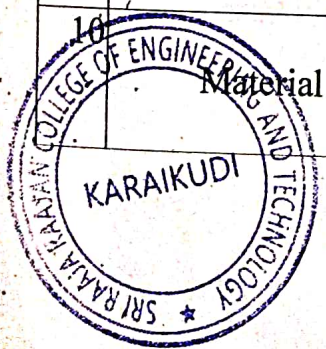
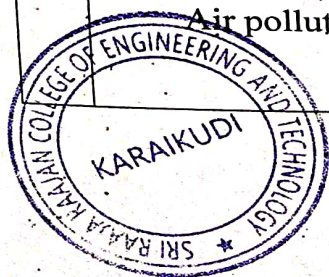


1. Name of the Department: **Civil Engineering**
2. Year of Establishment : **2010**
3. Names of Programmes/Courses offered (UG,PG): **Civil Engineering**
4. Names of Interdisciplinary courses and the departments/units involved: **Nil**
5. Annual/ semester/choice based credit system: **choice based credit system**
6. Participation of the department in the courses offered by other departments:
Dept of science & humanities –Maths classes taken

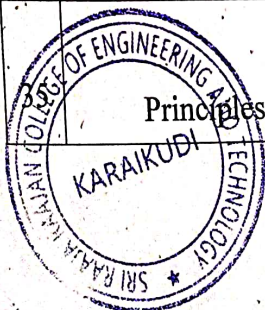
Sl. No	Name of the Subject.	Department	Nature of work
1	Construction management and safety	Civil Engineering	Theory
2	Engineering mechanics	Civil Engineering	Theory
3	Fluids mechanics	Civil Engineering	Theory
4	Surveying and leveling	Civil Engineering	Theory
5	Ground improvement techniques	Civil Engineering	Theory
6	Surveying and leveling lab	Civil Engineering	Practical
7	Highway engineering laboratory	Civil Engineering	Practical
8	Structural analysis I	Civil Engineering	Theory
9	Foundation engineering	Civil Engineering	Theory
10	Material testing laboratory	Civil Engineering	Practical



11	Highway engineering	Civil Engineering	Theory
12	Design of reinforced concrete elements	Civil Engineering	Theory
13	Construction Techniques Equipment & practices	Civil Engineering	Theory
14	Survey camp	Civil Engineering	Practical
15	Soil mechanics laboratory	Civil Engineering	Practical
16	Structural design and drawing	Civil Engineering	Theory
17	Pre stressed concrete structures	Civil Engineering	Theory
18	Environmental and irrigation engineering drawing	Civil Engineering	Theory
19	Estimation and quantity surveying	Civil Engineering	Theory
20	Traffic engineering and management	Civil Engineering	Theory
21	Air pollution management	Civil Engineering	Theory



22	Water and waste water analysis laboratory	Civil Engineering	Practical
23	Design project	Civil Engineering	Practical
24	Soil mechanics	Civil Engineering	Theory
25	Strength of materials	Civil Engineering	Theory
26	Surveying and leveling	Civil Engineering	Theory
27	Construction materials	Civil Engineering	Theory
28	Applied hydraulics engineering	Civil Engineering	Theory
29	Water and waste water engineering	Civil Engineering	Theory
30	Design of steel structures	Civil Engineering	Theory
31	Construction Techniques	Civil Engineering	Theory
32	Structural analysis-II	Civil Engineering	Theory
33	Railway airport and harbour engineering	Civil Engineering	Theory
34	Repairs and rehabilitation of structures	Civil Engineering	Theory
	Principles of management	Civil Engineering	Theory



36	Prefabricated structures	Civil Engineering	Theory
37	Project work	Civil Engineering	Practical

7. Courses in collaboration with other universities, industries, foreign institutions, etc: **Techno CADD (PRO E + ANSYS), MEE CAD(STAAD PRO), CADD DESK(PRIMEAVERA)**

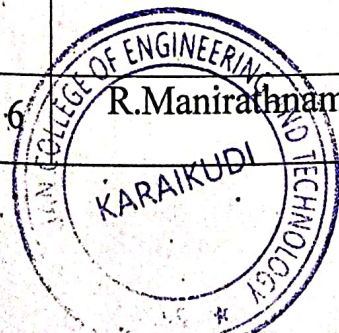
8. Details of courses/programmes discontinued (if any) with reasons: **Nil**

9. Number of teaching posts sanctioned and filled (Professor/Associate Professors/ Asst. Professor)

Category	Sanctioned	Filled
Professor	1	1
Associate Professor	1	1
Assistant Professor	9	9
Total	11	11

10. Faculty profile with name, qualification, designation, specialization,(D.Sc./D.Litt. /Ph.D./ M. Phil. etc.,)

S. NO	NAME OF THE STAFF	QUALIFICATION	DESIGNATION	SPECIALIZATION	EXPERIENCE
1	I.Raseed khan	M.E	Associate professor	Structural engineering	13 years
2	M. Balasubramanian	PH.D	professor	Doctor of Philosophy in applied geology	10 years
3	T. Subash	PH.D	Assistant Professor	Doctor of philosophy in civil engineering	7 years
4	S.Divya	M.E	Assistant professor	Structural engineering	7 years
5	K. Vasantha kumar	M.E	Assistant professor	Structural engineering	6 years
6	R.Manirathnam	M.E	Assistant professor	Structural engineering	



					5years
7	P.Kavi priya devi	M.E	Assistant professor	Environmental engineering	2 years
8	C.K.ABINAYA	M.E	Assistant professor	Structural engineering	2 years
9	K.Bhavarohini	M.E	Assistant professor	Environmental engineering	3 years
10	G.DIVYA	M.E	Assistant professor	Structural engineering	1 year
11	A.GANESAN	M.E	Assistant professor	Structural engineering	1 year

11. List of senior visiting faculty: Nil

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: Nil

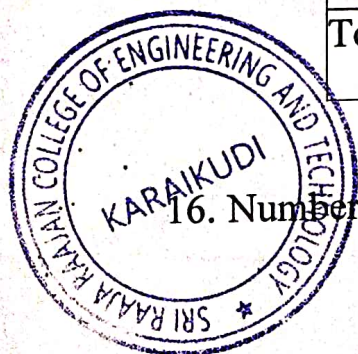
13. Student -Teacher Ratio (Programme wise): 15:1

14. Number of academic support staff (technical) and administrative staff: Sanctioned and filled

Category	Sanctioned	Filled
Academic Staff (Technical)	11	11
Administrative Staff	4	4

15. Qualifications of teaching faculty with DSC/ D.Litt. /Ph.D. / M.Phil / PG:

S.No	Qualifications	Total number of
1	Ph.D	2
2	M.E	9
Total		11



16. Number of faculty with ongoing projects from a) National

b) International funding agencies and grants received.

