First class	First class
Total Experience in Years	Teaching: 12	Industry: Nil	Research: Nil
Papers Published in Journals	National: -	International: 06	
Papers Presented in Conferences	National: -	International: 13	
PhD Guide / Give field & University	Field: NIL	University: NIL	
PhDs / Projects Guided	PhDs: NIL	Projects at Masters Level: NIL	
Books Published / IPRs/ Patents	NIL		
FDP / STTP Attended	08		
Area of Specialization	VANET		
Professional Memberships	NIL		
Consultancy Activities	NIL		
Awards	NIL		
Grants fetched	NIL		
Interaction with Professional Institutions	NIL		

Name of the Teaching Staff	**Dr. S. BALAMURUGAN**		
Date of Birth	05.07.1980		
Designation	Assistant professor		
Department	Information technology		
Unique ID	1-510130043		
Date of Joining the Institution	28/02/2011		
Qualification with Class / Grade	UG	PG	Ph. D
	B.TECH. (CSE) I Class	M.TECH. (DCS) I Class	Computer Science and Engineering
Total Experience in Years	Teaching: 11 years	Industry:	Research:
Papers Published in Journals	National: --	International: 05	
Papers Presented in Conferences	National: 03	International: 04	
PhD Guide / Give field & University	Field: --	University: --	
PhDs / Projects Guided	PhDs: --	Projects at Masters Level:--	
Books Published / IPRs/ Patents			
FDP / STTP Attended	08		
Area of Specialization	Cloud Computing		
Professional Memberships	Life Member in ISTE		
Consultancy Activities	--		
Awards	--		
Grants fetched	--		
Interaction with Professional Institutions	--		

Department of Electronics and Communication Engineering

Permanent Faculty Profile

Name of the Teaching Staff	**Dr. A. SUNDHAR**		
Date of Birth	27.06.1981		
Designation	Assistant Professor		
Department	ECE		
Unique ID	1-507551065		
Date of Joining the Institution	13.11.2007		
Qualification with Class / Grade	UG	PG	Ph. D
	B. Tech ECE (First Class)	M. Tech ECE (8.34 CGPA)	Ph. D (ECE)
Total Experience in Years	Teaching: 15	Industry: -	Research: -
Papers Published in Journals	National: 01	International: 09	
Papers Presented in Conferences	National: 01	International: 10	
PhD Guide / Give field & University	Field: -	University: -	
PhDs / Projects Guided	PhDs: -	Projects at Masters Level:-	
Books Published / IPRs/ Patents	-		
FDP / STTP Attended	10		
Area of Specialization	Microelectronics, Spread Spectrum Communication, Embedded Systems		
Professional Memberships	MISTE, MIE		
Consultancy Activities	-		
Awards	ISTE Baroda Chapter Award for Best Paper		
Grants fetched	-		
Interaction with Professional Institutions	-		

Name of the Teaching Staff	**Dr. R. TAMIJETCHELVY**		
Date of Birth	29.07.1982		
Designation	Assistant Professor & HOD		
Department	ECE		
Unique ID	1-793822042		
Date of Joining the Institution	12.01.2009		
Qualification with Class / Grade	UG	PG	Ph. D
	B. Tech ECE (First Class)	M. E Applied Electronics (First Class)	Wireless Communication (ECE)
Total Experience in Years	Teaching: 15 Years	Industry: -	Research: 5 Years
Papers Published in Journals	National: -	International: 13	
Papers Presented in Conferences	National: 02	International: 11	
PhD Guide / Give field & University	Field: -	University: -	
PhDs / Projects Guided	PhDs: -	Projects at Masters Level: -	
Books Published / IPRs/ Patents	-		
FDP / STTP Attended	18		
Area of Specialization	VLSI Design, Cryptography and Network Security, Mobile Communication		
Professional Memberships	ISTE, IE, SDIWC, IAENG, IASED		
Consultancy Activities	NIL		
Awards	NIL		
Grants fetched	NIL		
Interaction with Professional Institutions	NIL		

Department of Biomedical Engineering

Permanent Faculty Profile

Name of the Teaching Staff	**Dr. R. SATHISHKUMAR**		
Date of Birth	19.03.1979		
Designation	Assistant Professor & HOD		
Department	ECE		
Unique ID	1-507480037		
Date of Joining the Institution	21.01.2009		
Qualification with Class / Grade	UG	PG	Ph. D
	Electronics & Instrumentation	Applied Electronics	ECE
Total Experience in Years	Teaching: 20 Years	Industry: 06 Months	Research: -
Papers Published in Journals	National: -	International: 05	
Papers Presented in Conferences	National:-	International: 02	
PhD Guide / Give field & University	Field: -	University: -	
PhDs / Projects Guided	PhDs: -	Projects at Masters Level:-	
Books Published / IPRs/ Patents	-		
FDP / STTP Attended	28		
Area of Specialization	Visual Cryptography		
Professional Memberships	MISTE		
Consultancy Activities	-		
Awards	-		
Grants fetched	-		
Interaction with Professional Institutions	-		

Name of the Teaching Staff	**Mr. B. SHANKARLAL**		
Date of Birth	12.07.1982		
Designation	Assistant Professor		
Department	ECE		
Unique ID	1-510129995		
Date of Joining the Institution	30. 09. 2010		
Qualification with Class / Grade	UG	PG	Ph. D
	B.E ECE - I CLASS	M.E AE - I CLASS	ECE - PURSUING
Total Experience in Years	Teaching: 15 Years 10 months	Industry: -	Research: -
Papers Published in Journals	National: -	International: 11(2 SCI, ESCI)	
Papers Presented in Conferences	National: 06	International: 05	
PhD Guide / Give field & University	Field: -	University: -	
PhDs / Projects Guided	PhDs: -	Projects at Masters Level: -	
Books Published / IPRs/ Patents	01		
FDP / STTP Attended	11 One week FDP, 6 Two weeks FDP, 4 National Level Webinars, 2 International webinars, and 2 international Workshops		
Area of Specialization	Image Processing		
Professional Memberships	Fellow in IETE, LM ISTE, M IEEE, M IRED, and M IAENG		
Consultancy Activities	NIL		
Awards	NIL		
Grants fetched	NIL		
Interaction with Professional Institutions	NIL		

Name of the Teaching Staff	**Mr. M. MANOJ KUMAR**		
Date of Birth	31.08.1980		
Designation	Assistant Professor		
Department	ECE		
Unique ID	1-510130015		
Date of Joining the Institution	05.10.2010		
Qualification with Class / Grade	UG	PG	Ph. D
	B.E. (I Class with Distinction)	M.E. (I Class)	-
Total Experience in Years	Teaching: 11	Industry: -	Research: -
Papers Published in Journals	National: -	International: -	
Papers Presented in Conferences	National: -	International: -	
PhD Guide / Give field & University	Field: -	University: -	
PhDs / Projects Guided	PhDs: -	Projects at Masters Level:-	
Books Published / IPRs/ Patents	-		
FDP / STTP Attended	-		
Area of Specialization	Communication System		
Professional Memberships	-		
Consultancy Activities	-		
Awards	-		
Grants fetched	-		
Interaction with Professional Institutions	-		

Department of Agricultural Engineering

Permanent Faculty Profile

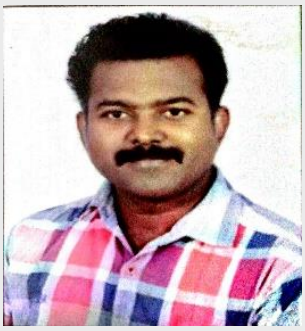
Name of the Teaching Staff	**Dr. G. VASUDEVAN**		
Date of Birth	15.12.1967		
Designation	Assistant Professor & HOD		
Department	Civil Engineering		
Unique ID	1-508821371		
Date of Joining the Institution	15.11.2007		
Qualification with Class / Grade	UG	PG	Ph. D
	B.Tech – Civil Engineering First Class with Distinction	M.E – Structural Engineering First Class with Distinction	Ph.D – Civil Engineering
Total Experience in Years	Teaching: 20 years	Industry: 8 years	Research: 6 years (along with teaching)
Papers Published in Journals	National: 2	International: 8	
Papers Presented in Conferences	National: 2	International: 4	
PhD Guide / Give field & University	Field: -	University: -	
PhDs / Projects Guided	PhDs: -	Projects at Masters Level: -	
Books Published / IPRs/ Patents	-		
FDP / STTP Attended	27		
Area of Specialization	Structural Engineering		
Professional Memberships	1. Institution of Engineers (India) (MIE), March 2008, Life Member, M-135809-4 2. Chartered Engineer (India) (CE), May 2008, Life Member, M-135809-4 3. Indian Concrete Institute (MICI), 2008, Life Member, LM 4122 4. Indian Society for Technical Education (MISTE), 2002, Life Member, LM 34618		
Consultancy Activities	-		
Awards	**Awards / Prizes Received** 1. Recipient of **Pondicherry University Gold Medal** for securing first rank in B. Tech (Civil Engineering) under graduate studies. 2. Recipient of **Outstanding Student Award** from Pondicherry Engineering College during B. Tech degree course. 3. Recipient of **Best Student Award** from Pondicherry Engineering		

	College during B. Tech degree course. 4. Recipient of **Best Project Award** from Pondicherry Engineering College during B. Tech degree course. 5. Secured **First Rank (out of 67 participants) in the Structural Engineering Test conducted by NICEE, Indian Institute of Technology Kanpur** during the Earthquake Engineering Literature Survey Workshop held during 10-19 July, 2010. 6. Received "**Best Paper Award**" for the paper with title "**Behaviour prediction of RC beams – Comparison of Experimental, FEA and Analytical methods**" presented at the IEEE-International Conference on Advances in Engineering, Science and Management (ICAESM 2012) held at E.G.S. Pillay Engineering College, Nagapattinam 611 012, INDIA during March 30, 31- 2012. 7. Received "**State Level NSS Award for Best Programme Officer 2016**" by the Govt. of Puducherry for the outstanding performance as NSS Programme Officer from 2013 to 2016.
Grants fetched	-
Interaction with Professional Institutions	-

Department of Petrochemical Engineering

Permanent Faculty Profile

Name of the Teaching Staff	**Mr. M. PRAVIN KUMAR**		
Date of Birth	24.11.1978		
Designation	Assistant Professor & HOD		
Department	Mechanical Engineering		
Unique ID	1-507551069		
Date of Joining the Institution	15.11.2007		
Qualification with Class / Grade	UG	PG	Ph. D
	B. Tech Mechanical Engineering (First Class)	M. E Manufacturing Engg (First Class)	Pursuing
Total Experience in Years	Teaching: 17 Years	Industry: NIL	Research: NIL
Papers Published in Journals	National: NIL	International: NIL	
Papers Presented in Conferences	National: NIL	International: 01	
PhD Guide / Give field & University	Field: NIL	University: NIL	
PhDs / Projects Guided	PhDs: NIL	Projects at Masters Level: NIL	
Books Published / IPRs/ Patents	NIL		
FDP / STTP Attended	NIL		
Area of Specialization	Solid State Welding		
Professional Memberships	NIL		
Consultancy Activities	NIL		
Awards	NIL		
Grants fetched	NIL		
Interaction with Professional Institutions	NIL		

Name of the Teaching Staff	**Mr. K. GNANAMURUGAN**		
Date of Birth	08.09.1978		
Designation	Assistant Professor		
Department	Mechanical Engineering		
Unique ID	1-510129959		
Date of Joining the Institution	29.09.2010		
Qualification with Class / Grade	UG	PG	Ph. D
	B. Tech Mechanical Engg (First Class)	M. E CADD (First Class)	Pursuing
Total Experience in Years	Teaching: 13 Years	Industry: 01 Year	Research:
Papers Published in Journals	National: NIL	International: NIL	
Papers Presented in Conferences	National: NIL	International: NIL	
PhD Guide / Give field & University	Field: NIL	University: NIL	
PhDs / Projects Guided	PhDs: NIL	Projects at Masters Level: NIL	
Books Published / IPRs/ Patents	NIL		
FDP / STTP Attended	NIL		
Area of Specialization	CAD		
Professional Memberships	NIL		
Consultancy Activities	NIL		
Awards	NIL		
Grants fetched	NIL		
Interaction with Professional Institutions	NIL		

Department of Mathematics

Permanent Faculty Profile

Name of the Teaching Staff	**Dr. P. NANDAKUMAR**		
Date of Birth	08.07.1975		
Designation	Assistant Professor		
Department	Mathematics		
Unique ID	1-510145765		
Date of Joining the Institution	15.11.2007		
Qualification with Class / Grade	UG	PG	Ph. D
	B. SC Mathematics (First Class)	M. SC Mathematics M. Phil Mathematics (First Class)	Awarded
Total Experience in Years	Teaching: 20 Years	Industry: Nil	Research: 20 Years
Papers Published in Journals	National: 02	International: 12	
Papers Presented in Conferences	National: 04	International: 01	
PhD Guide / Give field & University	Field: Modern Algebra, Fuzzy Algebra	University: -	
PhDs / Projects Guided	PhDs: 03	Projects at Masters Level: Nil	
Books Published / IPRs/ Patents	Engineering Mathematics		
FDP / STTP Attended	01		
Area of Specialization	Modern Algebra, Fuzzy Algebra		
Professional Memberships	Ramanujan Mathematical Society		
Consultancy Activities	-		
Awards	-		
Grants fetched	Nil		
Interaction with Professional Institutions	Nil		

