



# A. R. ENGINEERING COLLEGE

(Approved by AICTE, New Delhi & Affiliated to Anna university, Chennai)  
Vadakuchipalayam, Kappiyampuliyur post, Villupuram-605601, Tamilnadu

## Criteria 1 –Curricular Aspects

### Key Indicator –1.3.2 Curriculum Enrichment

#### 1.3.2. Percentage of students undertaking Project Work/Field Work/Internships

**NOTE:** The supporting documents for this metric exceed the upload limit of 5MB. Hence the documents are made available in HEI website and links for the metric is given below.

### INDEX

METRIC	PARAMETER	LINK TO RELEVANT DOCUMENTS
1.3.2	Percentage of students undertaking Project Work/Field Work/Internships	<u><a href="#">VIEW DOCUMENT</a></u>



**Dr. R. PANNEERDHASS, M.E., Ph.D.,**  
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VILLUPURAM-605 601.




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## 1.3.2. Percentage of students Undertaking Project Work/Field Work/Internship (Data for the latest completed academic year)

### AUTHENTICATION CERTIFICATE


This is to certify that the total No. of students undertaking project work, field work and internships during the after completed academic year 2022-2023 is 182 and the percentage of students undertaking project work, field work and internships is 100%

1.3.2.1 Number of students undertaking project work/ field work/internships: 182

$$\text{Percentage} = \frac{\text{Number of students undertaking project work/ field work/internships}}{\text{Total number of students during the latest completed academic year}} * 100$$

$$\text{Percentage} = 182 / 182 * 100 = 100\%$$



  
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13.2 percentage of students undertaking project work /final work/ internship

s no	programme name	program code	list of students undertaking project work/final work/ internship
1	COMPUTER SCIENCE ENGINEERING(PROJECT WORK)	104	THANUJ K M
2			CHANDRAN
3			HEEJAYE
4			PRASANTH
5			ANJITH
6			SRINIVASARAJA
7			DEVI R
8			DEVIN
9			DEVIN
10			MAHESH
11			NAJIB R
12			PRANAV M
13			SUNIL D
14			STEVEN JOHN F
15			ELANJAL S
16			SANTOSH Q
17			SYED NADIR N
18			VENKATESH T
19			ANSHU M
20			DEEJAY Q
21			JAGDEESH KRANT
22			KANAKESH
23			NAVEEN S
24			MOHAN M
25			MAHESWARAN M
26			MORHANATHAN A
27			NITHYANANDAN Q
28			RANJAN
29			SEVATHI S
30			SANDEEPA B
31			SEVAA
32			VHAY CHAN SANG M
33			VISHWAN
34			VIVANUS
35			CE NAL S
36			THAMRASELVAN M
37			VISHESH M
38			ARUNAV
39			DEEPIKA M
40			DEENESH K
41			DEEPIKAS R
42			DEEPIKAVAR B
43			ELIANNAN
44			GAJAPRIYAR
45			GANESH D
46	HARSHU		
47	IVAPPAN V		
48	KALAVYARASH R		
49	MAHESHVAR P		
50	MAHESHVARAN D		
51	MOHNSRAJ P		
52	NITHYAN S		
53	PRITHVIA T		
54	PRIVADHARSHINI S		
55	PRITHVISHIVANAN M		
56	RANJANSHIVAR B		
57	SATHISH T		
58	SIVANISHVAR T		
59	SUNDEEP S		
60	VADHIVANAN V		
61			

COMPUTER SCIENCE ENGINEERING(INTERSHIPWORK)