Sl.No	Project Title	Name of the investigator	Funding Agency	Cost of The	Status
1	Clay pot air cooler system	Mr.Raseed khan	CADD DESK	1,50000	Success

17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received: Nil

18. Research Centre /facility recognized by the University: Nil

19. Publications:

Number of papers published in peer reviewed journals by faculty and students:

National : 2

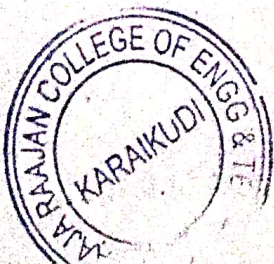
International 5

National:

Sl. No	Name of Faculty Member	Title	Journal Name	Year of publication
1	M. Balasubramanian	Assessment of Groundwater quality in different parts of Thiruvallur District of Tamil nadu, Southern India.	<i>Journal of Academic and Industrial Research</i>	2017
2	M. Balasubramanian	Hydro geochemical process of groundwater and identification of saline water intrusion, north Chennai,	<i>Journal of Applied Geochemistry</i>	2017

International:

Sl. No	Name of Faculty Member	Title	Journal Name	Year of publication
1	M. Balasubramanian	Heavy metal concentration in groundwater from Beasant nagar to SathanKuppam, South Chennai, Tamil Nadu, India.	<i>App. Water Sci. Springer</i>	2017



M. Balasubramanian	Concentration of Heavy Metal in Surface Water and Groundwater Adyar River Basin, Chennai, Tamilnadu, India.	<i>Journal of Applied Geology and Geophysics (IOSR-JAGG)</i>	2018
M. Balasubramanian	Positive impact on the quality of Groundwater in Chennai coastal aquifer due to the cloudburst	<i>Journal of Applied Geology and Geophysics (IOSR-JAGG)</i>	2018
M. Balasubramanian	Quality of groundwater and seawater intrusion along northern Chennai metropolitan city	<i>Arabian journal of geosciences (springer) (proceedings)</i>	2019
M. Balasubramanian	Isotopic signature, hydrochemical and multivariate statistical analysis of seawater intrusion in coastal aquifer, Chennai, Tamilnadu	<i>ELSEVIER. Marine pollution bulletin</i>	2022

Number of papers published in conferences

- National : Nil
 International : Nil

List of Publications in International database:

S.No	Name of the international database	Number of publications
	Nil	

Annexure is enclosed for the above said papers.

- Number of publications listed in International Database : Nil
- Monographs : Nil
- Chapter in Books : Nil
- Books Edited : Nil
- Books with ISBN/ISSN numbers with details of publishers : Nil
- Citation Index : Nil
- SNIP : Nil



	Nil	
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- Annexure is enclosed for the above said papers.
- Number of publications listed in International Database : Nil
- Monographs : Nil
- Chapter in Books : Nil
- Books Edited : Nil
- Books with ISBN/ISSN numbers with details of publishers : Nil
- Citation Index : Nil
- SNIP : Nil
- SJR : Nil
- Impact factor : Nil
- h-index : Nil

20. Areas of consultancy and income generated: Nil

21. Faculty as members in

Sl.N o	Name of Faculty member	Membership
	Nil	

22. Student projects: Analysis of ground water pollution in sivagangai district

23. Awards / Recognitions received by faculty and students:

1. University rank holder –3
2. Best result producing award to staff members yearly-10

24. List of eminent academicians and scientist /visitors to the department: Nil

25. Seminars/ Conferences/Workshops organized & the source of funding

a) National: National Conference On Remote Sensing And

Gis & SRR CET

International : Nil

b)



26. Student profile programme/course wise: **REVIT ARCHITECHTURE**

27. Diversity of Students: **Nil**

28. How many Students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc: **5 students**

29. Student progression **Nil**

30. Details of Infrastructural facilities

S.No	Infrastructural Facilities	Details	
1	Library (Central)	Number of Volumes	13010
		Number of Titles	5305
		Number of Journals	4
		Number of E-books	100
		Number of E-Journals	25
2	Library (Department)	Number of Volumes	680
		Number of Titles	180
3	Internet facilities for staff and Students	-	
4	Student Laboratories	1. Survey lab 2. Concrete and highway lab 3. Soil mechanics lab 4. Water and waster water analysisLab 5. Material testing lab 6. Hydraulic engineering lab	

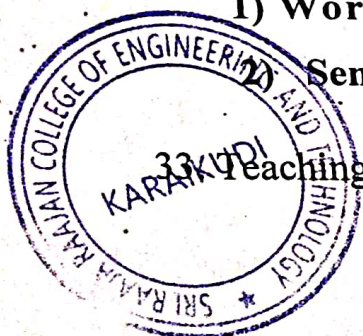
31. Number of students receiving financial assistance from college, university, government or other agencies: **5**

32. Details on student enrichment programmes (special lectures / workshops / seminar) With external experts:

1) **Workshop on rivet architecture**

2) **Seminar on physio-chemical characteristics of water**

3) **Teaching methods adopted to improve student learning:**



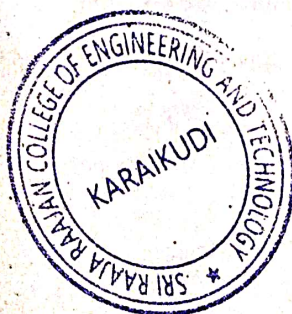
- Smart class teaching methods are followed to teach the students in easy way.
- Separate hour is allocated to teach the students content beyond syllabus for both theory and laboratory class.
- Interested students are given classroom seminars on general and also technical topics related to current development.
- Discussed the problems by forming groups in Tutorial hour.
- Enrich the student technical knowledge through different topics by seminar

34. Participation in Institutional Social Responsibility (ISR) and Extension activities:

35. SWOC analysis of the department and Future plans:

Strengths:

- Dedicated faculty members working for the uplift of the college.
- Well qualified teaching faculties with master degree and well equipped Communication Skills and
- Soft skills all department practical lab availability
- Excellent results produced by students in the university examinations.
- Enhance students to participate in Co-Curricular and Extracurricular activities.
- Extraordinary skills and knowledge of staff joined together with team work is the strength of the department.
- Stir up competitive tendency among faculties and students with proper guidelines.
- Ceaseless spirit for motivating students to enrich soft skills and inculcate employability skills.



Weakness:

- Need to get Research Projects.
- Extension activities to be improved

Opportunities:

- Student doing their working projects in our lab itself.
- Good learning environment.
- Very good platform for developing student's individual talents.

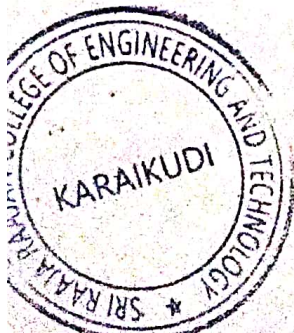
Challenges:

- To conduct international conferences, workshops and also get MOU with industries.
- Publication of more number of international journals and implementation of new Experiments / Innovative ideas.
- Improve the learning skills of weak students.
- To enable the students to shine in the Industry to the maximum possible extent by effective impart of the curriculum knowledge.

Future Plan:

- Encouraging the students to develop their performance, Extra talent and communication in all levels to get 100% result and placement.

- To aim for high university ranks.
- M. E holders are encouraged to get Ph.D.



PRINCIPAL

Sri Raaja Raajan College of Engg. & Tech.
Amaravathipur, Karaikudi - 630 301



SRI RAAJA RAAJAN

COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai)

146/14B1, Amaravathi Village, Amaravathiputhur Post,
Karaikudi – 630 301, Sivagangai Dt, Tamil Nadu

Website : www.sriraaajaraajan.in, E-mail : srreet2010@gmail.com, Ph: 04565-234230

1. Name of the Department : Computer Science and Engineering
2. Year of Establishment : 2010
3. Names of Programmes/ Courses offered (UG, PG etc.): U.G. and P.G.
4. Names of Interdisciplinary courses and the departments/units involved: Nil
5. Annual/semester/choice based credit system : Choice based credit system
6. Participation of the Department in the courses offered by other Departments:

Sl.No	Name of the Subject	Department	Nature of work
1.	GE8151 – Problem solving and Python programming	Civil Engineering, Computer Science and Engineering, Electronics and Communication Engineering, Electrical and Electronics Engineering, Mechanical Engineering	Theory
2.	GE8161 – Problem solving and Python programming	Civil Engineering, Computer Science and Engineering, Electronics and Communication Engineering, Electrical and Electronics Engineering, Mechanical Engineering	Practical
3.	EC8393 – Fundamentals of Data Structures in C	Electronics and Communication Engineering	Theory
4.	EC8381 – Fundamentals of Data Structures in C Lab	Electronics and Communication Engineering	Practical