Name of the Teaching Staff	**Dr. R. IILANGOVANE**		
Date of Birth	15.05.1977		
Designation	Assistant Professor		
Department	Mathematics		
Unique ID	1-510145785		
Date of Joining the Institution	07-11-2007		
Qualification with Class / Grade	UG	PG	Ph. D
	B.Sc (Maths) I-Class	M.Sc (Maths) I-Class	Ph.D
Total Experience in Years	Teaching: 14 years	Industry: -	Research: 4 years
Papers Published in Journals	National: 02	International: 05	
Papers Presented in Conferences	National:04	International: 02	
PhD Guide / Give field & University	Field: -	University: -	
PhDs / Projects Guided	PhDs: -	Projects at Masters Level:-	
Books Published / IPRs/ Patents	-		
FDP / STTP Attended	11		
Area of Specialization	Nonlinear Dynamics – Integral Systems		
Professional Memberships	-		
Consultancy Activities	-		
Awards	CSIR-JRF & SRF Awarded		
Grants fetched	-		
Interaction with Professional Institutions	SASTRA Deemed University, Kumbakonam		

Department of Physics

Permanent Faculty Profile

Name of the Teaching Staff	**Dr. S. MANIKANDAN**		
Date of Birth	15.07.1964		
Designation	Assistant Professor		
Department	Physics		
Unique ID	1-510183801		
Date of Joining the Institution	14-11-2007		
Qualification with Class / Grade	UG	PG	Ph. D
	B,Sc	M.Sc	Ph.D
Total Experience in Years	Teaching: 30	Industry: --	Research: --
Papers Published in Journals	National:	International: 14	
Papers Presented in Conferences	National:12	International: 2	
PhD Guide / Give field & University	Field: Photonic Materials	University: Bharathidasan University	
PhDs / Projects Guided	PhDs: 01	Projects at Masters Level:05	
Books Published / IPRs/ Patents	--		
FDP / STTP Attended	24		
Area of Specialization	Photonic Materials		
Professional Memberships	Life member in ISTE Life member in Photonic Society of India		
Consultancy Activities	--		
Awards	NSS State Award		
Grants fetched	Travel Grand from AICTE, MRP from UGC		
Interaction with Professional Institutions	--		

Name of the Teaching Staff	**Dr. G RAJE**		
Date of Birth	31.01.1977		
Designation	Assistant Professor		
Department	PHYSICS		
Unique ID	1-9312264685		
Date of Joining the Institution	07/11/2007		
Qualification with Class / Grade	UG	PG	Ph. D
	B.Sc. (Physics), first class	M.Sc.,(first class), M. Phil Distinction with gold medal	Highly commended
Total Experience in Years	Teaching: 17	Industry:	Research: 3
Papers Published in Journals	National:	International: 5	
Papers Presented in Conferences	National: 3	International: 2	
PhD Guide / Give field & University	Field: High pressure physics, Ionic conductors	University:	
PhDs / Projects Guided	PhDs: 0	Projects at Masters Level: 0	
Books Published / IPRs/ Patents	0		
FDP / STTP Attended	7		
Area of Specialization	Ionic Conductor, Semiconductor, High Pressure Physics		
Professional Memberships	Energy Science Society of India		
Consultancy Activities	Nil		
Awards	Nil		
Grants fetched	Nil		
Interaction with Professional Institutions	Nil		

Department of Chemistry

Permanent Faculty Profile

Name of the Teaching Staff	**Dr. M. DHAMODARAN**		
Date of Birth	12.07.1975		
Designation	Assistant Professor		
Department	Chemistry		
Unique ID	1-510145781		
Date of Joining the Institution	07.11.2007		
Qualification with Class / Grade	UG	PG	Ph. D
	Chemistry, 71.43, I Class	Chemistry, 80.42, I Class with Distinction	Chemistry Commended
Total Experience in Years	Teaching: 15 Y, 02M	Industry:	Research: 10 Y
Papers Published in Journals	National: 09	International: 20	
Papers Presented in Conferences	National: 07	International: 10	
PhD Guide / Give field & University	Field: Chemistry	University:	
PhDs / Projects Guided	PhDs: 06 (Awarded:05)	Projects at Masters Level:	
Books Published / IPRs/ Patents			
FDP / STTP Attended	Orientation Course: 02, Refresher Course: 02 FDP: 04, STTP: 07		
Area of Specialization	Polymer Chemistry, Nano Science		
Professional Memberships	ISTE Life member – LM 39055		
Consultancy Activities			
Awards	❖ Best NSS Programme Officer 2021 Award by Karaikal District Administration, Government of Puducherry. ❖ KALVI RATHNA AWARD from LIONS CLUB		
Grants fetched			
Interaction with Professional Institutions			

Name of the Teaching Staff	**Dr. R. Sridarane**		
Date of Birth	04.06.1975		
Designation	Assistant Professor		
Department	Chemistry		
Unique ID	1-510145793		
Date of Joining the Institution	07-11-2007		
Qualification with Class / Grade	UG	PG	Ph. D
	Chemistry / II	M. Sc & Tech / I	Chemistry
Total Experience in Years	Teaching: 15 Years	Industry: NIL	Research: 5 Years
Papers Published in Journals	National: NIL	International: 7	
Papers Presented in Conferences	National: 5	International: 1	
PhD Guide / Give field & University	Field: NIL	University: NIL	
PhDs / Projects Guided	PhDs: NIL	Projects at Masters Level: NIL	
Books Published / IPRs/ Patents	NIL		
FDP / STTP Attended	10		
Area of Specialization	-		
Professional Memberships	ESSI		
Consultancy Activities	NIL		
Awards	SRF		
Grants fetched	NIL		
Interaction with Professional Institutions	---		

Library and Knowledge Centre

Name of the Teaching Staff	Dr. J. Vasanthi		
Data of Birth	07.05.1964		
Designation	College Librarian		
Department	Library and Knowledge Centre		
Unique ID	LB 01		
Date of Joining the Institution	06.12.2007		
Qualification with Class / Grade	UG	PG	Ph. D
	B. A., B.L.I.S	M. A, M.L.I.S	Awarded
Total Experience in Years	Teaching: -	Industry: -	Research: 5 Years
Papers Published in Journals	National: 02	International: 01	
Papers Presented in Conferences	National: 12	International: 04	
PhD Guide / Give field & University	Field: -	University: -	
PhDs / Projects Guided	PhDs: NIL	Projects at Masters Level: NIL	
Books Published / IPRs/ Patents	NIL		
FDP / STTP Attended	05		
Area of Specialization	Library Automation		
Professional Memberships	-		
Consultancy Activities	NIL		
Awards	NIL		
Grants fetched	NIL		
Interaction with Professional Institutions	NIL		

9) Fee

❖ Details of Fee, as Approved by State Fee Committee, for the Institution

S. No	Fees Structure	1st Year		(2nd to 4th) Year	
		U.T of Puducherry Students	Other State Students	U.T of Puducherry Students	Other State / Self-supporting Students
1	Admission fees	1000	1000	-	-
2	Tuition fees	waived	25,000	waived	25,000
3	Special fee per annum	3000	3000	3000	3000
4	Library fee per annum	1500	1500	1500	1500
5	Library Deposit	1000	1000	-	-
6	Computer charges per annum	1500	1500	1500	1500
7	Student council fee	250	250	250	250
8	Student welfare fund fee	250	250	250	250
9	Cultural fee for annum	500	500	500	500
10	Laboratory fee for annum	1000	1000	1000	1000
11	Alumni life member fee	300	300	-	-
12	Caution deposit	5000	5000	-	-
13	Internet fee	500	500	500	500
14	University development fee	1000	1000	-	-
15	Recognition fee	180	180	-	-
16	Matriculation fee	30	30	-	-
17	Registration fee	40	40	-	-
18	Sports fee	100	100	-	-
19	Syllabus (B. Tech.)	10	10	-	-
	Total	**17,160**	**42,160**	**8,500**	**33,160**

❖ Time Schedule for payment of Fee for the entire Programme: 2 Months

❖ Number of fee waivers granted with amount and name of students: NIL

❖ Number of scholarships offered by the Institute, duration and amount: NIL

❖ Criteria for fee waiver / scholarship: Not Applicable

❖ Estimated cost of Boarding and Lodging in Hostels: NIL

❖ Any Other Fee Please Specify: NIL

10) Admission

❖ Number of seats sanctioned with the year of Approval:

Sl. No	UG Programme	Intake	Year of Starting
1	B. Tech Computer Science and Engineering	60	2018-19
2	B. Tech Information Technology	60	2018-19
3	B. Tech Electronics and Communication Engineering	60	2018-19

Sl. No	UG Programme	Intake	Year of starting
1	B. Tech Computer Science and Engineering	54	2019-20
2	B. Tech Information Technology	54	2019-20
3	B. Tech Electronics and Communication Engineering	54	2019-20

Sl. No	UG Programme	Intake	Year of Starting
1	B. Tech Agriculture Engineering	60	2020-21
2	B. Tech Petrochemical Engineering	60	2020-21
3	B. Tech Biomedical Engineering	60	2020-21

❖ Numbers of students Admitted in the B. Tech Programme in the last 3 years

Name of the Department	Computer Science and Engineering		
Course	B. Tech - Computer Science and Engineering		
Number of Students Admitted in Various Categories	2018-19	2019-20	2020-21
OC	2	1	-
BC	16	18	-
BCM	1	2	-
MBC	3	2	-
SCA	-	-	-
SC	4	1	-
ST	-	-	-
Total	26	24	-

Name of the Department	Information Technology		
Course	B. Tech - Information Technology		
Number of Students Admitted in Various Categories	2018-19	2019-20	2020-21
OC	-	-	-
BC	10	22	-
BCM	1	5	-
MBC	-	4	-
SCA	-	-	-
SC	-	4	-
ST	-	-	-
Total	11	35	-

Name of the Department	Electronics and Communication Engineering		
Course	B. Tech - Electronics and Communication Engineering		
Number of Students Admitted in Various Categories	2018-19	2019-20	2020-21
OC	1	1	-
BC	31	16	-
BCM	4	2	-
MBC	8	10	-
SCA	-	-	-
SC	-	4	-
ST	-	-	-
Total	44	33	-

Name of the Department	Agriculture Engineering		
Course	B. Tech - Agriculture Engineering		
Number of Students Admitted in Various Categories	2018-19	2019-20	2020-21
OC	-	-	-
BC	-	-	14
BCM	-	-	1
MBC	-	-	4
SCA	-	-	-
SC	-	-	3
ST	-	-	-
Total	-	-	22

Name of the Department	Biomedical Engineering		
Course	B. Tech - Biomedical Engineering		
Number of Students Admitted in Various Categories	2018-19	2019-20	2020-21
OC	-	-	1
BC	-	-	20
BCM	-	-	1
MBC	-	-	5
SCA	-	-	-
SC	-	-	1
ST	-	-	-
Total	-	-	28

Name of the Department	Petrochemical Engineering		
Course	B. Tech - Petrochemical Engineering		
Number of Students Admitted in Various Categories	2018-19	2019-20	2020-21
OC	-	-	1
BC	-	-	15
BCM	-	-	2
MBC	-	-	3
SCA	-	-	-
SC	-	-	2
ST	-	-	-
Total	-	-	23

- Number of applications received during the last two years for admission under Management Quota and no. admitted: NIL

11) Admission Procedure

- Mention the admission tests being followed, name and address of the Test Agency / State Admission authorities and its URL (website): Centralized Admission Committee (CENTAC)

- Number of seats allotted to different Test qualified candidates (AIEEE / CET / CMAT): 20% of Total seats are allotted for the students qualified in JEE examination

Calendar for admission against Management / Vacant seats: NIL

12) Criteria and Weightages for Admission:

Name of the Department	Computer Science and Engineering		
Course	B. Tech - Computer Science and Engineering		
Admission	Government Quota		
Admission Criteria	No Entrance Test, Single Window Counselling following communal reservation. Merit based on cut off marks obtained in Mathematics (100) + Physics (50) + Chemistry (50) in Higher Secondary Examination		
Cut Off	Admission Year		
	2018-19	2019-20	2020-21
	119.333	46.333	-
Number of fee waives offered	-	-	-

Admission Calendar	-	-	-
Name of the Department	**Information Technology**		
Course	**B. Tech - Information Technology**		
Admission	**Government Quota**		
Admission Criteria	No Entrance Test, Single Window Counselling following communal reservation. Merit based on cut off marks obtained in Mathematics (100) + Physics (50) + Chemistry (50) in Higher Secondary Examination		
Cut Off	**Admission Year**		
	2018-19	**2019-20**	**2020-21**
	82.667	42	**-**
Number of fee waives offered	-	-	-
Admission Calendar	-	-	-