104



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VENKATARAMANA T
VIGNESH I
JAYAMUGHAN M
BALAKRISHNAN V
KRISHNARAJ B
LASARVIDAY B
KARTHIIGA R
SRIDEVI S
SUGANTHI P
ARIRAJ H
ARULJOTHI A
DHILIPKUMAR S
DINESH G
GANAPATHY I
NANDHAKUMAR N
PATCHALAPPAN M
SOWNDARRAJ D
BIHARATHI S
JAYAVEL S
KALAISTALIN MARAN M
MOHAMED IMTHIYAS E
NITHISHKUMAR V
RAGUL R
SABARI S
SURIYA M
VASANTHARAJ R
VISHNU PRIYA B
DERAIGURU R
TAMILARASAN S
VINOTHINI V
SANTHOSH T
GONVATHI P
GERUNATHAN R
ASHOKBARATHI E
KALANTHI J
PRIVADHARSHINI S
SICILMARAN S
ANTHONY MERCY G
ANICTYA G
ARTHIK
ARENTHODEVIM
BHOVANESWARAN S
DHEEYAB
DIVYANI
GOPNATH S
JAYASATHYAR
KALAVARASE
KARTHIKEYANG
KAVIYA V
KIERTHIKAE
KIRUBAKARAN R
MEERAS
SNAGOOTHIR
SWEATHAS
VIDAYALAKSHMI S
ARAVINDAN S
ANJANA DEVI E
BOOBALAN P
DHINISH I
ELAKKIYADHASAN S
JAYABHARATHI G
KAVIYA K
MANISHA D
VIJAYALAKSHMI D
ENJAN P
MOHAN D
RAJAN R
VINAYAGANGORETHI V
SRIDHAR M
ABINASH H
ELANGO S
NINSHATH S
PHILIPKUMAR DASS G
PHILIPKUMAR K



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## 1.3.2 Percentage of students undertaking Project Work/ Field Work/Internships



  
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ACADEMIC YEAR 2018-2019

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

LIST OF STUDENTS UNDERTAKING PROJECT WORK/FIELD  
WORK/INTERNSHIP

S.NO	REGISTER NUMBER	NAME	YEAR	PROJECT WORK	MINI PROJECT WORK	INTERNSHIP	FIELD WORK
1	420315104001	DHIVYA.D	IV	✓			
2	420315104002	JAYARAJ J	IV	✓			
3	420315104003	SARASWATHY.V	IV	✓			
4	420316104001	GAYATHRI D	III				
5	420316104002	LAVANYA R	III				
6	420316104003	MUTHAMIZHSELVAN K	III				
7	420316104004	MUTHULAKSHMI K	III				
8	420316104005	PAVITHRA S	III				
9	420316104006	PREMKUMAR K	III				
10	420316104007	RAVICHANDRAN K	III				
11	420316104008	UMASANKAR G	III				
12	420317104004	GOWSALYA R	II				
13	420317104006	JAYAPRATHA S	II				
14	420317104007	JAYASRI P	II				
15	420317104010	MANIKANDAN P	II				
16	420317104012	NIVETHA R	II				
17	420317104015	PREMKUMAR P	II				
18	420317104016	PRIYANKA R	II				
19	420317104018	RABIYA D	II				
20	420317104019	RAJESHWARI N	II				
21	420317104020	SAKTHIVEL N	II				
22	420317104022	SATHISH D	II				
23	420317104024	SHALANI S	II				
24	420317104027	SUNIL JOSHI V	II				
25	420317104028	VALLARASU K	II				
26	420317104029	VANISHREE N	II				
27	420317104031	YUVARANI M	II				
28	420318104001	ABITHA A	I				
29	420318104002	AMIRTHALAKSHMI V	I				
30	420318104003	ANANDHI S	I				
31	420318104004	BHUVANESHWARI G	I				



  
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## LIST OF STUDENTS UNDERTAKING PROJECT WORK/FIELD WORK/INTERNSHIP

S.NO	REGISTER NUMBER	NAME	YEAR	PROJECT WORK	MINI PROJECT WORK	INTERNSHIP	FIELD WORK
32	420318104005	GIRIPRASATH K	I				
33	420318104007	GUNASEELAN G	I				
34	420318104008	KAVITHENDRAL K	I				
35	420318104009	KAVITHRA K	I				
36	420318104010	MANGALAMBIGAI A	I				
37	420318104011	SANTHI J	I				
38	420318104012	STEPHEN RAJ R	I				
39	420318104013	SUJATHA A	I				
40	420318104014	SWARNALAKSHMI B	I				
41	420318104015	THENNILA	I				
42	420318104016	VARADHARAJA PERUMAL L	I				
43	420318104017	VIJAYA KUMAR P	I				
44	420318104018	YUVARAJ V	I				