5.	CS8392 - Object Oriented Programming	Electrical and Electronics Engineering	Theory
6.	CS8383 - Object Oriented Programming Lab	Electrical and Electronics Engineering	Practical
7.	EC8552 – Computer Architecture and Organization	Electronics and Communication Engineering	Theory

7. Courses in collaboration with other Universities, Industries, Foreign institutions, etc: Nil

8. Details of courses/Programmes discontinued (if any) with reasons: Not Applicable

9. Number of Teaching Posts sanctioned and filled (Professors/Associate Professors/Asst. Professors)

Category	Sanctioned	Filled
Professors		1
Associate Professors		-
Assistant Professors		11
Total		12

10. Faculty profile with Name, Qualification, Designation, Specialization, (D.Sc./D.Litt./Ph.D. / M.Phil.etc.,)

Sl.No	Name	Qualification	Designation	Specialization	No. of Years of Experience
1	Dr.K.Meena	M.E.,Ph.D.,	Professor	Computer Science and Engineering	20
2	Mr.R.Sri Janaki Raman	M.E.,	Assistant Professor	Computer Science and Engineering	9
3	Mr.S.Aanjan Kumar	M.E.,	Assistant Professor	Software Engineering	8
4	Mr.P.Ponvasan	M.E.,	Assistant Professor	Computer Science and Engineering	8



Sl.No	Name	Qualification	Designation	Specialization	No. of Years of Experience
5	Mrs.M.Sindhu	M.E.,	Assistant Professor	Computer Science and Engineering	6
6	Mr.A.Mohammed Abdul Kathir Khan	M.E.,	Assistant Professor	Computer Science and Engineering	3
7	Ms.M.Dhivya	M.E.,	Assistant Professor	Computer Science and Engineering	2
8	Mrs.V.Manju	M.E.,	Assistant Professor	Computer Science and Engineering	2
9	Mrs.P.Kiruthika	M.E.,	Assistant Professor	Computer Science and Engineering	1
10	Ms.AL.Alageshwari	M.E.,	Assistant Professor	Computer Science and Engineering	1
11	Mr.T.Pandeesvari	M.E.,	Assistant Professor	Computer Science and Engineering	1
12	Ms.J.Dhivya	M.E.,	Assistant Professor	Computer Science and Engineering	1
13	Mr.M.Surya	M.E.,	Assistant Professor	Computer Science and Engineering	1

11. List of Senior visiting faculty: NIL

12. Percentage of lectures delivered and practical classes handled(programmewise) by temporaryfaculty: NIL

13. Student-TeacherRatio(Programmewise): 20:1



14. Number of academic support staff(technical) and administrative staff:

Sanctioned and filled

Category	Sanctioned	Filled
Academic Staff (Technical)		2
Administrative Staff		

15. QualificationsofteachingfacultywithDSC/D.Litt./Ph.D./M.Phil/PG:

S.No	Qualifications	Totalnumberoffaculty
1	Ph.D.,	1
2	M.Phil.	-
3	PG	11
Total		12

16. Number of faculty with ongoing projects from

a)National Funding agencies and grants received: Nil

b)International funding agencies and grantsreceived: Nil

Sl.No	ProjectTitle	Nameofthe investigator	Funding Agency	CostofThe project	Status
-	-	-	-	-	-

17. Departmental projects funded by DST-FIST;UGC,DBT,ICSSR, etc.and total grantsreceived: Nil

18.Research Centre/facility recognized by the University: Nil

19. Publications:

Number of papers published in peer reviewed journals by faculty and students:

National : 1
International : 1



National:

Sl.No	Name of Faculty Member	Title	Journal Name	Impact factor	Year of publication
1.	Mr.S.AANJAN KUMAR	An Improved Method for Generating Biometric-Cryptographic System from Face Feature	Trends in Electronics and Informatics (ICOEI) (pp. 1076-1079).	7.78	2019

International:

Sl.No	Name of Faculty Member	Title	Journal Name	Impact Factor	Year of publication
1.	Mrs.V.Manju	Intelligent Fine grained Data Access with attribute based Re-encryption norms over Cloud platform	Innovative Research in Computer and Communication Engineering	7.194	Jan 2019

Number of papers published in conferences

National : Nil
International : Nil

List of Publications in International database:

S.No	Name of the international database	Name of the Publication
1	<i>An efficient soft computing approach for securing information over GAMEOVER Zeus Botnets with modified CPA algorithm</i>	<i>Soft Computing, 24(21), 16499-16507.</i>
2.	<i>Peer-2-Peer Botnet manage SDT security algorithm.</i>	<i>Computational Intelligence and Computing Research (ICCIC) (pp. 1-5). IEEE.</i>
3.	<i>A Secure Authenticated Bio-cryptosystem Using Face Attribute Based on Fuzzy Extractor.</i>	<i>New Trends in Computational Vision and Bio-Inspired Computing ICCVBIC 2018, Coimbatore, India, 379-384.</i>



Annexure is enclosed for the above said papers.

- Number of publications listed in International Database : 3
- Monographs :
- Chapter in Books :
- Books Edited :
- Books with ISBN/ISSN numbers with details of publishers :
- Citation Index :
- SNIP :
- SJR :
- Impact factor : 7.78
- h-index:

20. Areas of consultancy and income generated:

21. Faculty as members in

Sl.No	Name of Faculty member	Membership
-	-	-

22. Student projects: As per Prescribed Syllabus

23. Awards/Recognitions received by faculty and students: Students attended various college Conferences, Symposium, Sports activities and received prizes

24. List of eminent academicians and scientists/visitors to the department:

25. Seminars/Conferences/Workshops organized & the source of funding

a) National : Organised - Self Finance

b) International : Organised - Self Finance

26. Student profile programme/coursewise: Nil

27. Diversity of Students: Nil

28. How many Students have cleared national and state competitive examination such as NET, SLET, GATE, Civil services, Defense services etc: Nil



29. Student progression

30. Details of Infrastructural facilities

S.No.	Infrastructural Facilities	Details	
1	Library(Central)	NumberofVolumes	
		NumberofTitles	
		NumberofJournals	
		NumberofE-books	
		NumberofE-Journals	
2	Library(Department)	NumberofVolumes	590
		NumberofTitles	135
3	Internetfacilitiesforstaffand students	Available	
4	Student Laboratories	Full Equipped Computer Laboratory	

31. Number of students receiving financial assistance from college, university, government or other agencies: 107

32. Details on studenten richment programmes (speciallectures/workshops/seminar)
Withexternalexperts: Organised as per schedule

33. Teaching methods adopted to improve student learning:

- Smart class teaching methods are followed to teach the students in easy way.
- Separate hour is allocated to teach the students content beyond syllabus for both theory and laboratory class.
- Interested students are given class room seminars on general and also technical topics related to current development.
- Discussed the problems by forming groups in Tutorial hour.
- Make the students to learn English through activity based method.
- Enrich the level of students' communication skill.
- Encourage the students to do the innovative projects in recent trends



34. Participation in Institutional Social Responsibility (ISR) and Extension activities:

Participated in various NSS and YRC activities regularly

35. SWOC analysis of the department and Future plans:

Strength :

- Dedicated faculty members working for the uplift of the college.
- Well qualified teaching faculties with PG Qualification.
- Team Work of the Students and Faculties.

Weaknesses:

- Faculties with Industrial exposure and its technical aspects must be taught.
- To improve inter personal Skills.
- It is needed to organize and conduct international conferences for faculties and students.

Opportunities:

- Good learning environment
- Very good platform for developing students individual talents

Challenges:

- Improve the learning skills of weak students
- Accomplish English speaking environment with all its effects.