Name of the Department	**Electronics and Communication Engineering**		
Course	**B. Tech - Electronics and Communication Engineering**		
Admission	**Government Quota**		
Admission Criteria	No Entrance Test, Single Window Counselling following communal reservation. Merit based on cut off marks obtained in Mathematics (100) + Physics (50) + Chemistry (50) in Higher Secondary Examination		
Cut Off	**Admission Year**		
	2018-19	**2019-20**	**2020-21**
	93.667	41.667	**-**
Number of fee waives offered	-	-	-
Admission Calendar	-	-	-

Name of the Department	**Agriculture Engineering**		
Course	**B. Tech - Agriculture Engineering**		
Admission	**Government Quota**		
Admission Criteria	No Entrance Test, Single Window Counselling following communal reservation. Merit based on cut off marks obtained in Mathematics (100) + Physics (50) + Chemistry (50) in Higher Secondary Examination		
Cut Off	**Admission Year**		
	2018-19	**2019-20**	**2020-21**
	-	-	42.667
Number of fee waives offered	-	-	-

Admission Calendar	-	-	-
Name of the Department	**Biomedical Engineering**		
Course	**B. Tech - Biomedical Engineering**		
Admission	**Government Quota**		
Admission Criteria	No Entrance Test, Single Window Counselling following communal reservation. Merit based on cut off marks obtained in Mathematics (100) + Physics (50) + Chemistry (50) in Higher Secondary Examination		
Cut Off	**Admission Year**		
	2018-19	**2019-20**	**2020-21**
	-	-	48.667
Number of fee waives offered	-	-	-
Admission Calendar	-	-	-

Name of the Department	**Petrochemical Engineering**		
Course	**B. Tech – Petrochemical Engineering**		
Admission	**Government Quota**		
Admission Criteria	No Entrance Test, Single Window Counselling following communal reservation. Merit based on cut off marks obtained in Mathematics (100) + Physics (50) + Chemistry (50) in Higher Secondary Examination		
Cut Off	**Admission Year**		
	2018-19	**2019-20**	**2020-21**
	-	-	44.333
Number of fee waives offered	-	-	-
Admission Calendar	-	-	-

13) List of Applicants

- List of candidates whose application has been received along with percentage/ percentile score for qualifying examination in separate categories for open seats:

All applications are received, scrutinized through CENTAC and the final seat allotment is done through CENTAC

- List of candidates who have applied along with percentage and percentile score for Management Quota seats:

There is no provision of Management quota at the Institute

14) Results of Admission under Management Seats / Vacant Seats: NA

The vacant seats are filled through **MOP UP** counselling after the end of B. Tech Third counselling procedure.

15) Information of Infrastructure and Other Resources Available

❖ Number of Class Rooms and Size of each

S. No	Room No.	Building No./ Block	Room Type	Carpet Area (in m^2)
1	ACE 01	07 / CIF Block	Class Room	86
2	ACE 02	07 / CIF Block	Class Room	86
3	BME 01	07 / CIF Block	Class Room	86
4	BME 02	07 / CIF Block	Class Room	86
5	PCE 01	10 / Chemistry Block	Class Room	98
6	PCE 02	10 / Chemistry Block	Class Room	73
7	CSE 03	09 / Physics Block	Class Room	67
8	CSE 04	09 / Physics Block	Class Room	94
9	IT 03	06 / IT Block	Class Room	77
10	IT 04	06 / IT Block	Class Room	99
11	ECE 03	05 / ECE Block	Class Room	102
12	ECE 04	05 / ECE Block	Class Room	75

❖ Number Tutorial Rooms and Size of each

S. No	Room No.	Building No./ Block	Room Type	Carpet Area (in m^2)
1	TUT 01	11 / Library Block	Tutorial Room	77
2	SH 01	03 / CSE Block	Tutorial Room	227

❖ Number of Laboratories and Size of each

S. No	Name of the Lab	Room No.	Building No./ Block	Carpet Area (in m^2)
Department of Computer Science and Engineering				
1	Computer Centre Lab	CC 01	03 / CSE Block	126
2	Wireless Lab	WL 02	08 / WTC Block	100
3	Microprocessor Lab / Digital Lab	MP 03	06 / IT Block	72
4	Hardware and Trouble Shooting Lab	HTS 04	06 / IT Block	48
Department of Information Technology				
5	Thin Client Lab	THC 01	08 / WTC Block	127
6	Web Technology Lab	WT 02	08 / WTC Block	98
7	System Software Lab	SS 03	08 / WTC Block	73
8	Language Lab	LG 04	12 / LES Block	75

Department of Electronics and Communication Engineering				
9	Communication Lab	COM 01	05 / ECE Block	99
10	Signal Processing / Simulation Lab	SPS 04	04 / EEE Block	100
11	Advance Communication Lab	ACL 05	04 / EEE Block	100
Department of Biomedical Engineering				
12	Electronic Devices and Circuits Lab	EDC 02	05 / ECE Block	73
13	Electronic System Design Lab	ESD 06	12 / LES Block	75
14	Electrical and Electronics Lab	EE 03	04 / EEE Block	127
Department of Science and Humanities				
15	Physics Lab	PH 01	13 / Physics Block	230
16	Chemistry Lab	CH 02	10 / Chemistry Block	201
17	Workshop	WS 03	13 / Workshop Block	195

❖ Number of Drawing Halls

S. No	Room No.	Building No.	Room Type	Carpet Area (in m^2)	Capacity
1	DH 01	14 / DH Block	Drawing Hall	165	66 Students

❖ Number of Computer Centre with Capacity of each

S. No	Room No.	Building No.	Room Type	Carpet Area (in m^2)	Capacity
1	CC 01	03 / CSE Block	Laboratory	126	40 Students
2	WL 02	08 / WTC Block	Laboratory	100	30 Students
3	THC 01	08 / WTC Block	Laboratory	127	25 Students
4	WT 02	08 / WTC Block	Laboratory	98	25 Students
5	SS 03	08 / WTC Block	Laboratory	73	25 Students
6	LG 04	12 / LES Block	Laboratory	75	25 Students

❖ Central Examination Facility, Number of Rooms and Capacity of each

Room Type	No. of Rooms	Capacity
Class Rooms	12	33 Students in each Room
Drawing Hall	01	66 Students

❖ Online Examination Facility Number of Nodes, Internet Bandwidth)

Center for the conduction of Online Examinations: Computer Centre (CC 01)

Number of Nodes – 30 Max.

Internet Bandwidth - (2 x 300 Mbps), 1 x 40Mbps and 1 x 10Mbps

❖ Barrier Free Built environment for Disabled and Elderly persons – Appendix 15.1

❖ Occupancy Certificate – Appendix 15.2

❖ Fire and Safety Certificate – Appendix 15.3

❖ Hostel Facilities - NIL

Library

❖ Number of Library Books / Titles / Journals available (Program wise)

Description	Programme	No. of Titles	No. of Books (Volumes) Available in Main Library
Humanities and Social Science	Basic Engineering	185	584
	Mathematics	175	467
	Physics	114	342
	Chemistry	77	207
	Humanities and Social Science	657	1276
Engineering	Computer Science and Engineering	963	2850
	Information and Technology	593	2153
	Electronics and Communication Engineering	652	2739
	Agriculture Engineering	-	1125
	Bio Medical Engineering	-	1058
	Petro Chemical Engineering	-	975
Total		**3416**	**13776**

❖ List of Online National / International Journals subscribed

Name of the Course (UG)		No. of Journals	
Degree	**Course**	**National**	**International**
B. Tech	CSE	5	3
	IT	4	3
	ECE	4	3
	General	16	-
	AGRI	-	-
	BIO	-	-
	PETRO	-	-
Total		29	9

❖ E – Library Facilities

Name of the E-Journal Publisher	Total no. of Journals	Name of the Relevant Courses
EBSCO Information Services India	202 Journals	All Engineering Courses

❖ National Digital Library Subscription Details: Membership register by Staff Members and Students

Laboratory and Workshop

❖ List of Major Equipment's / Facilities in each Laboratory / Workshop

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

1. Computer Centre Lab

Laboratory Stock Details

S. No	Particulars of the Item	Quantity	Total Cost (Rs.)
1	Four Way Rack Server	1	7,00,000
2	Nodes	65	22,74,350
3	Dot Matrix Printers	05	49,190
4	Mono HP LaserJet 3052 All-in-one (Print, copy, scan)	02	34,980
5	HP Scanjet 7650 Document Flatbed Scanner (L1940A)	01	30,490
6	20 KVA On-Line UPS	01	2,90,969
7	5 KVA On-Line UPS	01	83,320
8	0.6 KVA Offline UPS	05	9,750
9	UPS Wiring	-	20,605

10	Amkete Hub Hiffees	01	399
11	TP Link Access Point	01	1,950
13	Networking Tester	01	600
14	Crimping Tools	01	350
15	Screw Driver Tool Kit	01	250
16	D-Link 8 Port Switch	01	1,250
17	Buyback Battery 100-AH,12V	27	1,70,505
19	Scan Disk 8 GB Pendrive	01	380
20	Spares For Assembling Extention Box	-	2,429
21	Raptor IR-RYTC080 Interactive White Board	01	38,920
22	Epson EB-X31 LCD Data projector with all supplied cables and accessories,Liberty Ceiling Mount Kit, HDMI Cable 15M, iBall Tarang Audio System with 2 Speakers, Acer Desktop Computer System	01	36,950
23	Raptor PA Podium Lectern	01	28,500
24	TP Link MC110CS Fiber Convertor	02	4,900
25	USB WIFI Adapter	01	250
26	4+4 power step - SMT	01	360
27	Motherboard G 31 Zebronics	10	21,102
28	500 GB Harddisk	10	13,983
29	DDR2 2GB RAM	10	6,695
30	Desktop Computers	01	34,950
31	TP Link Wifi Router	01	1,200
32	Media Convertor	01	3,422

2. Wireless Lab

Laboratory Stock Details

S. No	Particulars of the Item	Quantity	Total Cost (Rs.)
1	PCI Network Adapter 802.11n Supported	35	1,14,822
2	Indoor Access Point for Server with Controller and Management Software - 5 AP to 50 APs Supported	01	20,720.7
3	Rational Rose Software	30	3,06,720
4	Desktop Computers	32	12,31,840
5	20 KVA Online UPS:	01	3,29,912
6	DVD-R/W Drive Portable External	01	1,483
7	USB Mouse & Keyboard Acer	10	5,084.7
8	DDR2 2GB RAM Transcend	09	6,025.41
9	Wireless Adapter	05	1,694.92
10	USB to LAN Card	05	1,271.18

3. Hardware and Troubleshooting Lab

Laboratory Stock Details

S. No	Particulars of the Item	Quantity	Total Cost (Rs.)
1	In Circuit Emulator	4	2,02,500
2	Logic State/Timing Analyzers	4	1,14,400
3	Prototype & Bus adapter for PC	06	27,279
4	Pentium Computer Trainer	4	1,89,000
5	RS 232 C Cable	10	2,625
6	PC Keyboard Trainer Module	4	28,644
7	Printer Trainer Module	4	1,25,034

8	Dial up modem	2	5,691
9	DSL Modem with Router	4	15,918
10	FDC Interface board	4	36,414
11	USB Device Trainer Kit	4	50,400
12	Multimeter	05	1,271.15
13	Cat 6 Cable - D- Link	20m	423.6
14	Screw Driver	04	677.96
15	Crimping Tool Kit	01	508.47
16	Network Cable Tester	01	296.61
17	Electric Wire	5m	211.85
18	Network Switch 24Port SES 1024-Dlink	01	2,533.9
19	Raspberry Pi Board 3B+	01	2,700
20	Raspberry Pi OS 16GB Memory Card	01	350
21	Raspberry Pi Camera Board	01	600
22	Raspberry Pi Extension Cable with Breadboard	01	350
23	Ardrino Uno RS Clone Beard & Cable	01	400
24	PIR Sensor	01	100
25	Temperature & Humidity Sensor	01	120
26	Ultrasonic Sensor	01	100
27	LDR Module Analog & Digital	01	100
28	2 Channel Relay Module	01	100
29	2 Channel Relay Module	01	100
30	Active & Passive Buzzer Module	01	100
31	Joystick Module	01	100
32	RGB Module & Switch Module	01	150

4. Microprocessor and Microcontroller Lab

Laboratory Stock Details

S. No	Particulars of the Item	Quantity	Total Cost (Rs.)
1	8085 Microprocessor Trainer Kit	30	1,27,920
2	Elevator Simulator Interface	04	3,744
3	Traffic Light Control System	08	6,656
4	Tone Generator Interface	04	3,328
5	8 Channel ADC Interface Board	08	6,656
6	DC Motor Speed Measurement & Control Module	04	3,328
7	8086 Microprocessor Trainer Kit	20	1,17,000
8	8051 Microcontroller Trainer Kit	10	40,500
9	Printer Interface Board	04	4,600
10	8251 , 8253 & 8257 Interface Board	04	4,248
11	2 Channel DAC Interface Board	08	10,080
12	Two Stepper Motor Controller	04	11,196