  
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## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### PROJECT LIST-2018-2019

S.NO	REG.NO	NAME OF THE STUDENTS	TITLE OF THE PROJECT	NAME OF THE SUPERVISOR
1	420315104001	DHIVYA.D	FOG ASSISTED - IOT ENABLED PATIENT HEALTH MONITORING IN SMART HOMES	Mr. K. MUTHUKUMARAN
	420315104002	JAYARAJ J		
	420315104003	SARASWATHY.V		



  
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ACADEMIC YEAR 2018-2019

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

LIST OF STUDENTS UNDERTAKING PROJECT WORK/FIELD  
WORK/INTERNSHIP

S.NO	REGISTER NUMBER	NAME	YEAR	PROJECT WORK	MINI PROJECT WORK	INTERNSHIP	FIELD WORK
45	420315105001	RANJITH A	IV	✓			
46	420315105002	SARATHY A	IV	✓			
47	420315105003	SATHISHKUMAR S	IV	✓			
48	420315105004	VIJAI B	IV	✓			
49	420316105003	MELKY KING GNANARAJ J	III				
50	420316105005	RADHA KRISHNAN N	III				
51	420316105006	SOUNDHARYA M	III				
52	420316105008	VIJAY R	III				
53	420316105009	VIMALRAJ V	III				
54	420316105303	NANDHINI K	III				
55	420316105304	RAJESH M	III				
56	420316105305	RAMACHANDIRAN A	III				
57	420316105308	VIKNEESH K	III				
58	420316105701	MANIKANDAN R	III				
59	420317105001	AMALA K	II				
60	420317105002	BHARATHIRAJA R	II				
61	420317105003	HARIRAJ R	II				
62	420317105004	JAYASRI D	II				
63	420317105005	JEEVA PRIYA K	II				
64	420317105007	MAHALAKSHMI S	II				
65	420317105008	RAJALAKSHMI T	II				
66	420317105009	RAJESH R	II				
67	420317105010	RAVIKUMAR R	II				
68	420317105011	SANTHOSH J	II				
69	420317105012	SARAVANAN K	II				
70	420317105013	SARAVANAN M	II				
71	420317105014	SIVARAMAN C	II				
72	420317105015	SUDHIR K	II				
73	420317105016	SURESHKUMAR K	II				
74	420317105017	VASANTHKUMAR V	II				
75	420317105018	VIJAYALAKSHMI M	II				
76	420317105019	VINOTHINI S	II				
77	420317105301	GIRIJA B	II				
78	420317105302	VENKATRAMAN P	II				
79	420318105001	DHARANEESHKUMAR R	I				



*[Signature]*  
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80	420318105002	GAYATHRI M	I				
81	420318105003	SIVARAMAN K	I				


## ACADEMIC YEAR 2018-2019

### DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

#### LIST OF STUDENTS UNDERTAKING PROJECT WORK/FIELD WORK/INTERNSHIP

S.N O	REGISTER NUMBER	NAME	YEAR	PROJECT WORK	MINI PROJECT WORK	INTERNSHIP	FIELD WORK
82	420315106002	VIGNESH A	IV	✓			
83	420315106001	CHANDRU S	IV	✓			
84	420316106001	ASWINI V	III				
85	420316106002	KALAIYARASI G	III				
86	420316106003	PAVITHRA K	III				
87	420316106004	SANDHIYA S	III				
88	420316106005	VIGNESH P	III				
89	420317106001	ABISHA N	III				
90	420317106004	DHANALAKSHMI T	III				
91	420317106006	JAMUNA S	III				
92	420317106007	KASTHURI S	III				
93	420317106008	KEERTHANAVATHI R	III				
94	420317106009	KOWSALYA R	III				
95	420317106011	NARMADHA N	III				
96	420317106013	PREMALATHA S	III				
97	420317106014	SUGASHINI N	III				
98	420317106015	SUNITHA K	III				
99	420317106019	VIJAY M	III				
100	420317106301	PARTHIBAN P	III				
101	420318106001	BALAJI S	II				
102	420318106002	HARISHANKAR V	II				
103	420318106003	NARESH KUMAR	II				
104	420318106004	SHAKI P	II				
105	420318106005	SUVASRI S	II				
106	420318106006	VANISRI S	II				