Future Plan:

- To get university rank in the department.



Head of the Department
Department of Computer Science and Engineering
Sri Raaja Raajan College of Engg. & Tech
Amaravathipur, Karaikudi - 630 301
Sivagangai Dist. Tamil Nadu



PRINCIPAL
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SRI RAAJA RAAJAN COLLEGE OF ENGINEERING AND TECHNOLOGY

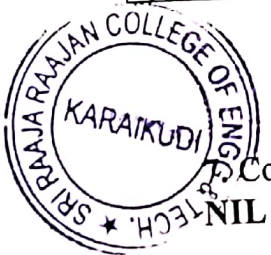
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Ph : 04565 - 234230 / 326132

Fax : 04565 - 234430
Mobile : 73737 11322, 73737 11333
E-mail : srceet2010@gmail.com
Website : www.ranjaraajan.org

1. Name of the Department: **Electronics and Communication Engineering**
2. Year of Establishment: **2010**
3. Names of Programmes / Courses offered (UG, PG, etc.): **ALL UG**
4. Names of Interdisciplinary courses and the departments/units involved :
Nil
5. Annual/semester/choice based credit system : **Choice based credit system**
6. Participation of the department in the courses offered by other departments:

Sl. No	Name of the Subject	Department	Nature of work
1	Engineering Practices Laboratory	Civil Engineering , Mechanical Engineering, Computer Science and Engineering,Electrical and Electronics Engineering	Practical
2..	Microprocessors and Microcontrollers	Computer Science and Engineering,Electrical and Electronics Engineering	Theory
3.	Microprocessors and Microcontrollers	Computer Science and Engineering,Electrical and Electronics Engineering	Practical
4.	Digital Principles and System Designs	Computer Science and Engineering	Theory
5	Digital Principles and System Designs	Computer Science and Engineering	Practical



Courses in collaboration with other universities, industries, foreign institutions, etc:



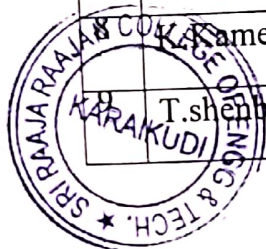
8. Details of courses/programmes discontinued (if any) with reasons: Nil

9. Number of teaching posts sanctioned and filled (Professors/Associate Professors/Asst. Professors)

Categor	Sanctioned	Filled
Professor	-	1
Associate Professors	-	1
Assistant Professors	-	7
Total	-	9

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D / M.Phil.etc.,)

S: NO	NAME OF THE STAFF	QUALIFICATION	DESIGNATION	SPECIALIZATION	EXPERIENCE
1.	DR.K Murali Babu	M.E.,ph.d.,	Professor	ECE	20 Years
2.	K. Isabella Rani	M.E	Assistant professor	ECE	10 Years
3	M. Saravanan	M.E	Assistant professor	ECE	6 Years
4	S. Venkatesan	M.E	Assistant professor	ECE	4 Years
5	T.N.Balaji	M.E	Associate professor	ECE	11 Years
6	A. Manikamuthu	M.E.,	Assistant professor	ECE	4 Years
07	V.Gowsalya	M.E	Assistant professor	ECE	2 Years
	Kameshwaran	M.E	Assistant professor	ECE	4 Years
	T.shenbagam	M.E	Assistant professor	ECE	4 Years



11. List of senior visiting faculty: **NIL**

12.

Percentage of lectures delivered and practical classes handled (programmewise) by temporary faculty: **NIL**

13. Student-Teacher Ratio (Programmewise): **15:1**

14. Number of academic support staff (technical) and administrative staff: Sanctioned and filled

Category	Sanctioned	Filled
Academic Staff (Technical)	-	2
Administrative Staff	-	-

15. Qualification of teaching faculty with DSC/D.Litt./Ph.D./M.Phil/PG:

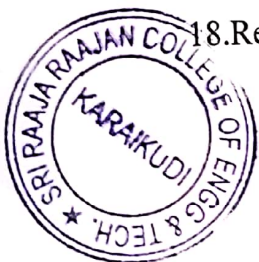
S.No	Qualifications	Total number of faculty
1	Ph.D	1
2	M.E	8
Total		9

16. Number of faculty with ongoing projects from

a) National b) International funding agencies and grants received: **Nil**

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received: **Nil**

18. Research Centre/facility recognized by the University: **Nil**



19. Publications:

Number of papers published in peer reviewed journals by faculty and students:

National :NIL

International :NIL

National:

Sl.No	Name of Faculty Member	Title	Journal Name	Impact factor	Year of publication
-					

International:04

Sl.No	Name of Faculty M	Title	Journal Name	Impact Factor	Year of publication
1.	K.Muralibabu	Paper Power Reduction in SR FFT Processor Using Multi Bit Flip Flop Me	International Journal of Research and Analytical		2017
2.	K.Muralibabu	strategicalcomparision of placement a routing in vlsi design using optimization algorithms	Journal of Emerging Technologies and Innovative		2018.
3.	K.Muralibabu	switching systems for agriculture by digitalization technique using--- raspb pi	International Journal of Management,		2019.

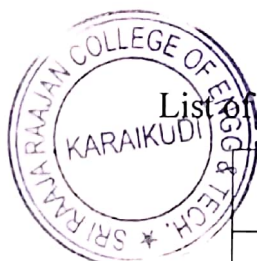
Number of papers published in conferences

National :Nil

International : Nil

List of Publications in International database:

S.No	Name of the international database	Number of publications



Annexure is enclosed for the above said papers.

- Number of publications listed in International Database : Nil
- Monographs : Nil
- Chapter in Books : Nil
- Books Edited : Nil
- Books with ISBN/ISSN numbers with details of publishers : Nil
- Citation Index : Nil
- SNIP : Nil
- SJR : Nil
- Impact factor : Nil
- h-index: Nil

20. Areas of consultancy and income generated: Nil

21. Faculty's membership:

Sl.No	Name of Faculty member	Membership
1	K.Isabella rani	ISTE Life time membership
2	K.Isabella rani	IETE Life time membership
3	Dr.K.Murali Babu	ISTE Life time membership
4	Dr.K.Murali Babu	ISEEE Life time membership

Student projects: As per prescribed Syllabus

23. Awards/Recognitions received by faculty and students: Nil

24. List of eminent academicians and scientists/visitors to the department: Nil

25. Seminars/Conferences/Workshops organized & the source of funding

a) National : Nil

b) International : Nil

26. Student profile programme/coursewise: Nil

27. Diversity of Students:

28. How many Students have cleared national and state competitive examinations such as

NET, SLET, GATE, Civil services, Defense services, etc: Nil



30. Details of Infrastructural facilities

S.No	Infrastructural Facilities	Details	
1	Library(Central)	Number of Volumes	
		Number of Titles	
		Number of Journals	
		Number of E-books	
		Number of E-Journals	
2	Library(Department)	Number of Volumes	535
		Number of Titles	140
3	Internet facilities for staff and Students	Available	
4	Student Laboratories	Mpmc Lab Electronics Lab Analog And Digital Lab Advanced communication Laboratory Embedded Lab	

31. Number of students receiving financial assistance from college, university, government or other agencies: **50**

32. Details on student enrichment programmes (special lectures/workshops/seminar)

With external experts:

- 1) Workshop on embedded system based on IOT
- 2) Seminar on Career development

33. TEACHING METHODS ADOPTED TO IMPROVE THE STUDENT LEARNING

- ✓ Smart class teaching method are followed to teach the students in easy way.
- ✓ Separate hours allotted to teach the students content beyond syllabus for both theor laboratory classes
- ✓ Interested students are given given classroom seminars on general and also technical topics related to current development.
- ✓ Discussed the problems by forming groups in tutorial hour.
- ✓ Enrich the student technical knowledge through different topics by seminar.