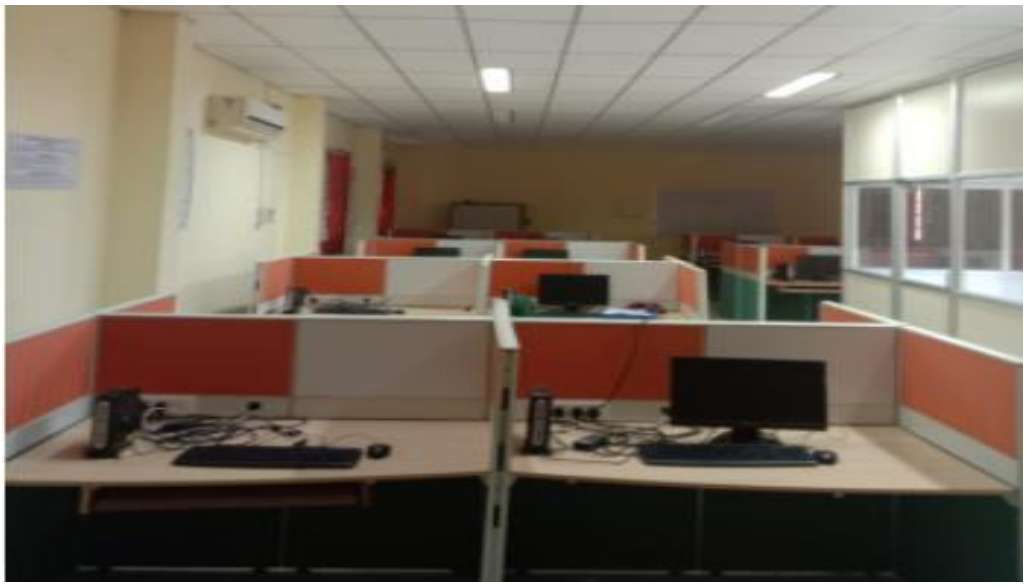
5. Digital Lab

Laboratory Stock Details

S. No	Particulars of the Item	Quantity	Total Cost (Rs.)
1	Digital IC Trainer	25	75,000
2	Digital IC Tester	01	16,538

DEPARTMENT OF INFORMATION TECHNOLOGY

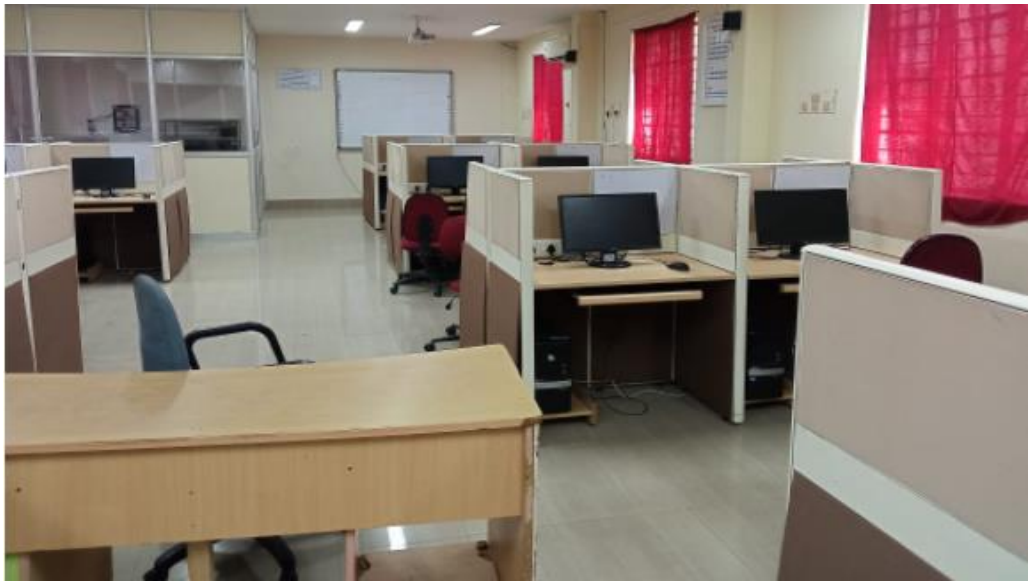
1. Thin Client Lab



Laboratory Stock Details

S. No	Particulars of the Item	Quantity	Total Cost (Rs.)
1	**5 KVA Online UPS:** Online 5 KVA with isolation transformer suitable for single-phase AC input and single phase AC output with 60 minutes backup.	01	78,831
2	**Minimum Hardware Requirement for Client:** Entry level 1 GHZ Intel/Celeron/AMD processor, 256MB DDR II RAM, Parallel, Serial, USB, PS/2 Ports, smart card reader, sound card, LXS Diskless PC adapter, USB, 104 keys keyboard, 19" TFT monitor with wide screen.	33	6,51,750
3	HP 1005 All-in-one Printer	01	17,050

2. Web Technology Lab



Laboratory Stock Details

S. No	Particulars of the Item	Quantity	Total Cost (Rs.)
1	**Desktop Computers** Intel Core 2 Duo E8400, 3.16 GHz, 6 MB L2 Cache and 1333 MHz FSB, Intel Q45 or better on OEM Motherboard, Integrated Graphics, 2 PCI, 1 PCI Express x 2 and 1 PCI Express x 16, 4 GB 800 MHz, DDR2 RAM Expandable to 16GB, Dual Channel (2 DIMMs), 500 GB SATA HDD (7200 rpm or above), 20 inch TFT Digital Color Monitor TCO-03 Certified, 104 keys keyboard, Optical Mouse using usb with 2 buttons. Bays 4 Nos. (2 Nos. 5.25 inches for Optical Media drives and 2 Nos. 3.5 inches for Hard Disk Drives), 6 USB Ports (with at least 2 in front) audio ports for microphone and headphone in front, Mini Tower, DMI 2.0 compliance and support, 22x or better DVD ROM drive, 10/100/1000 on board integrated Network Port with remote booting facility, remote system installation, remote wake up, out of band management software. Windows 7 preloaded with media and Documentation and Certification of authenticity. Win Logo vista business Os and Linux certification. Screen Blanking, Hard Disk and System Idle Mode in Power On, Setup password, Power Supply SMPS Surge Protected.	27	10,39,365
2	Monitor LCD Display	03	43,652
3	Intel Chipset Motherboard G55	05	
4	500GB Hard Disk	05	
5	RAM DDR3 2GB I	03	
6	RAM DDR3 2GB	03	
7	USB Keyboard	07	
8	USB Mouse	06	

3. System Software Lab

Laboratory Stock Details

S. No	Particulars of the Item	Quantity	Total Cost (Rs.)
1	USB Wireless Adapter	15	4,500
2	Hard Disk	06	8,550
3	SMPS	01	
4	Monitor Service	04	44,792
5	Intel Chipset Motherboard G31	07	
6	Lapcare SMPS	05	
7	RAM DDR2 2GB Transcend	09	
8	Processor Dual core	03	
9	Foxin KeyBoard	06	
10	Zebronic Mouse	06	
11	Laser Printer Resolution in dpi:Mono 600x600, Paper size:A4,Print Speed in PPM:14,Port:1 USB	03	16,425
12	**Desktop Computer** Intel Core 2 Duo 8400,3GHz,6 MB L2 Cache and 1333 MHz FSB,Intel Q35 or better on OEM Motherboard, Integrated Graphics,2 PCI,1 PCI Express X 16,4 GB 667 MHz,DDR2 RAM Expandable to 8 GB,Dual Channel (2 DIMMs),320 GB SATA HDD (7200 rpm or above),19 inch TFT Digital Color Monitor TCO-03 Certified,104keys Keyboard, Optical Mouse, Bays 4 No's.(2 Nos. 5.25 Inches for Optical Media Drives and 2 Nos.3.25 Inches for Hard Disk Drives),6 USB Ports(with at least 2 in front) audio ports for microphone and headphone in front,Mini Tower,DMI 2.0 compliance and support,16x or better DVDROM Drive,10/100/1000 on board integrated	64	24,63,680

	Network Port with remote booting facility, remote system installation, remote wakeup, out of band management using any standard management software. Windows XP preloaded with media and Documentation and Certification of Authenticity. Win Logo vista Business OS and Linux Certification. Screen Blanking, Hard Disk and System Idle Mode in Power On, Set Up Password, Power Supply SMPS Surge Protected Norton, McAfee, ETrust or equivalent antivirus (latest version) with 60 days license. Any Antivirus Software with 3 yrs support. Preloaded C/C++ Compiler and MS office. Should co-ordinate with the suppliers of accessories for Wireless lab carry out the network.3 yrs extended warranty.		
13	**Barcode Scanner(Handheld & USB Interface)**: Scan rate & decode rate:200 per second or more, Scan system: Imager, print contrast ratio:35% resolution 5 mil, Barcode density/depth of field:5ml/11cm and 13 mil/20cm with Symbology Upc-A/upc-E,EAN-13,Jan-8.Indusrial codes: interleaved 2 of 5,EAN:128 with USB interface	02	10,090
14	**A4 color laser printer:** Resolution in dpi: Mono 600x600, Paper size: A4,Print Speed in PPM(A4 size): 20 BW and C,port:1 USB, Memory in MB:16, Network Card 10/100:yes, duplexing: NA and extra toner as per your consent	01	37,191
15	**A4 Mono laser printer:** Resolution in dpi: Mono 600x600, Paper size: A4, Print Speed in PPM (A4 size): 18, port:1 USB, Memory in MB:NA, Network Card 10/100: yes, duplexing: NA and extra toner as per your consent	02	13,452
16	**Desktop Computer System:** Intel Core 2 Duo 6550,2.333GHz,4 MB L2 Cache and 1333 MHz FSB, Intel Q965/N-vidia chipset 7025 better on OEM Motherboard, Integrated Graphics,2 PCI,1 PCI Express X 16,2 GB 800 MHz,DDR2 SDRAM non-ECC(800 MHz), Dual Channel (2 DIMMs),(should support minimum 4GB RAM),320 GB SATA HDD,43.2cm SVGA Digital color Monitor(to support 1024x768 NI resolution) MPR II compliance or TCO-03 Certified, multimedia keys Keyboard(USB), Optical Mouse(USB), Bays 4 No's.(2 Nos. 5.25 Inches for Optical Media Drives and 2 Nos.3.5 Inches for Hard Disk Drives),8 USB Ports(Front Side 3 and Back side 5),Mini Tower, DMI 2.0 compliance and support,8x DVD +/- RW SATA(Double Layer DVD Writer),10/100/1000 on board integrated Network Port with remote booting facility, remote system installation, remote wakeup, out of band management using any standard management software. Windows XP preloaded with media and Documentation and Certification of Authenticity. Win Logo vista Business OS and Linux Certification. Screen Blanking, Hard Disk and System Idle Mode in Power On, Set Up Password, and Power Supply SMPS Surge Protected. Any Antivirus Software with 3 yrs support, latest Encyclopedia/C++ Compiler and Ms office 25 users	40	12,16,000

4. Language Lab

Laboratory Stock Details

S. No	Particulars of the Item	Quantity	Total Cost (Rs.)
1	English Language Lab Development software, Group discussion, Interview skills, Personality development, GRE, IELTS, TOEFL	35 + 1 Users	1,99,000
2	**Desktop Computers:** Intel Core 2 Duo 8400, 3GHz, 6 MB L2 Cache and 1333 MHz FSB, Intel Q35 or better on OEM Motherboard, Integrated Graphics, 2 PCI, 1 PCI Express x 1 and 1 PCI Express x 16, 2 GB 667 MHz, DDR2 RAM Expandable to 8 GB, Dual Channel (2 DIMMs), 250 GB SATA HDD (7200 rpm or above), 43.2 cm (17 inch) TFT Digital Color Monitor TCO-03 Certified, 104 keys keyboard, Optical Mouse, Bays 4 Nos. (2 Nos. 5.25 inches for Optical Media drives and 2 Nos. 3.5 inches for Hard Disk Drives), 6 USB Ports (with at least 2 in front) audio ports for microphone and headphone in front, Mini Tower, DMI 2.0 compliance and support, 8x or better DVD ROM drive, 10/100/1000 on board integrated Network Port with remote booting facility, remote system installation, remote wake up, out of band management software. Windows Vista Business preloaded with media, Documentation, and Certification of authenticity. Win Logo vista business Os and Linux certification. Screen Blanking, Hard Disk and System Idle Mode in Power On, Setup password, Power Supply SMPS Surge Protected. Norton, McAfee, E Trust or Equivalent antivirus 3 yrs. extended warranty.	28	11,54,850
3	Monitor LCD Display – 2 Nos	02	27,645
4	Intel Chipset Motherboard – 2 Nos	02	
5	500GB Hard Disk – 2 Nos	02	
6	RAM DDR2 2GB – 6 Nos	06	
7	SMPS – 4 Nos	04	
8	CMOS battery – 15 Nos	15	
9	Headset – 14 Nos	14	
10	24 port Switch – 1 No.	01	