  
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## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

### PROJECT LIST-2018-2019

S.NO	REG.NO	NAME OF THE STUDENTS	TITLE OF THE PROJECT	NAME OF THE SUPERVISOR
1	420315106001	CHANDRU. S	SMART TRACKING SYSTEM FOR BUSES FOR ENSURING CHILD SECURITY USING IOT AND GPS	Mr. P.SARAVANAN
	420315106002	VIGNESH. A		



  
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## ACADEMIC YEAR 2018-2019

### DEPARTMENT OF MECHANICAL ENGINEERING

#### LIST OF STUDENTS UNDERTAKING PROJECT WORK/FIELD WORK/INTERNSHIP

S.NO	REGISTER NUMBER	NAME	YEAR	PROJECT WORK	MINI PROJECT WORK	INTERNSHIP	FIELD WORK
107	420315114001	AJITHKUMAR M	IV	✓			
108	420315114002	BALAJI M	IV	✓			
109	420315114003	BALAMURUGAN P	IV	✓			
110	420315114004	DHASARATHARAJAN R	IV	✓			
111	420315114005	DINESH T	IV	✓			
112	420315114006	GILBERT M	IV	✓			
113	420315114007	GUNA G	IV	✓			
114	420315114008	HARIRAMAN C	IV	✓			
115	420315114009	MANIKANDAN K	IV	✓			
116	420315114010	MURALIDHARAN A	IV	✓			
117	420315114011	NITHIYAVASAN C	IV	✓			
118	420315114012	PRAKASH D	IV	✓			
119	420315114013	PRAVEEN R	IV	✓			
120	420315114014	RAJESH R	IV	✓			
121	420315114015	SANTHOSH R	IV	✓			
122	420315114016	SATHISH R	IV	✓			
123	420315114301	BALACHANDAR G	IV	✓			
124	420315114302	GOKULA KRISHNA K	IV	✓			
125	420315114303	GOKULNATH P	IV	✓			
126	420315114304	GOPINATH D	IV	✓			
127	420315114305	JAYAPRAKASH J	IV	✓			
128	420315114307	MUBEENULLAH G M	IV	✓			
129	420315114308	PARAMAGURU E	IV	✓			
130	420315114309	PATCHAIYAPPAN N	IV	✓			
131	420315114310	PAVALAN B	IV	✓			
132	420315114311	SANJIVARAJ S	IV	✓			
133	420315114312	SATHISH S	IV	✓			
134	420315114313	SIVAKUMAR N	IV	✓			
135	420315114314	SURIYA D	IV	✓			
136	420315114315	THAMIZHMANI M	IV	✓			
137	420315114316	VARATHARASU R	IV	✓			