34. Participation in institutional social responsibility (ISR) and extension activities:

Yes



35. SWOC Analysis of the department and future plans :

STRENGTHS:

- ✓ Dedicated faculty members working for the uplift of the college.
- ✓ Well quality teaching with master degree and well equipped of communication skill soft skills .
- ✓ All department practical lab availability.
- ✓ Enhance the students to participate in co-curricular and extra curricular activities.
- ✓ Excellent results produced by students in university examinations.
- ✓ Extraordinary skills and knowledge of staff joined together with team work is the strength of the department.
- ✓ Stirup competitive tendency among faculties with the proper guidelines.
- ✓ Ceaseless sprit for motivating students to enrich softskills and to improve employability skills.

WEAKNESS:

- ✓ Extension activities to be improved
- ✓ It is needed to organize and conduct international level seminars and conference for faculties and students.

OPPORTUNITIES:

- ✓ Students doing their working projects in our lab itself
- ✓ Good learning environment
- ✓ Very good platform for developing students individual talents




CHALLENGES:

- ✓ To conduct international conferences ,workshops
- ✓ To get MOU with industries.
- ✓ Publication of more number of international journals and implementation of new experiments /innovative ideas.
- ✓ Improve the learning skills of weak students.
- ✓ To enable the students to shine in the industry to the maximum possible .
- ✓ To extent effective impart if the curriculum knowledge.

FuturePlan:

- ✓ Encouraging thye students to develop the students performance
- ✓ To make students extra talented .
- ✓ To improve the communication skills
- ✓ To develop the language and many skills to make best results
- ✓ To get 100%results
- ✓ To aim high university ranks
- ✓ M.E holders are encouraged to get Ph.D.




PRINCIPAL
Sri Raaja Raajan College of Engg. & Tech
Amaravathipudur, Karaikudi - 630 301
Sivagangai Dist. Tamil Nadu



SRI RAAJA RAAJAN COLLEGE OF ENGINEERING AND TECHNOLOGY

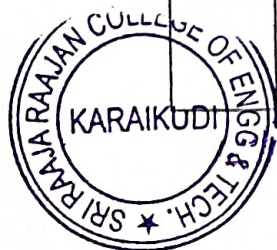
(Approved by AICTE, New Delhi & Affiliated to Anna University)

116 / III, Amaravathi Village,
Amaravathipuram (P.O.),
Karaikudi - 630 301,
Ph : 04565 - 234430 - 326132

Fax : 04565 - 234430
Mobile : 73737 11322, 73737 11333
E-mail : srreet2010@gmail.com
Website : www.raajaraajan.org

1. Name of the Department: Electrical and Electronics Engineering
2. Year of Establishment: 2010
3. Names of Programmes/ Courses offered(UG,PG,etc.): All U.G
4. Names of Interdisciplinary courses and the departments/units involved: nil
5. Annual/semester/choice based credit system: Choice based credit system
6. Participation of the department in the courses offered by other departments:

Sl.No	Name of the Subject	Department	Nature of work
1.	Engineering Practice Laboratory	Civil Engineering, Computer science & Engineering, Electronics and communication Engineering, Electrical and Electronics Engineering	Practical
2.	Basic Electrical and Electronics Engineering	Mechanical Engineering, Computer Science and Engineering	Theory
3.	Electrical and Instrumentation Engineering	Electronics and communication Engineering	Theory
4.	Basic Electrical and Electronics Engineering Laboratory	Mechanical Engineering	Practical
5.	Basic Electrical, Electronics and Instrumentation Engineering	Civil Engineering	Theory



SLN	Name of the Subject	Department	Nature of work
6	Basic Electrical, Electronics and Instrumentation Engineering Laboratory	Civil Engineering	Practical

7. Courses in collaboration with other universities, industries, foreign institutions, etc: Nil

8. Details of courses/ programmes discontinued (if any) with reasons: NA

9. Number of teaching posts sanctioned and filled (Professors/Associate Professors/Asst. Professors)

Category	Sanctioned	Filled
Professors		1
Associate Professors		-
Assistant Professors		8
Total		9

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D. / M.Phil.etc.,)

SLNo	Name	Qualification	Designation	Specialization	No. of Years of Experience
1	Dr.AL. MAYILVAHAN AN	M.E., Ph.D	Professor	Power Electronics & Drives	20
2	Mrs.N.RAJESWARI	M.E., Ph.D*	Asst prof	Power Systems Engineering	15
3	Mr.T.ROBERT NOBILI BRITTO	M.E	Asst prof	Energy Engineering	7
4	Ms.S.DIVYALAKSHMI	M.E	Asst prof	Power Electronics & Drives	2



SLNo	Name	Qualification	Designation	Specialization	No. of Years of Experience
5	Mr. N. SRINIVASAN	M.E	Asst prof	Power Electronics & Drives	2
6	Ms. R. ASHABOSHINI	M.E	Asst prof	Power Electronics & Drives	-
7	Mrs. K. MINARVA DEVI	M.E	Asst prof	Communication Systems	3
8	Mr. S. GOMATHI SANKAR	M.E	Asst prof	Control and Instrumentation	6
9	Ms. M. RAJESWARINI	M.E	Asst prof	Power Electronics & Drives	4

11. List of senior visiting faculty: Nil

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: Nil

13. Student-Teacher Ratio (Programme wise): 15 : 1

14. Number of academic support staff (technical) and administrative staff:
Sanctioned and filled

Category	Sanctioned	Filled
Academic Staff (Technical)		2
Administrative Staff		

15. Qualifications of teaching faculty with DSC/D.Litt./Ph.D./M.Phil/PG:

S.No	Qualifications	Total number of faculty
1	Ph.D.,	1
2	M.Phil.	-
	PG	8
	Total	9



16. Number of faculty with ongoing projects from

a) National funding agencies and grants received: Nil

b) International funding agencies and grants received: Nil

Sl.No	Project Title	Name of the Investigator	Funding Agency	Cost of The project	Status

17. Departmental projects funded by DST-FIST;UGC,DBT,ICSSR, etc. and total grants received:

18. Research Centre/ facility recognized by the University: Nil

19. Publications:

Number of papers published in peer reviewed journals by faculty and students:

National : 1

International : 1

National:

Sl.No	Name of Faculty Member	Title	Journal Name	Impact factor	Year of publication
1	Minarvadevi. k	Case Study . Design Engineering for Ear Biometric Model	Design Engineering		2022

International:

Sl.No	Name of Faculty Member	Title	Journal Name	Impact Factor	Year of publication
1	N.Rajeswari	AN EFFICIENT HONEY BADGER OPTIMIZATION BASED SOLAR MPPT UNDER PARTIAL SHADING CONDITIONS	INTELLIGENT AUTOMATION AND SOFT COMPUTING	3.1	2022



Number of papers published in conferences

National : Nil

International : Nil

List of Publications in International database:

S.No	Name of the international database	Number of publications

Annexure is enclosed for the above said papers.