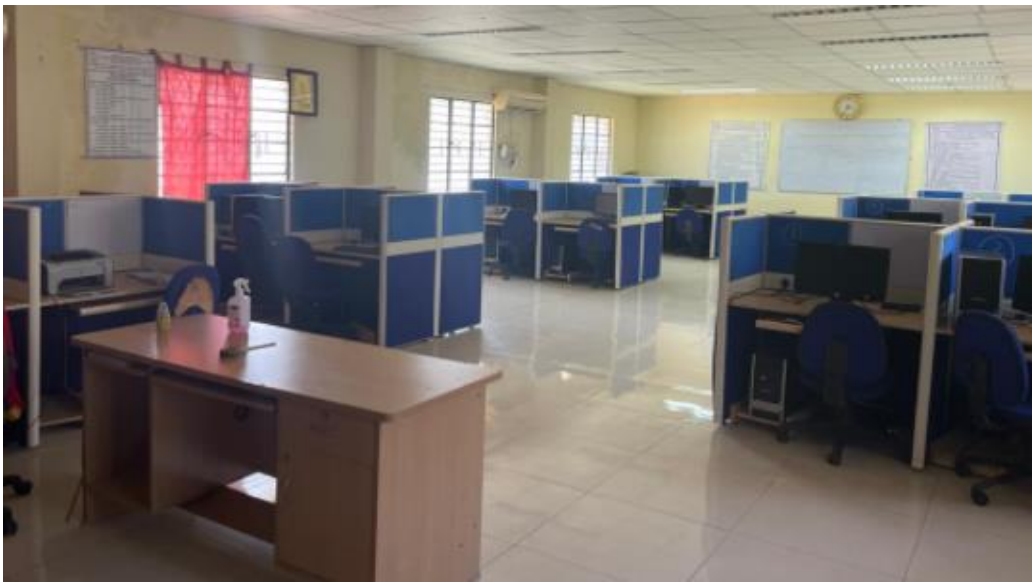
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

1. Communication Lab

Laboratory Stock Details

S. No	Particulars of the Item	Quantity	Total Cost (Rs.)
1	Analog Oscilloscope-20 MHz	10	1,32,080
2	Analog Oscilloscope-30 MHz	03	46,488
3	Digital Storage Oscilloscope-60 MHz	02	63,856
4	Digital Storage Oscilloscope-200 MHz	02	1,02,960
5	Pulse Generator-10MHz	10	1,00,880
6	Digital Communication Trainer Kit	10	2,43,000
7	Optical Communication Trainer Kit	10	4,46,630
8	Digital Function Generator-3MHz	20	1,37,280
9	Servo Controlled Stabilizer-(210-295)V	01	1,00,12.5
10	Analog Oscilloscope-100 MHz	03	1,19,475
11	Signal Generator-(0-20) MHz	05	1,21,160
12	Power Supply: Dual DC Regulated-(0-30)V	20	65,940
13	Power Supply: Multi Output-(0-30)V, (-15, +15)V	05	16,485
14	Work Bench Panels	20	59,850
15	Radar Trainer Kit -10 GHz 02 nos.	02	1,24,312
16	Mobile Phone Trainer Kit- (880-890)MHz, (925-960)MHz	01	39,779
17	GSM Trainer Kit-(880-890)MHz, (925-960)MHz	01	39,779
18	Satellite Communication –(2-4)GHz	01	89,250
19	GPS Trainer Kit-12 Channels	01	26,140
20	Fiber Optic Trainer Kit-Full Duplex Analog and Digital Transceiver	02	37,740

2. Signal Processing / Simulation Lab



Laboratory Stock Details

S. No	Particulars of the Item	Quantity	Total Cost (Rs)
1	**Desktop Computer:** Intel core 2 Due E8600 Processor, 3.16Ghz, 6MB L2 cache and 1333Mhz FSB, Intel Q45 expresses series chipset mother board on better on OEM motherboard Integrated Graphics, 2 PCI, 1 PCI express*2 and 1 PCI, express*16, 4GB 800MhZ, DDR2 RAM Expandable to 16GB, Duel channel (2DIMNS), 500 GB SATA HDD(7200rpm or above), 20 inch wide in built speaker, 104 keys keyboard Ps/2,Optical Mouse using USB with 2 Buttons, Bays 4 Nos(2 Nos, 5.25 inches for optical media Drivers and 2 Nos 305 inches for Hard disk drive), 6 USB Parts (with at least 2 in front) audio ports for microphone and headphone in front, Mini Tower, DM1 2.0 compliance and support,22* or better DVD Writer, 10/100/1000 on board integrated Network Port with remote booling facility, remote system installation, remote wake up, out of band management using any standard management software. windows 7 preloaded with media and documentation and certification of Authenticity. Win Logo Viota Business OS and Linux Certification. Screen Blanking, Hard disc and System Idle mode in power ON, set up password, power supply SMPS surge protected.	27	10,39,365
2	DSP Processor Kit Based 0n TMS3200 C6747	03	99,000
3	RAM DDR3 2GB	06	6,000
4	Hard Disk 250 4B-SEAGATE	07	11,200
5	DVD R/W	04	3,800
6	USB Keyboard-FOXIN	05	1,250
7	USB Motherboard-FOXIN	01	150

8	G41 Motherboard	02	5,600
9	Core 2 Duo Processer	01	3,000
10	VGA Cable	03	450
11	Canon Scan Lide120 Scanner SN: KLAJ74363 CAMOSCAM	01	3,950
12	Portable Hard Disk 1TB	01	4,600
13	Intel Chipset Motherboard	04	9,600
14	RAM DDR3 4GB	10	16,000
15	120 GB Hard Disk	10	19,000
16	SMPS	02	1,200

3. Advance Communication Lab

Laboratory Stock Details

S. No	Particulars of the Item	Quantity	Total Cost (Rs.)
1	**Reflex Klystron Oscillator** Frequency : 10.3 FHz typical Power level : 1 mw typical	03	19,410
2	**Micrometer Tunable Gunn Oscillator** Frequency: 8.0-12.0 GHz, Power O/P: 10 mW Typical S11: >10dB, Calibration chart: steps of 100 MHz Body: Solid wire cut Aluminum for thermal stability and long life Precision, Tuning: Micrometer Driven solid short	03	33,540
3	**PIN Diode Modulator** S11: >15dB, S12 off: 10dB, S12 on: <2dB Bandwidth: 8.0 -12.0 GHz, Diode: Microwave SMD	03	14,130
4	**Ferriete Isolator / Circulator** S11: >20dB, S12: >20dB, S21: <1.5dB, Bandwidth: 8.0 - 12.0 GHz	07	43,960
5	**Calibrated Frequency Meter** S11: >20dB, S12: >3dB at resonance, Q factor: 1000 Accuracy: 1%, Calibration Chart: Frequency v/s micrometer in steps of 100 MHz	05	42,350

6	**Waveguide Detector** S11: 20dB, Sensitivity: 0.5mV/uW, BW: 8.0 -12.0 GHz	05	14,700
7	**Slide Screw Tuner With Precision Micrometer** Resolution X Y: 0.05 mm, Drive: Vernier on Teflon bearing	07	28,000
8	**Calibrated Precision Variable Attenuator** S11: >20dB, S12: 1 to 25dB variable Resolution: 1dB, Accuracy: + (or) -1.5dB Calibration Chart: Attenuation v/s micrometer of 1 dB	05	17,650
9	**Solid Dielectric Cell** Type: Waveguide cavity Dielectric: Bakelite, Teflon, Acrylic, Nylon, Polyproylene Length: 60 degree empty	03	4,590
10	**Liquid Dielectric Cell** Type: Waveguide cavity, : Kapton, Filling: Syringe Cavity Volume: 1.5cc, Length:60 degree empty	03	14,130
11	**Precision Slotted Line With Detector Probe** S11: >20dB, S12: <1dB, Resolution: 0.05mm using Vernier Sensitivity: 0.1mV/uW	05	41,175
12	**Multihole Waveguide Directional Coupler** Coupling: 10dB, Directivity: 30dB, Insertion Loss: <1.5dB Bandwidth: 8.2 -12.4 GHz	03	14,130
13	**Hybrid / Magic Tee** S11: >10dB, Isolation: 20dB H & E arms, Bandwidth:8.0-12.0 GHz	03	6,300
14	**Series E Plane TEE** S11, S22, S33: >20dB, S12, S13: 3.5dB, Phase: 180 degree Bandwidth:8.0-12.0 GHz	03	4,410
15	**Shunt H Plane Tee** **S**11, S22, S33: >20dB, S12, S13: 3.5dB, Phase: 0 degree Bandwidth:8.2-12.4 GHz	03	4,410
16	**Pyramidal Horn Antenna** Gain: 16dB, S11:20 dB, Beam width :30 degree E & H	04	12,940
17	**Phase Shifter** S11: >15dB, S12: >15dB, Calibration: 10.3 GHz Calibration Chart: Phase Vs. Micrometer reading	03	14,130
18	**J Band Microwave Source** Frequency: J Band, Construction: J band Dielectric Resonator stabilized MESFET source on Microstrip, Accuracy: 0.1% Modulation: CW/ASK(DC-15 KHz) Ext RF Level: 1mW typical, Output Z: 50 ohms with N connector	01	2,940
19	**Waveguide To Coax Adapter** S11: 10dB, S12: 1.5dB, Frequency: 8.0-12.0 GHz Connector: SMA/N	03	4,260
20	**Matched Termination** S11: >25dB, Bandwidth: 8.0 -12.0 GHz	10	17,650
21	Waveguide Stand	30	17,700
22	**Manual Antenna Rotator** Mount: E & H plane WR90	04	58,840
23	**Digital Gunn Power Supply** Display: LCD for voltage /current, Gunn Bias Voltage: 2-10 V PIN Mod. Frequency:	05	47,050

	800- 1200Hz Square wave Gunn Current: 0-500 mA, PC interface for serial data communication, Audio communication.		
24	**VSWR Meter** Input Voltage: 230 VAC, + (OR) – 10 %, 50 Hz Beam Supply : Voltage: 240 – 420 vdc, Variable Current: 50 mA Regulation: 0.5 %, Repeller Supply : 10 – 270 vdc, Variable Regulation: 0.25 % for 10 % I/P variation Filament Supply: 6.3 Vdc, Over-load Trip Current: 65 mA Modulation : AM (Square) : FM (Saw - Tooth) Modulation : 500 – 2500 Hz : 150 – 300 Hz Amplitude : 0 – 100 V : 0 – 65 V External : Through external Modulating Signal Display : Digital display for, a) Beam Voltage b) Beam Current c) Reppler Voltage Standby Mode: Only Heater Supply ON Connectors : a) 8 – pin Octal Socket b) BNC foe External Modulation, Mechanical Dimensions : 26.5 (L)* 13(H)*26.5(H) cm3	05	52,950
25	**KLYSTRON POWER SUPPLY** Input Voltage: 230 VAC, + (OR) – 10 %, 50 Hz Beam Supply : Voltage: 240 – 420 vdc, Variable Current: 50 mA Regulation: 0.5 % Repeller Supply : 10 – 270 vdc, Variable Regulation: 0.25 % for 10 % I/P variation, Filament Supply: 6.3 Vdc Over-load Trip Current: 65 mA Modulation : AM (Square) : FM (Saw - Tooth) Modulation : 500 – 2500 Hz : 150 – 300 Hz Amplitude : 0 – 100 V : 0 – 65 V External : Through external Modulating Signal Display : Digital display for, a) Beam Voltage b) Beam Current c) Reppler Voltage Standby Mode: Only Heater Supply ON Connectors : a) 8 – pin Octal Socket b) BNC foe External Modulation, Mechanical Dimensions : 26.5 (L)* 13(H)*26.5(H) cm3	03	52,950
26	**Accessories** Microphone, BNC- BNC Cable, M4X12 Screw M4X20 screw RS232 cable, E manual Video + Software, CD for ease of learning, Power Cord Reflector Panel Fixed Short S11: >60dB, Flange: UG39/U, BALUN: 5 Nos.	01	11,765
27	**Fibre Optic Trainner Kits** Transmitter: 5 Nos. Peak wavelength of emission 660nm visible Red (SFH 756V), Peak wavelength of emission 950nm infrared (SFH 450V). Receiver: 5 Nos. Photo Diode with responsivity of 0.3 Ua /Uw (SFH 250V), Photo detector with TTL logic output (SFH551V). On-board Function Generator 1Hz to 10KHz. Pulse width modulation, pulse position modulation, Frequency Modulation, PC to PC Communication using RS-232 interface up to 115.2 Kbps. Voice Communication using microphone and speaker.	02	60,000
28	Yagi Uda Antenna 30-3000MHz, 5 elements,	01	11,765