  
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138	420315114317	VELUMANI K	IV	✓		
139	420315114318	VIJAYAKUMAR V	IV	✓		
140	420315114701	BALAKUMARAN M S	IV	✓		
141	420315114702	PURUSHOTHAMAN.N	IV	✓		
142	420316114003	ANBUMANI S	III		✓	
143	420316114004	ARUNKUMAR E	III		✓	
144	420316114006	BALASUBRAMANI S	III		✓	
145	420316114008	CHANDRU S	III		✓	
146	420316114010	DHINESH R	III		✓	
147	420316114012	JEEVANATHAN E	III		✓	
148	420316114013	KADAMBAN S	III		✓	
149	420316114016	KRISHNARAJ P	III		✓	
150	420316114018	MATHIVATHANAN M	III		✓	
151	420316114020	MUTHUVEL P	III		✓	
152	420316114021	NAGARAJ A	III		✓	
153	420316114023	PRABAKARAN K	III		✓	
154	420316114024	PRASANNA S	III		✓	
155	420316114026	PRAVEENKUMAR K	III		✓	
156	420316114027	PRAVEENKUMAR M	III		✓	
157	420316114029	SEENUVASAN N	III		✓	
158	420316114031	SENTHAMIZHSELVAN S	III		✓	
159	420316114033	SIVAKUMAR M	III		✓	
160	420316114034	SURIYAPRAKASHRAJ M	III		✓	
161	420316114035	SURYA K	III		✓	
162	420316114037	SUSHIL KUMAR G	III		✓	
163	420316114039	THIRUMATHI M	III		✓	
164	420316114040	VIGNESH S	III		✓	
165	420316114041	VIGNESHKUMAR V	III		✓	
166	420316114042	VIGNESHWARAN S	III		✓	
167	420316114045	VINAYAGAMURTHY E	III		✓	
168	420316114301	ANBUMANI T	III		✓	
169	420316114302	BALAJI A	III		✓	
170	420316114303	MANIMARAN .M	III		✓	
171	420316114304	NARASIMMAN M	III		✓	
172	420316114305	PUSHPARAJ	III		✓	
173	420316114306	RAJA DURAI. R	III		✓	
174	420316114307	SELVA S	III		✓	
175	420316114308	VIGNESH R	III		✓	
176	420316114309	VINOTH M	III		✓	
177	420317114001	ABINESH K	II			
178	420317114004	ANBARASAN S	II			



*[Signature]*  
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179	420317114005	ARUNKUMAR E	II			
180	420317114006	ARUNRAJ J	II			
181	420317114007	BAKIYALAKSHMI E	II			
182	420317114008	BALAJI P	II			
183	420317114009	BALASANKAR P	II			
184	420317114011	BRAINLARA L	II			
185	420317114012	CHANDRU S	II			
186	420317114013	DEENADHAYALAN A	II			
187	420317114015	DHANANJEYAN S	II			
188	420317114016	DHINAGARAN P	II			
189	420317114017	DHINESH S	II			
190	420317114018	DINAKARAN M	II			
191	420317114019	DIWAKAR R	II			
192	420317114020	GOBINATH V	II			
193	420317114021	GREEN KUMAR P	II			
194	420317114022	ILAMATHI E	II			
195	420317114023	IYYAPPAN B	II			
196	420317114024	JAYACHANDRAN C	II			
197	420317114025	JAYARAJ G	II			
198	420317114026	KAVIYARASU K	II			
199	420317114027	KRISHNA KUMAR E	II			
200	420317114028	KUMAR S	II			
201	420317114029	LAKSHMI M	II			
202	420317114030	LOGESHWARAN M	II			
203	420317114031	MANIKANDAN K	II			
204	420317114032	MOHANRAJ R	II			
205	420317114038	NATHIYA S	II			
206	420317114033	MOHAN RAJ S	II			
207	420317114034	MOHINDARAMARNATH P	II			
208	420317114035	MUGILARASARAN S	II			
209	420317114036	MURUGAPERUMAL M	II			
210	420317114037	NARESHKUMAR V	II			
211	420317114039	NIVETHAN T	II			
212	420317114040	PALANIVEL N	II			
213	420317114041	PRAKASH D	II			
214	420317114042	PRAVEENKUMAR A	II			
215	420317114043	PREMKUMAR K	II			
216	420317114044	PUSHPARAJA A	II			
217	420317114045	RAGHU D	II			
218	420317114048	RAJESH J	II			
219	420317114050	RUDHRA VINAYAGAM R	II			