- Number of publications listed in International Database :
- Monographs :
- Chapter in Books :
- Books Edited :
- Books with ISBN/ISSN numbers with details of publishers :
- CitationIndex :
- SNIP :
- SJR :
- Impactfactor :
- h-index:

20. Areas of consultancy and income generated:

21. Faculty as members in

Sl.No	Name of Faculty member	Membership
1.	N.Rajeswari	ISTE- Life member

22. Student projects: As per Prescribed Syllabus

23. Awards /Recognitions received by faculty and students: Students attended various college Symposium and received prizes

24. List of eminent academicians and scientists/visitors to the department:

25. Seminars/Conferences/Workshops organized & the source of funding

National : Organised as per schedule



b)International :

26.Student profile programme/coursewise: Nil

27.Diversity of Students:

28.How many Students have cleared national and state competitive examinations such as NET,SLET,GATE,Civilservices,Defenseservices,etc:

29.Student progression

30.Details of Infrastructural facilities

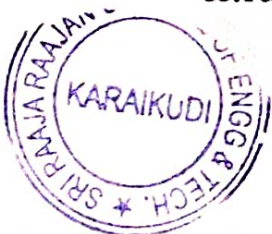
S.No.	InfrastructuralFacilities	Details	
1	Library(Central)	Number of Volumes	
		Number of Titles	
		Number of Journals	
		Number of E-books	
2	Library (Department)	Number of E-Journals	
		Number of Volumes	590
		Number of Titles	135
3	Internet facilities for staff and students	Available	
4	Student Laboratories	Electrical Machines Laboratory Control & Instrumentation Laboratory Power Electronics and Drives Laboratory Power System Simulation Laboratory	

31. Number of students receiving financial assistance from college, university, government or other agencies: 48

32.Details on student enrichment programmes (special lectures/workshops/seminar)
With external experts: Organised as per schedule

33.Teaching methods adopted to improve student learning:

- Smart class teaching methods are followed to teach the students in easyway.
- Separate hour is allocated to teach the students content beyond syllabus for both



theory and laboratory class.

- Interested students are given classroom seminars on general and also technical topics related to current development.
- Discussed the problems by forming groups in Tutorial hour.
- Make the students to learn English through activity based method.
- Enrich the level of students' communication skill.

34.Participation in Institutional Social Responsibility(ISR) and Extension activities:

Participated in various NSS and YRC activities regularly

35. SWOC analysis of the department and Future plans:

Strength :

- Dedicated faculty members working for the uplift of the college.
- Well Qualified teaching faculties with PG Qualification.
- Team Work of the Students and Faculties.

Weaknesses:

- Faculties with Ph.D to be improved .
- To improve inter personal Skills.
- It is needed to organize and conduct international conferences for faculties and students.

Opportunities:

- Good learning environment
- Very good platform for developing students individual talents

Challenges:

- Improve the learning skills of weak students
- Accomplish English speaking environment with all its effects.

FuturePlan:

- To get university rank in the department.




PRINCIPAL
Sri Raaja Raajan College of Engg. & Tech.
Amaravathipudur, Karaikudi - 630 001
Sivagangai Dist. Tamil Nadu

1. Name of the Department: MECHANICAL ENGINEERING

2. Year of Establishment: 2010

3. Names of Programmes / Courses offered (UG, PG, etc.): All UG

4. Names of Interdisciplinary courses and the departments/units involved: Nil

5. Annual/ semester/choice based credit system: Semester with Choice based creditsystem

6. Participation of the department in the courses offered by other departments:

Sl.No	Name of the Subject	Department	Nature of
1.	Engineering Graphics	Civil Engineering, Computer science &Engineering, Electronics and communication Engineering, Electrical and Electronics Engineering	Theory
2.	Engineering Practice Laboratory	Civil Engineering, Computer science &Engineering, Electronics and communication Engineering, Electrical and Electronics Engineering	Practical
3.	Basic Civil and Mechanical	Electrical and Electronics Engineering	Theory

7. Courses in collaboration with other universities, industries, foreign institutions, etc:

Nil

8. Details of courses / programmes discontinued (if any) with reasons: Nil

9. Number of teaching posts sanctioned and filled (Professors/Associate Professors/ Asst. Professors)

Category	Sanctioned	Filled
Professors	-	04
Associate Professors	-	nil
Assistant Professors	-	06
Total	-	10

10. Faculty profile with name, qualification, designation, specialization,(D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Sl.No	Name	Qualification	Designation	Specialization	No. of Years of Experience
1	Dr.A.Elango	Ph.D	Principal	Production Engineering	37
2	Dr.K.Senthamarai	Ph.D	Dean & Professor	Manufacturing Engineering	25
3	Dr.A.Andrew	Ph.D	HoD	Manufacturing Engineering	2
4	Dr.K.Velmanirajan	Ph.D	Professor	Production Engineering	26
5	Mr.M.Ramanathan	M.E	Asst. Professor	Manufacturing Engineering	8
6	Mr.D.Sivaraman	M.E	Asst. Professor	Manufacturing Engineering	10
7	Mr.S.Prem	M.E	Asst. Professor	Engineering Design	6
8	Mr.P.Saran Kumar	M.E	Asst. Professor	Manufacturing Engineering	6
9	Mr.R.Rajasekar	M.E	Asst.Professor	Automobile Engineering	10
10	Mr.M.Veeran	M.E	Asst. Professor	Manufacturing Engineering	2

11. List of senior visiting faculty: Nil

12. Percentage of lectures delivered and practical classes handled

(programme wise) by temporary faculty: Nil

13. Student -Teacher Ratio (Programme wise): 15:1

14. Number of academic support staff (technical) and administrative staff: Sanctioned and filled

Category	Sanctioned	Filled
Academic Staff	-	02
Administrative Staff	-	

15. Qualifications of teaching faculty with DSC/ D.Litt. /Ph.D. / M.Phil / PG:

S.No	Qualifications	Total number of faculty
1	Ph.D.,	04
2	M.Phil.	-
3	PG	06
Total		10

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received:

Sl.No	Project Title	Name of the investigator	Funding Agency	Cost of project	Status
-	-	-	-	-	-

17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received: Nil

18. Research Centre /facility recognized by the University: Nil

19. Publications:

Number of papers published in peer reviewed journals by faculty and students:

National : 06
International : 06

National:

Sl.No	Name of Faculty Membe	Title	Journal Name	Impact factor	Year of publication
1	Dr.A.Elango	Effect of butt joint distortion on Ti/Al dissimilar metal using	Iaras Publications	1.08	2017

2	Dr.A.Elango	Simulation based sustainable manufacturing system	SEUIR Repository	0.97	2017
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International:

Sl.No	Name of Faculty	Title	Journal Name	Impact Factor	Year of publication
1	Dr.K.Senthamarai	Effect of process parameters on machining behaviour using S/N ratio and ANOVA analysis	Materials Today: Proceedings	2.59	2022
2	Dr.K.Senthamarai	Investigations on the wire EDM characteristics of Al matrix composite using TOPSIS method	Materials Today: Proceedings	2.59	2022
3.	Dr.K.Velmanirajan	Corrosion behavior of mild steel using an aqueous seed extract of Citrullus lanatus	International conference on frontier areas in chemical technologies.	0.51	2017
4	Dr.K.Velmanirajan	Corrosion behavior of mild steel using an aqueous leaf extract of cynodont dactylon	International conference on frontier areas in chemical technologies.	0.51	2018
5	Dr.K.Velmanirajan	A study on the corrosion of mild steel using an aqueous leaf extract of Lagenaria siceraria.	International conference on frontier areas in chemical technologies.	0.51	2018
6	Dr.A.Elango	Estimation of carbon credits of fishing boat diesel engine running on diesel-ethanol-bio-diesel	Materials Today: Proceedings	2.59	2020

7.	Dr.A.Elango	Effect of heat treatment on mechanical properties and microstructure of Ti/Al sheet metal joint using laser beam welding	Under Science Online	1.02	2018
8.	Dr.A.Elango	Energy conservation in two wheeler head tube welding fixture by modeling	AIP Conference Proceedings	0.41	2018
9.	Dr.A.Elango	Studies on weldment performance of Ti/Al dissimilar sheet metal joints using laser beam welding	DBPIA Proceedings	1.95	2018
10.	Dr.A.Elango	Influence of LBW parameters on properties of Ti6Al4V/AA2024 dissimilar alloy joint	NIScPR Online Periodicals Repository	0.615	2018
11.	Dr.A.Elango	Before and after Heat Treatment on Weldment Of TI/AL Laser Beam Dissimilar Joints.	Materials today communications	2.59	2017
14.	R Rajasekar	Evaluation of metal oxide nano particles in lemongrass biodiesel for engine performance, emission and combustion characteristics	Materials Today: Proceedings	2.59	2021

Number of papers published in conferences

National : 05

International : 03

Annexure is enclosed for the above said papers.