29	Dipole Antenna-01 no 30-3000MHz	01	5,880
30	Antenna Rotator with Stepper Motor Controller – 02 Nos	02	35,300
31	**8051 family Microcontroller Trainer** With onboard Keypad and LED Display /8-bit with 5 V Power Adapter. The kit should compatible for all type of real time application interface.	04	31,800
32	**32-bit ARM family processor Trainer** The kit should compatible for all type of real time application interface	02	54,400
33	4 – Port RS 232C Serial Interface Card :	01	3,800
34	LCD (16 x 2) Interface :	01	2,000
35	4 Digit, 7 Segment LED Display Interface :	01	1,500
36	DC Motor Interface with DC Motor:	01	3,500
37	Real Time Clock Interface	01	1,500
38	**Embedded Microcontroller Kit.** A) 8-bit processor Trainner kit with SMD, switch, LCD and 7- Segment display interface and on board stepper motor driver. B) I2C periperals with 8-bit ADC and DAC RS2232 cable. C) PC keyboard interface for entering program	02	17,000
39	**Water pump controller.** A) Embeded microcontroller kit B) Transperent tank with adjustable electrodes for level setting and bulid in power supply	01	17,970
40	Temperature measurements. AD590 sensor thermocouple output(0-3.3v), temperature value up to 100 degree Celsius	01	3,230
41	**PIC 87X evalution board** (VPTB-03)digital input alpha numeric LCD display,RS232 interface,8 bit RISC CPU	01	3,500
42	**Moblie trainer with wireless connectivity kit** A) a powerfull connectivity board contains GSM /GPRS, zig BEE,RFID,GPS-GLONASS SBAS(GAGAN), bluetooth and wifi on board modules it should supports linux, winLB and android OS packages which can be used to study different applications like GPS tracking , wirelesss home and industry security system, SMS and zigbee based home applications and lighting control and many more	01	1,50,000
43	**Yagi Uda Antenna set up:** Yagi Uda antenna setup with transmitter and receiver, automatic antenna controller for various directions should be included able to measure radiation pattern, attenuation and gain of the system, approximate distance between transmitter and receiver should be 2m frequency range c band	01	1,50,000
44	**Universal IC programmer** should suport ATMEL series, PLC series, EPROM series, computer interface: USB,48pin ZIF socket with universal 48 pin driver supported OS: WIN98SP2 /N7/2000/ME/XP/VISTA file format supported: binary, intelx, motorola S,tekmoni X and auto filnd formats, needed to modify hex files ,JEDBC files with commands-fill, copy, move, swap, etc..	04	88,000

DEPARTMENT OF AGRICULTURAL ENGINEERING

1. Surveying and Fluid Mechanics / Machinery Laboratory (Process Approved)

S. No	Name of Equipment	Quantity	Total Cost (Rs.)
Surveying Instruments			
1.	Surveying Chain 30 m	6	24,000
2.	Surveying Chain 20 m	6	18,000
3.	Ranging Rods	40	12,000
4.	Cross-Staff (Metal)	6	4,800
5.	Cross-Staff (Wooden)	6	4,800
6.	French Cross Staff	2	3,000
7.	Tape 5 m (Linen)	5	1,000
8.	Tape 10 m (Linen)	5	1,500
9.	Tape 20 m (Linen)	5	1,750
10.	Tape 30 m (Linen)	5	2,000
11.	Arrows 40 cm Height	50	10,000
12.	Wooden Pegs 15 cm height	50	5,000
13.	Prismatic Compass with Stand	5	30,000
14.	Surveyors Compass with Stand	5	30,000
15.	Dumpy Level	8	1,12,000
16.	Automatic Level	3	45,000
17.	Tilting Level	3	48,000
18.	Digital Level	3	1,20,000
19.	Leveling Staff (Folding type)	8	24,000
20.	Leveling Staff (Telescopic type)	8	24,000
21.	Spirit Level	6	2,400
Fluid Mechanics / Hydraulics Lab			
22.	Rectangular notch experimental setup including collecting tank, supply tank, manometer, motor etc.	1	1,50,000
23.	Triangular notch experimental setup including collecting tank, supply tank, manometer, motor etc.	1	1,50,000
24.	Orifice experimental setup including collecting tank, supply tank, manometer, motor etc.,	1	1,50,000
25.	Mouth piece experimental setup including collecting tank, supply tank, manometer, motor etc.,	1	1,50,000
26.	Venturi meter experimental setup including collecting tank, supply tank ,manometer, motor etc.,	1	1,50,000
27.	Orifice meter experimental setup including collecting tank, supply tank ,manometer, motor etc.,	1	1,50,000
28.	Rotometer experimental setup including collecting tank, supply tank,manometer, manometer, motor etc.,	1	1,50,000
29.	Bernoullis Theorem experimental setup including collecting tank, supplytank , manometer, motor etc.,	1	2,00,000

30.	Pipe friction experimental setup including collecting tank, supply tank ,manometer, motor etc.,	1	1,75,000
31.	Centrifugal pump experimental setup including collecting tank, supply tank ,motor etc.,	1	1,75,000
32.	Reciprocating pump experimental setup including collecting tank, supply tank , manometer, motor etc.,	1	1,75,000
33.	Pipes and Fittings	LS	1,50,000
34.	Steel ruler – 1000 mm length	10	10,000
35.	Steel ruler – 600 mm length	10	3,000
36.	Steel ruler –300 mm length	10	750
37.	Stop Watch (Digital)	30	30,000
38.	Tools kit set	1	10,000
39.	Power drill set	1	6,000

2. Soil Science Laboratory (Process Approved)

S. No	Name of Equipment	Quantity	Total Cost (Rs.)
1.	Rock samples (Various samples required forexperimental study purpose)	2 sets	1,00,000
2.	Mineral samples (Various samples required for experimental study purpose)	2 sets	1,00,000
3.	Equipments and accessories required for soil sample collection	2 sets	50,000
4.	Apparatus for soil moisturedetermination	2 sets	50,000
5.	Apparatus for soil EC determination	2 sets	50,000
6.	Apparatus for soil pH determination	2 sets	50,000
7.	Apparatus for Field density of soil byCore Cutter method	2 sets	10,000
8.	Apparatus for Field density of soil bySand Replacement method	2 sets	20,000
9.	Pycnometer for soil specific gravitydetermination	4	2,00,000
10.	Apparatus for Textural analysis of soilby International Pipette method	2 sets	2,00,000
11.	Mechanical Sieve shaker for Grain sizeanalysis of soil	1	1,00,000
12.	Apparatus for determination ofOrganic carbon of soil	1	1,50,000
13.	Apparatus for estimation of Gypsumrequirements of soil	1	1,50,000
14.	Packed column	1	75,000
15.	Fluidized bed	1	1,50,000
16.	Sieve Shaker	1	50,000
17.	Leaf filter	1	50,000
18.	Plate & Frame filter press	1	75,000
19.	Sedimentation Jar	1	30,000
20.	Jaw crusher	1	1,50,000
21.	Ball mill	1	1,50,000
22.	Cyclone Separator	1	1,50,000

DEPARTMENT OF BIOMEDICAL ENGINEERING

1. Electrical and Electronics Lab

Laboratory Stock Details

S. No	Particulars of the Item	Quantity	Total Cost (Rs.)
1	Displacement Transducer Trainer	02	14,300
2	Screw Driver No.913	01	25
3	Screw Driver Insulated No.914	04	96
4	Screw Driver No.711	04	80
5	Side Cutter Heavy 6"	04	160
6	Screw Driver	01	20
7	Screw Driver	05	50
8	Hammer	05	195
9	Combinational Plier	04	180
10	Functional Generator (0-3MHz)	02	18,512
11	Digital Trainer	02	9,256
12	Digital Multimeter	05	6,500
13	Strain Gauge Transducer	02	15,288
14	Temperature Transducer Trainer	02	19,656
15	Cathode Ray Oscilloscope	02	26,416
16	Screw Driver Set No. 595	01	125
17	Screw Driver no. 901	10	210
18	Steel Rulers 12"	10	230
19	Hammer 314 Pound	10	55
20	Nose Plier	02	60
21	Multioutput Regulated DC Power Supply	05	51,975
22	Calibration of Wattmeter	01	3,000

23	Electronic Workbench Panel	20	59,850
24	Voltmeter - Moving Iron Max. 20A, Range - (0-300V) (0-600V) - 20 Each	40	49,360
25	Voltmeter - Moving Coil Max. 220V DC Supply with standing capacity - (0-300V) (0-50V) - 20 Each	40	55,040
26	Ammeter - Type Moving Iron, Ranges - (0-5A) (0-10A) (0-20A) - 20 Each	60	73,740
27	Wattmeter - LPF, Range - 150V, 5A, Multirange is preferred	20	93,240
28	Ammeter - Type Moving Coil, Ranges - (0-2A) (0-5A) (0-10A) - 20 Each	60	84,360
28	Transformer, Type Single Phase, 230/115V, Capacity - 2KVA	06	43,146
30	Induction motor, Type single phase AC, Range - 7A, Capacitor type, 50Hz, 1HP, 230V, 1420rpm (with Brake Drum)	01	15,120
31	Induction motor, Type Three phase AC, Range - 4.8A, Star Connected, 50Hz, 3HP, 440V, 1440rpm (with Brake Drum)	01	21,735
32	DC Shunt Motor coupled with DC Generator, 220V DC, 1500rpm, 7A - 2HP	01	51,030
33	Shunt Motor coupled with Alternator [Motor: 220V DC, Range - 17A, 1500rpm] [Alternator: 230V output, 50Hz, 3KVA, 8A]	01	76,073
34	Lamp Load, Capacity - 10kW, 1.5 A	05	61,425
35	AC-DC Panel, DC Supply - 220V, AC Supply - 440V, 50Hz, 3 Phase	01	87,188
36	Transformer, Type Three Phase, 440V/415V, Capacity - 3KVA	03	25,044
37	Rheostat, 1000 ohms, 1.1A	20	20,800
38	Autotransformer, 1 phase, (0-230V)	03	11,310
39	Autotransformer, 3 phase, (0-440V)	03	31,470
40	Wattmeter - UPF, Ranges - 300V, 10A	20	41,800
41	Functional Gererator (0-3MHz) Amp (0-20v)	08	68,000
42	Clamp Meter	02	2,460
43	Regulated Power Supply Range: 0-30V/2A, +15V/1A. +5V/1A	08	89,680

2. Electronic Devices and Circuits Lab

Laboratory Stock Details

S. No	Particulars of the Item	Quantity	Total Cost (Rs.)
1	Analog Oscilloscope: BW – 20MHz	10	1,32,080
2	Analog Oscilloscope: BW – 30MHz	05	77,480
3	Digital Storage Oscilloscope: BW- 60MHz	02	63,856
4	Digital Storage Oscilloscope: BW- 200MHz	02	1,02,960
5	Analog Oscilloscope: BW – 100MHz	05	1,99,125
6	Digital Function Generator : (0-3MHz)	20	1,37,280
7	Servo Controlled Stabilizer	01	10,012
8	Power Supply (0-30V,2A)	20	65,940
9	Decade Resistance Box	15	17,175
10	Decade Capacitance Box	15	17,955
11	Decade Inductance Box	15	18,750
12	Multi-Output Power Supply: (0-30V, ±15V)	05	16,485
13	Voltmeters [0-5V (20Nos.), 0-10V (20Nos.), 0-25V (20Nos.), 0-50V (20Nos.)]	80	28,560
14	Current meters [0-50µA (20 Nos.), 0-100µA (20 Nos.), 0-500µA (20 Nos.), 0-5mA (20 Nos.), 0-10mA (20 Nos.), 0-25mA (20 Nos.), 0-50mA (20 Nos.), 0-500mA (20 Nos.) 0-100mA (20 Nos.)].	180	64,260
15	Multi meter	05	2,575
16	Function Generator : (0-3MHz)	08	80,240
17	Regulated Power Supply (0-30V,2A)	08	89,680

3. Electronic System Design Lab

Laboratory Stock Details

S. No	Particulars of the Item	Quantity	Total Cost (Rs.)
1	Pulse Generator range 0-10 MHZ, Amplitude(0.1 mA -5A)delivery of pulse , square, ramp, sine triangular	15	1,04,055
2	Digital Multimeter MEASUREMENT TYPE DC, AC, Resistance	20	15,600
3	Analog Oscilloscope	15	2,21,835
4	Multi Output Power Supply	10	36,560
5	Voltmeter	60	22,260
6	Ammeter	100	37,100
7	Decade Inductance Box	10	14,510
8	Decade Capacitance Box	10	14,510
9	Decade Resistance Box	10	14,280
10	DC Servo motor Controller	01	16,830
11	Pressure Process Controller	01	91,392
12	Air Compressor with Storage tank	01	15,198
13	Function Generator	04	34,000 + 18% GST

DEPARTMENT OF PETROCHEMICAL ENGINEERING

1. Petrochemical Technology Laboratory I (Process Approved)

S. No	Particulars of the Item	Quantity	Total Cost (Rs.)
1.	Silica Crucible	20	24,000
2.	Heating mantle	2	40,000
3.	Muffle Furnace	1	55,000
4.	Hot air oven	1	80,000
5.	Desiccator	5	1,25,000
6.	Vacuum pump	1	25,000
7.	Condensor	10	15,000
8.	Reflux Condensor	10	15,000
9.	Pensky Martens closed cup apparatus	1	25,000
10.	Cleveland open cup apparatus	1	20,000
11.	Cloud point apparatus	1	1,00,000
12.	Saybolt viscometer	1	50,000
13.	Redwood viscometer	1	30,000
14.	Bomb calorimeter	1	1,00,000
15.	COD Reflux	1	1,75,000
16.	Orsat apparatus	1	50,000
17.	UV – Vis Spectrophotometer	1	5,00,000
18.	Tools and accessories	1 set	20,000

DEPARTMENT OF SCIENCE AND HUMANITIES

1. Physics Laboratory

Laboratory Stock Details

S. No	Particulars of the Item	Quantity	Total Cost (Rs.)
1	Burette stand 9x6x30" iron	7	1,953.00
2	Vernier caliper Mitotoyo 8" (0.02 mm) Japan imported	10	32,433.75
3	Decade Resistance box 5dials 1,10,100 1000,10000 ohms	4	11,614.50
4	Kunds Tube with fittings Borosil	7	13,119.75
5	Digital stopwatch Razer (boxtype)	5	8,370.00
6	Screwgauge 0-25 Mitotoya 0.01mm	10	18,315.00
7	Galvanometer M.C.D.C 20m Amps	10	6,018.75
8	Copper calorimeter with JKT + Stirer	10	1,676.25
9	Commutator 4wqy	10	1271.25
10	DC voltmeter 0 -3 volts m.c DC inco	5	2,896.88
11	DC Ammeter 0 -3 Amps Osaw	5	2,896.88
12	Forteins Barometer without mercury	1	1,472.63
13	Melde's Apparatus complete set	7	10,780.88
14	Physical balance Model No. HSCH	3	4,708.13
15	Polarimeter, College type with Laurent Half tubes 8" Tube	6	18,076.50
16	Magnetometer	7	2268.00
17	Decade resistance box (6dia) pico	4	13216.50
18	Electronic digital weighing machine with eleminator citizen	2	1,45,350.00
19	Plug key single	10	506.25
20	Spectrometer Weswox	12	1,00,575.00
21	Travelling microscope Wexwox	10	70,312.50
22	Jolly Bulb apparatus	7	20,616.75
23	Newton's ring Apparatus wooden stand with 45 glass plate	7	2110.50
24	Tangent Galvanometer	7	4,354.88
25	Mercury vapour lamp holder 125w with transformer philips	8	10,125.00
26	Sodium vapaour lamp 35w with transformer holder wooden	8	20,295.00
27	Thermostatic water bath 6 holes 30x25x10 cm	4	14,625.00
28	DC voltmeter 0 -10volts Osaw	5	2,896.88
29	Electrical hot plate 8" dia round M.S Top with energy regulator	4	5,400.00
30	Lee's Disc Apparatus complete setup	6	13,162.50
31	Steam Boiler Copper 2ltr. Joint less	10	4,443.75
32	Electronic stop watch Racer	8	3,510.00
33	Constant power supply 2-12 V 2 amp	6	9,585.00
34	DC Ammeter 0 -10 Amps Osaw	5	2,919.38

35	Dc Millivoltmeter 0-100 mv	3	2,139.75
36	Digital Multimeter 15s	2	4,477.50
37	Rheostat 40- ohms, 2.5Amp.,L-12",2"dia	10	5,253.75
38	Retort stand clamp & Bose head	25	9,562.50
39	Gas stove single pan ISI mark	4	6,120.00
40	Vibration menetometer	6	3,780.00
41	Muffle furnace with PID temperature controller	1	21,037.50
42	G-clamp 10cm	5	618.75
43	G-clamp 15cm	5	776.25
44	DC Milliammerer 0-100 mA Osaw	2	1,426.50
45	Digital Multimeter 16s	2	26,595.00
46	Red He-Ne LASER with power supply	1	44,392.50
47	Complete Experimental setup for determination of wavelength by grating and LASER	2	72,495.00
48	Air wedge setup complete set with wooden box	7	2,126.25
49	Biscuit balance	1	468.00
50	Physical balance weight box	2	931.84
51	Loose weight	2	93.60
52	Bar magnet 2 inches	2	187.20
53	Bar magnet 3 inches	2	280.80
54	LPG- cyclinder (Bharat) Deposit amount--- consumer no.34862	2	1,700.00
55	LPG Pressure regulator	1	100.00
56	Copper vessel	3	524.16
57	Bar magnet 3"	5	910.00
58	Electronic weighing machine DS-252,5kg 1/5000 200X200 mm	1	4,340.00
59	CGEI Induction heater	1	2,900.00
60	Ammeter	3	772.00
61	Stainless Steel steam boiler 5.5 lit.	1	1,920.00
62	Compass Box	1	189.00
63	Air cooler (Lamp cooler)	1	750.00
64	Battery eliminator	2	2,100.00
65	Sodium vapour lamp-Transformer-35W	2	2,940.00
66	Field along the axis of coil-Pico (wooden setup)	2	6,300.00
67	Field along the axis of coil-Pico (wooden setup)	2	6,300.00
68	Ammeter -3 Amps	3	900.00
69	Battery eliminator 2-12volts -2 amp	3	3,300.00
70	Field along the axis of coil-with compass box	3	9,450.00
71	Ammeter 0-1 Amp	3	900.00
72	Desktop computer	1	34,990.00
73	Desktop computer	1	34,990.00
74	Commutator 4 way	1	944.00
75	Micro ammeter (0-100ma)	1	413.00

2. Chemistry Laboratory

Laboratory Stock Details

S. No	Particulars of the Item	Quantity	Total Cost (Rs.)
1	Magnetic Stirrer - 2 lit. Model:2MLH with heating Mantle	3	12,600
2	Electrical Bunsen Burner with energy Regulator Temp. Range 800 to 1000 C	10	11,900
3	Calorimeter, Model Elico CL 157, 8 Filters, Digital	3	25,650
4	Digital Conductivity meter Make, Elico, Model No.CM 180 with conductivity cell	3	35,520
5	Digital PH meter: Susima	1	4,950
6	Potentiomer : Susima	3	18,000
7	Hot Plate 10" x 12" Technico Round Type, 1500 Ws(MS Top)	3	6,381
8	Hot Air Oven 605 x Technico 605 x 605 Termostatic	1	17,490
9	Spatula SS 6"	10	70
10	Spatula SS 8"	10	110
11	Retort Stand 6 x 4 x 18' with Fisher type clamp	35	9,962
12	Single Pan top loading electronic Balance	2	38,480
13	Magnetic Stirrer with hot plate 5 lit.	3	14,286
14	Hot plate round type SS top	3	9,639
15	Hot plate Rectangular type SS top	3	12,497
16	Hot plate MS top	3	9,639
17	Water distillation plat	1	17,124
18	Laboratory water bath 32.5cm dia.	2	5,964
19	Balance: 2Kg capacity	1	450
20	Mechanical stop watch	10	3,090
21	Heating Mandle 500ml	5	11,250
22	Dessicator	5	11,360
23	Lab water bath 6 holes	2	5,062

3. Workshop

Laboratory Stock Details

S. No	Particulars of the Item	Quantity	Total Cost (Rs.)
1	Steel rule 12"	40	1,664
2	Try square 4"	20	2,246
3	Try square 6"	10	1,248
4	Try square 10"	2	555
5	Jenny calliper 4"	10	312
6	Hacksaw frame 12"	10	520
7	Hacksaw frame 12" (Adjustable)	10	936
8	Marking pin 6"	10	156
9	Bench vice 8"	24	1,37,405
10	Anvil 50 Kgs	1	4,680
11	Anvil 100 Kgs	1	9,360
12	Swage block 12" x 12" x 4"	2	9,360
13	Surface table with stand 2' x 2'	1	9,360
14	Marking guage 12"	2	528
15	Marking guage 18"	2	899
16	Ball pein hammer 11/2lbs	24	3,869

17	Chipping hammer	10	624
18	Claw hammer 11/2lbs	2	333
19	Sledge hammer 4lbs	1	135
20	Claw hammer 2lbs	2	416
21	Try square 6"	2	229
22	Try square 12"	2	562
23	Sprit level 9"	1	78
24	Center punch 90 deg 4"	12	312
25	Center punch 45 deg 4"	2	52
26	Divider 6"	2	56
27	Inside calliper 6"	2	56
28	Outside calliper 6"	2	56
29	Vernier calliper 12"	1	7,020
30	Outside micrometer 0-25mm	1	2,028
31	Feeler guage	1	364
32	Radius guage	1	260
33	Everest DE spanner 29/12M 6-32 Set	1	442
34	Everest Ring spanner 7/12M 6-32 Set	1	967
35	Taparia adjustable spanner 12"	2	408
36	Taparia allen key set MM AKM 9	1	140
37	Taparia allen key set Inch AK1-10	1	156
38	Screw driver 18"	2	250
39	Screw driver 12"	2	131
40	Screw driver 10"	2	125
41	Screw driver 8"	2	114
42	Hand drilling machine 10mm	2	4,992
43	Cutting plier 6"	2	250
44	Nose plier 6"	2	198
45	Long nose plier 6"	2	270
46	Number punch 1/8"	2	166
47	Letter punch 1/8"	2	499
48	Taps & dies Metric	1	10,296
49	Taps & dies Inch	1	10,296
50	Cold chisel 1/2" x 6"	2	116
51	Cold chisel 1/2" x 4"	2	94
52	Cold chisel 1" x 4"	2	198
53	Firmer chisel 1/2"	2	62
54	Firmer chisel 3/4"	2	62
55	Firmer chisel 1"	10	364
56	Firmer chisel 11/4"	2	83
57	Firmer chisel 11/2"	2	104
58	Mortise chisel 3/8"	10	312
59	Mortise chisel 1/2"	2	83
60	Bearing puller 6"	1	291
61	Dial test indicator 0-10 mm	1	4,680

62	Sine bar 125 mm	1	2,028
63	"V" Block 100 x 75 x 75 mm	1	2,392
64	Angle plate 10 x 8 x 6	1	4,680
65	Earth clamp	4	624
66	Lugs	15	624
67	Electrode holder 600 A	6	1,186
68	Scriber 4"	10	156
69	Dot punch 4"	10	250
70	Flat tongs 18"	10	2,080
71	Jack planer 14"	10	5,720
72	Hand saw 10"	10	1,040
73	Hand saw 12"	2	229
74	Tennon saw 10"	2	104
75	Tennon saw 12"	2	125
76	C Clamp	10	2,496
77	Carpentry vice	10	13,260
78	Marking guage 6"	10	520
79	Marking pin with wooden holder 6"	10	312
80	Bar cramp 4 '	1	832
81	Bar cramp 6 '	1	1,248
82	Wood working tool kit	1	988
83	Snip 12"	2	364
84	Snip 8"	10	1,664
85	Bend Snip 8"	10	1,820
86	Cross peen hammer 0.22 Kg	10	676
87	Tin man square 300 x 600 mm	1	156
88	Hatchet stake	1	780
89	Round & bottom stake	1	728
90	Funnel stake	1	884
91	Peacock stake	1	936
92	Horse stake	1	1,092
93	Groover 5 mm	2	728
94	Groover 6 mm	2	780
95	Fire extinguisher	2	4,056
96	Double stage regulator (oxy - Ace)	1	3,952
97	Nozzle cleaning pipe	2	104
98	Welding torch	1	1,300
99	Cutting plier 6"	2	250
100	Cutting plier 8"	1	146
101	Welding shield	10	832
102	Welding cable copper 70 sq mm	50	20,280
103	Welding helmet	2	780
104	German glass	10	312
105	White glass	10	21
106	Goggles	4	354

107	Platform trolley 500 Kg with 4 wheels	1	5,720
108	Bench Vice 4"	2	3,500
109	Showel	10	3,250
110	Carpentry Vice 6"	6	9,600
111	Wooden moulding box set (2Box=1 Set)	8	20,384
112	Split type wooden pattern Thumbles	8	13,312
113	Split type wooden pattern Flange coupling	8	13,312
114	Split type wooden pattern Anvil	8	13,312
115	Trowel Small	8	374
116	Trowel Medium	8	499
117	Core Box	1	520
118	Peen Rammer	10	2,288
119	Hand Rammer	10	2,288
120	Butt Rammer	5	1,144
121	Electrical wood planning machine - one set blade	1	3,667
122	Carpentry Bench vice 8"	8	10,567
123	Straight snip 12"	8	1,367
124	Black & Decker wood planning machine Kw 712	1	3,453
125	C7 Circular saw with blade Hitachi	1	4,667
126	Carpentry Bench vice 8"	3	5,040
127	Carpentry Bench vice 737QR	5	14,095
128	St -2-14.563 Avation snip	6	4,720
129	25 mm chisel JON bhandari	1	145
130	1" Firmer chisel	2	92

❖ List of Experimental Setup in each Laboratory / Workshop

Laboratory Experimental Setup in Workshop

S. No	Particulars of the Item	Quantity	Total Cost (Rs.)
1	Portable arc welding transformer 150A air cooled	1	8,944
2	Power hack saw machine hydraulic 18" with standard accessories	1	1,61,200
3	Bench drilling machine 20mm with standard accessories	1	13,000
4	Bench grinding machine 0.5 Hp	1	4,472
5	Shearing machine 4 mm	1	8,216
6	Arc welding transformer 300A Oil cooled with standard accessories	1	10,920

4. Drawing Hall

Computing Facilities

❖ Internet Bandwidth: (2 x 300 Mbps), 1 x 40Mbps and 1 x 10Mbps

❖ Number and Configuration of System

Department	No. of Systems	Configuration
CSE	70	Core i3, Core 2 Duo, Dual Core, Pentium IV
IT	130	
ECE	27	
Library	15	
Office	10	

❖ Total number of Systems connected by LAN: 250

❖ Total number of Systems connected by WAN: Systems connected to WAN through 4 routers

❖ Major software packages available

System software	1. Windows 10 Pro, Windows 7, Windows XP. 2. Ubuntu 21.10, Raspbian OS v10
Application Software	1. ECLIPS 2. NET BEANS 3. TURBO C 2.01 4. TURBO C PLUS PLUS 3.0

❖ Special purpose Facilities available (Conduct of Online Meetings / Webinars / Workshops)

- Video conferencing facility available at Library, Seminar Hall, Department of ECE, Department of CSE and Department of IT.