- Number of publications listed in International Database : 02
- Monographs : Nil
- Chapter in Books : 02
- Books Edited : Nil
- Books with ISBN/ISSN numbers with details of publishers
ISBN no.of the book : 978-1-78984-514-33
Name of the Book: Aluminium and its Interlinking Properties
Name of the Publisher ::Dr. K. Velmanirajan
 - Citation Index :
 - SNIP : Nil
 - SJR : Nil
 - Impact factor : 20.51
 - h-index : Nil

20. Areas of consultancy and income generated: Nil

21. Faculty as members in

Sl.No	Name of Faculty member	Memebership
1.	Dr.K.Senthamarai	Indian society of Mechanical Engineer (Life Member: FISME20121888)

22. Student projects: As per Anna University prescribed and FundedProject

23. Awards / Recognitions received by faculty and students: Dr.K.Senthamarai

24. List of eminent academicians and scientists / visitors to the department:

- 1.Prof.P.Manishankar, Vice Chancellor of Bharathidasan University , Tiruchirappalli launched the E-bike.**
- 2. .Dr. Selvam, Vice Chancellor of Bharathidasan University, Tiruchirappalli Inaugurated Robotics and Automation Lab.**
- 3. Dr. G. Ravi, Vice Chancellor of Alagappa University, Karaikudi visited Robotics and Automation Lab**
- 4. Dr.G.Gnanasambandan, Indian Professor, Tamil Scholar, Orator and an actor visited Robotics and Automation Lab**

25. Seminars/ Conferences/Workshops organized & the source of funding a) National : Nil

b) International : Nil

26. Student profile programme/course wise: Nil

27. Diversity of Students:

28. How many Students have cleared national and state competitive examinations such as

NET, SLET, GATE, Civil services, Defense services, etc: Nil

29. Student progression : Nil

30. Details of Infrastructural facilities

S.No.	Infrastructural Facilities	Details	
1	Library (Central)	Number of Volumes	
		Number of Titles	
		Number of Journals	
		Number of E-books	
		Number of E-Journals	
2	Library (Department)	Number of Volumes	651
		Number of Titles	120
3	Internet facilities for staff and students	Provided	
4	Student Laboratories	1. Engineering practice Lab 2. Manufacturing Processes Laboratory 3. Thermal Engineering Laboratory 4. Metrology Laboratory 5 Dynamics Laboratory 6. CAD/CAM Laboratory 7. Heat Transfer Laboratory 8. Mechatronics and IOT Laboratory	

31. Number of students receiving financial assistance from college, university, government or other agencies: Nil

32. Details on student enrichment programmes (special lectures / workshops / seminar) With external experts: Workshop and seminars conducted.

33. Teaching methods adopted to improve student learning:

- Smart class teaching methods are followed to teach the students in easy way.
- Separate hour is allocated to teach the students content beyond syllabus for both theory and laboratory class.
- Interested students are given classroom seminars on general and also technical topics related to current development.
- Discussed the problems by forming groups in Tutorial hour.
- Make the students to learn English through activity-based method.
- Enrich the level of students' communication skill.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities: Nil

35. SWOC analysis of the department and Future plans:

Strengths:

- Dedicated faculty members working for the uplift of the college.
- Well Qualified teaching faculties with Ph.D
- Extraordinary skills and knowledge of staff join together with team work is the strength of the department.

Weaknesses:

- Extension activities to be improved.
- It is needed to organize and conduct international conferences for faculties and students.

Opportunities:

- Good learning environment
- Very good platform for developing students' individual talents

Challenges:

- Improve the learning skills of weak students
- Accomplish English speaking environment with all its effects.

Future Plan:

- To aim for more university ranks

DEPARTMENT APPRAISAL

1. Name of the Department: **SCIENCE AND HUMANITIES**

2. Year of Establishment: **2010**

3. Names of Programs/ Courses offered (UG, PG, etc.): **All UG, PG**

4. Names of Interdisciplinary courses and the departments/units involved: **Nil**

5. Annual/semester/choice based credit system: **Semester with Choice based credit system**

6. Participation of the department in the courses offered by other departments:

S.No	Nam of the Subject	Department	Nature of work
1.	Transforms and Partial Differential Equations	Civil Engineering, Mechanical Engineering	Problem
2.	Probability and Linear Algebra	Electronics and communication Engineering	Theory, Problem
3.	Probability and Complex function	Electrical and Electronics Engineering	Theory, Problem
4.	Discrete Mathematics	Computer Science and Engineering	Theory, Problem
5.	Environmental Science and Sustainability	Civil Engineering, Mechanical Engineering, Electronics and communication Engineering, Electrical and Electronics, Computer Science and Engineering	Theory

6.	Professional Communication	Civil Engineering, Mechanical Engineering, Electronics and communication Engineering, Electrical and Electronics, Computer Science and Engineering	Lab
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7. Courses in collaboration with other universities, industries, foreign institutions, etc:
Nil

8. Details of courses /programmers discontinued (if any) with reasons: Nil

9. Number of teaching posts sanctioned and filled (Professors/Associate Professors /Asst. Professors)

Category	Sanctioned	Filled
Professors	-	02
Associate Professors	-	02
Assistant Professors	-	18
Total	-	22

10. Faculty profile with name, qualification, designation, specialization,(D.Sc./D.Litt./Ph.D. / M.Phil . etc.,)

S. N O	Name	Qualification	Designation	Specialization	No. of years experience
1.	V.MAHALINGASURES H	M.Phil	HOD	MATHS	13
2.	DR.M.KANNADASAN	PhD	PROFESSOR	ENGLISH	01
3	DR.A.RAJINA BANU	PhD	ASSOCIATE PROFESSOR	ENGLISH	04
4	DR.K.SUNDARAM	PhD	PROFESSOR	PHYSICS	14
5	DR.R. MEENA DEVI	PhD	ASSOCIATE PROFESSOR	CHEMISTRY	12
6	DR.V.SARATHY	PhD	ASSISTANT PROFESSOR	AGRI	02
7	DR.R.MANIGANDAN	PhD	ASSOCIATE PROFESSOR	CHEMISTRY	06
8	DR.K.TAMILARASI	PhD	ASSISTANT PROFESSOR	TAMIL	06
9	DR.M.SAKTHIVEL	PhD	ASSISTANT PROFESSOR	PRINCIPLES OF MANAGEMENT	02
10	DR.P.BOOMI RAJA	Ph.D	ASSISTANT PROFESSOR	ENGLISH	06
11	A.THIRUKURAL SELVI	M.Phil	ASSISTANT PROFESSOR	PHYSICS	1

12	P.GEETHA	M.Phil	ASSISTANT PROFESSOR	MATHS	10
13	G.LAVANYA	M.Phil	ASSISTANT PROFESSOR	MATHS	07
14	K.PANDISELVI	M.Phil	ASSISTANT PROFESSOR	MATHS	09
15	SP.VIDHYA	M.Phil	ASSISTANT PROFESSOR	MATHS	08
16	S.BALASUNDARI	M.Phil	ASSISTANT PROFESSOR	MATHS	05
17	K.KARTHIKA	M.Phil	ASSISTANT PROFESSOR	MATHS	7MONTHS
18	R.VASUKI	M.Phil	ASSISTANT PROFESSOR	ENGLISH	06
19	A.SATHYA	M.Phil	ASSISTANT PROFESSOR	CHEMISTRY	01
20	V.VASUKI	M.Phil	ASSISTANT PROFESSOR	ENGLISH	06
21	R.COWSALYA	M.Phil	ASSISTANT PROFESSOR	ENGLISH	06 MONTHS
22	N.ASHWINI	M.Phil	ASSISTANT PROFESSOR	ENGLISH	01
23	M.VADIVAMBAL	M.COM	ASSISTANT PROFESSOR	PRINCIPLES OF MANAGEMENT	2YEARS 6MONTHS

11. List of senior visiting faculty: Nil

12. Percentage of lectures delivered and practical classes handled (program wise) by temporary faculty: Nil

13. Student – Teacher Ratio (Program wise): 15:1

14. Number of academic support staff (technical) and administrative staff: Sanctioned and filled

Category	Sanctioned	Filled
Academic Staff (Technical)	-	02
Administrative Staff	-	

15. Qualifications of teaching faculty with DSC/D.Litt./Ph.D./M.Phil/PG:

S.No	Qualifications	Total number of faculty
1	Ph.D.,	09
2	M.Phil.	13
3	PG	
Total		22

16. Number of faculty with ongoing projects from a)National b)International funding agencies and grants received:

Sl.No	Project Title	Name of the investigator	Funding Agency	Cost of The project	Status
-	-	-	-	-	-

17. Departmental projects funded by DST-FIST;UGC,DBT,ICSSR, etc. and total grants received: Nil

18. Research Centre/facility recognized by the University: Nil

19. Publications:

Number of papers published in peer reviewed journals by faculty and students:

National : -
International : 08

National:

SL No	Name of Faculty Member	Title	Journal Name	Impact factor	Year of publication
-	-	-	-	-	-

International:

S.No	Name of Faculty	Title	Journal Name	Impact Factor	Year of publication
1	R.Meena devi	Comparative Studies on Biodiesel From Rubber Seed oil Using Homogeneous and Heterogeneous Catalysts	International Journal of Green energy	-	2015
2	R.Meena devi	Fabrication and Comparison of Wheat Drying in Solar Dryer and Natural Dryer	Scientific Journal of Impact Factor		2018

3	R.Meena devi	Experimental Investigations of Specific Gravity on Trans esterified Rubber Seed Methyl Ester	Scientific Journal of Impact Factor		2018
4	R.Meena devi	An Exhaustive Study on the Performance And Quality Assessment of Biodiesel Produced from Low Catalytic Activity Catalyst	Scientific Journal of Impact Factor		2018
5	V.Sarathi	An Investigation of The Soil Mycoflora in Turmeric Field of Pudukkottai District	World Journal of Pharmaceutical Research		2014
6	V.Sarathi	phytoremediation of tannery effluent by water hyacinth(<i>Eichhornia crassipes</i>)	Global journal for research		2015
7	K.Sundaram	Effect of heat treatment on micro structural and optical properties of CBD grown Al-doped ZnO thin films	Materials Science and Engineering B		2011
8	K.Sundaram	Growth and characterization of electro synthesized iron selenide thin films	Vacuum 83		2009
9	Dr.R.Manigandan	Three-dimensional Ni/Ni ₃ Fe embedded boron-doped carbon nanotubes nanochain frameworks as highly efficient and durable	Volume 451, 1 March 2020, 227753		2020
10	Dr.R.Manigandan	Three-dimensional porous nano architecture constructed by ultrathin NiCoBOx nano sheets as a highly efficient and durable	Volume 321, 20 October 2019, 134666		2019
11	Dr.R.Manigandan	Hierarchically porous nano architecture constructed by ultrathin CoSe ₂ embedded Fe-CoO nano sheets as robust electro catalyst for	Volume 78, 10 July 2021, Pages 229-237		2021

12	Dr.R.Manigandan	W2C nanodot-decorated CNT networks as a highly efficient and stable electrocatalyst for hydrogen evolution in acidic and	Issue 11, 2019		2019
13	Dr.R.Manigandan	Chalcopyrite with Magnetic and Dielectric Properties: An Introductory Catalyst for 4-Nitrophenol Reduction	2020, 124, 33, 18010–18019		2020
14	Dr.R.Manigandan	Vertical V-Doped CoP Nanowall Arrays as a Highly Efficient and Stable Electrocatalyst for the Hydrogen Evolution	2020, 3, 1, 1027–1035		2020
15	Dr.R.Manigandan	Scalable Synthesis of Heterogeneous W–W2C Nanoparticle-Embedded CNT Networks for Boosted Hydrogen Evolution	2019, 7, 11, 10016–10024		2019

Number of papers published in conferences

National :-

International :-

List of Publications in International database:

S. No	Name of the international database	Number of publications
-		

Annexure is enclosed for the above said papers.

- Number of publications listed in International Database : 08
- Monographs : Nil
- Chapter in Books : Nil
- Books Edited : Nil
- Books with ISBN/ISSN numbers with details of publishers : 01
- Citation Index : Nil
- SNIP : Nil
- SJR : Nil

- Impact factor : Nil
- H-index : Nil

20. Areas of consultancy and income generated: Nil

21. Faculty as members in

S. No	Name of Faculty member	Member ship
	-	-

22. Student projects: Nil

23. Awards /Recognitions received by faculty and students: Nil

24. List of eminent academicians and scientists/visitors to the department: Nil

25. Seminars/Conferences/Workshops organized & the source off undoing

a) National : Nil

b) International : Nil

26. Student profile programmers /course wise: Nil

27. Diversity of Students: Nil

28. How many Students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc:

29. Student progression: Nil

30. Details of Infra structural facilities

S No.	Infra structural Facilities	Details	
1	Library(Central)	Number of Volumes	
		Number of Titles	
		Number of Journals	
		Number of E-books	
		Number of E-Journals	
2	Library(Department)	Number of Volumes	
		Number of Titles	
3	Internet facilities for staff and students	Provided	

4	Student Laboratories	1. Physics – Chemistry Laboratory
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31. Number of students receiving financial assistance from college, university, government or other agencies: Nil

32. Details on student enrichment programmers (special lectures/workshops/seminar) with external experts: Workshop and seminars conducted.

33. Teaching methods adopted to improve student learning:

- Smart class teaching methods are followed to teach the students in easy way.
- Separate hour is allocated to teach the students content beyond syllabus for both theory and laboratory class.
- Interested students are given classroom seminars on general and also technical topics related to current development.
- Discussed the problems by forming groups in Tutorial hour.
- Make the students to learn English through activity based method.
- Enrich the level of students' communication skill.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities: Nil

35. SWOC analysis of the department and Future plans:

Strengths:

- Dedicated faculty members working for the uplift of the college.
- Well Qualified teaching faculties with PhD
- Extraordinary skills and knowledge of staff join together with team work is the strength of the department

Weaknesses:

- Extension activities to be improved.
- It is needed to organize and conduct international conferences for faculties and students.

Opportunities:

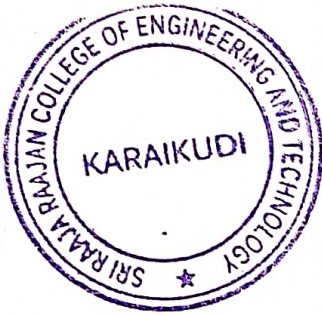
- Good learning environment
- Very good platform for developing students' individual talents

Challenges:

- Improve the learning skills of weak students
- Accomplish English speaking environment with all its effects.

Future Plan:

- To aim for more university ranks



A handwritten signature in black ink, appearing to be "V. S. Srinivasan".

PRINCIPAL

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