❖ Facilities for conduct of Classes / Course in Online Mode (theory & Practical)

- Video conferencing facility available at Library, Seminar Hall, Department of ECE, Department of CSE and Department of IT for conduction of Online Classes.
- Center for the conduction of Online Examinations: Nodes – 30 Max.

❖ Innovation Cell

President – Dr. A. Kumar
View President – Dr. M. Aramudhan
Innovation activity coordinator – Dr. R. Tamijetchelvy
Start-up activity coordinator – Dr. Nandakumar & Dr. Ilangovane
Internship coordinator – Dr. R. Sathishkumar
IPR activity coordinator – Dr. G. Arunalatha
Social Media Coordinator – Dr. S. Manikandan
NIRF coordinator – Dr. S. Tiroumal Mouroughane

❖ Social Media Cell

❖ Compliance of the National Academy Depository (NAD): NA

List of Facilities Available

❖ Games and Sports Facilities

1) Basket Ball Court

2) Cricket Ground

3) Shuttle Badminton Court

4) Volley Ball Court

5) Football Court

6) Tennikoit Court

7) Kabaddi Court

8) Kho-Kho Court

9) Indoor Games – Carrom, Chess, Scrable

SPORTS GOODS PURCHASED FOR THE YEAR 2019-20

S. No	Item description	Quantity	Unit Cost (Rs.)	Total Cost (Rs.)
1	Cricket Bat- English Willow	4 nos.	4,200	16,800
2	Cricket Ball-SF True Test	10 box	2,240	22,400
3	Cricket Stumps	4 sets	60	240
4	Bails	4 nos.	10	40
5	Cricket Helmet (BDM Commander)	6 nos.	800	4,800
6	Cricket Batting Glove (BDM Commander)	8 pairs	1,325	10,600
7	Keeping Glove (BDM Commander)	3 pairs	1,325	3,975
8	Batting Pad(BDM Commander)	5 pairs	1,000	5,000
9	Keeper Pad (BDM Admiral)	4 pairs	1,150	4,600
10	Hand Pad (BDM)	4 nos.	210	840
11	Thigh Pad (BDM)	8 nos.	345	2,760
12	Cricket Guard (BDM)	15 nos.	90	1,350
13	Cricket Full Mat	1 nos.	15,200	15,200
			Total (12% GST)	**99,237**

❖ Extra-Curricular Activities

National Service Scheme (NSS): Education through community service and community services through education. It is an extension of activities to the higher education system to orient the student to involve in community services. It helps to acquire leadership qualities, democratic attitude, personality development and also to identify the needs and problems solving to emergencies and natural disasters situation.

Coordinators: Dr. M. Dhamodharan, Assistant Professor, Chemistry and Mr. J. Udayakumar, Assistant Professor, CSE.

Women Club: The Women's Club (Aurora) of PKIET was formed during the Academic year 2016-2017. Various Awareness Programmes, Techno-cultural Competitions, Health Care programmes, Counselling for Girls and for the welfare of the students of PKIET. The International women's Day is celebrated in a well-organized manner in the past years.

Coordinators: Dr. G. Raje Assistant Professor, Physics and Dr. J. Vasanthi, Library.

Cultural Club: The Cultural Club provides a platform to bring the abundance of cultural talents among the students and to develop their creative abilities. It also helps the students to know themselves better with their interests, abilities, aptitudes and opportunities.

Coordinators: Mr. M. Praveen Kumar, Assistant Professor, Mechanical

Sports Club: The Sports club was established to provide a healthy sporting habit among the students and staffs. It helps to learn teamwork, coordination, discipline, value of time and competitiveness. It also aims to bring the talents of the faculty and students to participate in various Institutional-level and State-Level Sports.

Coordinators: Mr. M. Praveen Kumar, Assistant Professor, Mechanical

Green / ECO Club: The primary objective of the ECO Club is to provide the knowledge about environment by encouraging various activities among students to make Clean and Green Campus by planting trees, pollution free environment, preservation and conservation of environment etc.

Coordinators: Dr. M. Dhamodharan, Assistant Professor, Chemistry and Dr. R. Sridarane, Assistant Professor, Chemistry

Energy Club: Promote, create awareness on importance of Energy Conservation and its necessity to the student community and to public through various activities like Rally, Seminar, Debate, Camp, Quiz, Distribution of awareness materials, etc. It also encourages the students to understand and development of New Renewable Energy Sources for future generation.

Coordinators: Dr. R. Tamijetchelvy, Assistant Professor, ECE

Literacy Club: To create an awareness of the growing importance of Languages in professional colleges and to develop the communication abilities of the students with greater emphasis on spoken skills by conducting various activities like Group Discussion, Debates, Oral Presentations and Interview Skills.

Coordinators: Mr. M. Praveen Kumar, Assistant Professor, Mechanical

Electoral Literacy Club: To create an awareness on Electoral roll enrollment, Voter Education among the students by conducting Slogan writing, Essay competition, Quiz, etc., and also to organize National Voters Day programme in the campus.

Coordinators: Mr. M. Praveen Kumar, Assistant Professor, Mechanical and Dr. S. Tiroumal Mouroughane

Ek Bharat Shreshtha Bharat (EBSB) Club: It aims to enhance interaction and promote mutual understanding between people of different states/UTs through the concept of state/UT pairing. The states carry out activities to promote a sustained and structured cultural connect in the areas of language learning,

culture, traditions & music, tourism and cuisine, sports and sharing of best practices, etc.

Coordinators: Mr. B. Shankarlal, Assistant Professor, ECE

❖ Soft Skill Development Facilities

A well-equipped **Language Lab** with 30 Nos. of Intel Core 2 Duo Processors systems and a set of Globarena Language Development Software which includes Group Discussion, Interview Skills, Personality Development, GMAT, GRE, IELTS has been set up to students facing competitive examinations such as IELTS, TOEFL, GRE, GMAT, CAT etc. The weak students in Language and Communication have been identified and provide special coaching in Oral and Written forms of the Language and train them in effective Presentation Skills.

Teaching Learning Process

❖ Curriculum and Syllabus for each of the Programmes as Approved by the University

1) **Computer Science Engineering -** CSE Syllabus
2) **Information Technology –** IT Syllabus
3) **Electronics and Communication Engineering -** ECE Syllabus
4) **Agricultural Engineering -** AGRI Syllabus
5) **Biomedical Engineering -** BME Syllabus
6) **Petrochemical Engineering -** PETRO Syllabus

❖ Academic Calendar of the University – Appendix 15.4

❖ Academic Timetable with the Name of the

Faculty Members Handling the Course – Time Table

❖ Teaching Load of Each Faculty - Individual Faculty Load

❖ Internal Continuous Evaluation System in Place

Continuous Assessment Test (CAT): Structured committees in every Department are there to organize the CAT 1, CAT 2 and CAT 3 Exams for the Theory Papers. The CAT Coordinator monitor the processes continuously throughout the Exam. The CAT Marks for Theory courses are 25.

a) Continuous Assessment Test (3) - 15 Marks
b) Assignments (3) - 5Marks
c) Attendance - 5Marks

Mid Semester Exam: For Practical's, the Subject handling Faculties conducts Model Exams for the Laboratory session. The Mid Sem Marks for Practical Courses are 50.

a) Average of all Experiments - 10 Marks
b) Average for Report - 15Marks
c) Model Exam -15Marks
d) Attendance - 10 Marks

❖ Students' Assessment of Faculty, System in Place

Institute has a well-structured feedback system which covers all the relevant aspects of Staff members such as depth of the course content delivered, Communication skills, Laboratory facilities, Punctuality to class hours, Syllabus coverage, Real-Time application area covered, Grievance Redressal and any other details that the students feel essential for the improvement of the Institute. The feedback form is circulated to all the students Bi-annually and it is collected and maintained confidentially. The collected feedbacks are then analyzed and reported to Academic Committee meetings for suggestions for improvements and measures are taken subsequently.

16) Enrollment and Placement Details of the Students in the Last Three Years

S.No	Academic Year	No. of Students Registered	No. of Students Placed			
			CSE	IT	ECE	Total
1	2018-2019	70	11	6	5	22
2	2019-2020	98	21	9	13	43
3	2020-2021	26	16	1	24	41
4	2021-2022 (In Progress)	47	1	1	5	7

2020-2021 DETAILED PLACEMENT STATISTICS

Sl.	Name of the student	Dept.	Company
1	Thameem Nisha	CSE	Accenture, Chennai
2	Subhiksha R	CSE	CTS, Chennai
3	Thahira Thasneem	CSE	CTS, Chennai
4	Thameem Nisha	CSE	CTS, Chennai
5	Akshaya J	CSE	DXC Technology, Chennai
6	Sanchana K	CSE	HCL, Chennai
7	Ruban S	CSE	Infosys, Chennai
8	Vigneswar S	CSE	ITC Limited, Chennai
9	Kirubakaran S	CSE	TCS, Chennai
10	Nivedha S	CSE	TCS, Chennai
11	Santhosh S	CSE	TCS, Chennai
12	Dhinesh S	CSE	TCS, Chennai
13	Vignesh V	CSE	TCS, Trivandrum
14	Kirubalini S	CSE	Tech Mahindra
15	Udayakumar K	CSE	Wipro, Chennai
16	Keerthivasan K	ECE	Accenture
17	Asif Rahman M	ECE	Decision point
18	Agilan S	ECE	Elcompo Electronics
19	Hariharan T	ECE	Elcompo Electronics
20	Hariharan V	ECE	Elcompo Electronics
21	Nalini R	ECE	Elcompo Electronics
22	Ramakrishnan T	ECE	Elcompo Electronics
23	Sivachandiran G	ECE	Elcompo Electronics
24	Vignesh B	ECE	Elcompo Electronics
25	Jagadeeswari S	ECE	Elcompo Electronics
26	Muthukumaran I	ECE	Elcompo Electronics
27	Nivedha P	ECE	Line Decisions
28	Agilan S	ECE	TCS, Chennai
29	Balaji P	ECE	TCS, Chennai
30	Hariharan T	ECE	TCS, Chennai
31	Keerthivasan K	ECE	TCS, Chennai
32	Santhosh S	ECE	TCS, Chennai
33	Santhosh	ECE	TCS, Chennai
34	Sowmiya S	ECE	TCS, Chennai
35	Vijayabharathy A	ECE	TCS, Chennai
36	Balaji P	ECE	TCS, Chennai
37	Vigneshwari	ECE	INESS Solution, Bangalore
38	Jagadeswari	ECE	INESS Solution, Bangalore
39	Dhakshana	ECE	INESS Solution, Bangalore

40	Kamalai	CSE	TCS, Chennai
41	Harikaran H	IT	TCS, Chennai

17) List of Research Projects Carried out, Funding Agency, Grant Received

❖ MoUs with Industries – Appendix 17

S. No.	Name of the Company	Contact Person Name & Designation	Contact Person Mobile No. & Email
1.	GETEK	Mr. K. KARTHIK Founder and CEO	9245732211 getekinfo@gmail.com
2.	JAYAM ELECTRONICS	Mr. A. Rajarajan Manager	9677252848 rajarajanjayam@gmail.com
3.	FARMER'S BIOFERTILIZERS AND ORGANICS	Dr. G. Vivekanandhan Managing Director	9942366778 drgvivekanandhan@gmail.com
4.	TBT ENTERPRISE MOBILE SOLUTIONS PRIVATE LIMITED	Mr. L. Venkatesan Centre Head	9942019000 venkicbe@gmail.com
5.	EITEC SOFTWARE INDIA PRIVATE LIMITED	Mr. V. Periasamy Managing Director	9750347777 eitecindia2013@gmail.com

18) LoA and Subsequent EoA till the Current Academic Year – Appendix 18

19) Accounted Audited Statement for the Last Three Years – Enclosed – Appendix 19