  
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220	420317114051	SAMUVEL J	II			
221	420317114052	SANTHOSH G	II			
222	420317114053	SIVAMOORTHY L	II			
223	420317114054	SRIDHAR M	II			
224	420317114055	SRIHARIHARAN A	II			
225	420317114057	SUNIL KUMAR S	II			
226	420317114058	SURESH J	II			
227	420317114059	SURYA S	II			
228	420317114061	TULASIDHARAN P	II			
229	420317114062	VALLARASU A	II			
230	420317114063	VARADARAJAN V	II			
231	420317114064	VIGNESHWARAN R	II			
232	LE	RAJESH J	II			
233	TRANSFER	SRIDHARAN T	II			
234	420318114001	AJITH M	I			
235	420318114002	AJITHKUMAR M	I			
236	420318114003	ARULKUMAR S	I			
237	420318114004	AZHAGURAJA I	I			
238	420318114005	BALACHANDAR P	I			
239	420318114006	DINESHKUMAR M	I			
240	420318114007	DINESHKUMAR V	I			
241	420318114008	ELUMALAI V	I			
242	420318114009	EZHILMULLAIARASU M	I			
243	420318114010	GURUMOORTHY S	I			
244	420318114011	JAYAMOORTHY J	I			
245	420318114012	KARAN V	I			
246	420318114013	MAGESH A	I			
247	420318114014	MANIRAJ R	I			
248	420318114015	NIJANTHAN J	I			
249	420318114016	PRAKASH S	I			
250	420318114017	RAGURAMAN R	I			
251	420318114018	RAJ A	I			
252	420318114019	RAKESH R	I			
253	420318114020	RAMPRASATH D	I			
254	420318114021	RANGARAJAN R	I			
255	420318114022	SRIDHAR M	I			
256	420318114023	TAMILSELVAM S	I			
257	420318114024	UDHAYAKUMAR M	I			
258	420318114025	VIGNESH M	I			
259	420318114026	VIGNESH V	I			
260	420318114027	VIGNESHWARAN M	I			



  
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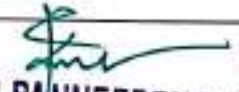
261	420318114028	YUVARAJ P	1			
262	420318114029	YUVARAJ T	1			
263	420317114056	SRIVENDHAN S	1			

## DEPARTMENT OF MECHANICAL ENGINEERING

### PROJECT LIST-2018-2019

S.N O	REG.NO	NAME OF THE STUDENTS	TITLE OF THE PROJECT	NAME OF THE SUPERVISOR
1	420315114012	PRAKASH D	ANALYSIS OF DRILLING THE LAMINATION PROPERTIES OF RICE HUSK REINFORCED POLYESTER COMPOSITES	Mr. K. SAKTHIVEL
	420315114014	RAJESH R		
	420315114314	SURIYA D		
	420315114317	VELUMANI K		
2	420315114001	AJITHKUMAR M	EVALUTION OF MECHANICAL PROPERTIES OF COCUNUT COIR FIBRE REINFORCED EPOXY COMPOSITIES	Mr. R. JAYAKUMAR
	420315114009	MANIKANDAN.K		
	420315114308	PARAMAGURU.E		
	420315114316	PAVALAN.B		
3	420315114006	GILBERT.M	DESIGN AND FABRICATION OF AUTOMATIC HAND BREAKING SYSTEM USING KEY	Mr. S. RAMAMOORTHY
	420315114010	MURALIDHARAN.A		
	420315114309	PATCHAIYAPPAN.N		
	420315114312	SATHISH.S		
4	420315114002	BALAJI.M	MECHNICAL BEHAVIOUR OF GLASS AND CARBON FIBER REINFORCED COMPOSITIES	Mr. K. SIVASUBRAMANIYAN
	420315114013	PRAVEEN.R		
	420315114302	GOKULAKRISHNAN. K		
	420315114313	SIVAKUMAR.N		



  
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S.N O	REG.NO	NAME OF THE STUDENTS	TITLE OF THE PROJECT	NAME OF THE SUPERVISOR
5	420315114003	BALAMURUGAN.P	MECHANICAL BEHAVIOUR OF ALUMINIUM AL 6061 REINFORCED WITH SIC & RICE HUSK BY STIR CASTING	Mr. K. SIVASUBRAMANIYAN
	420315114008	HARIRAMAN.C		
	420315114304	GOPINATH.D		
	420315114701	BALAKUMARAN.M.S		
6	420315114004	DHASARATHARAJAN .R	DESIGN AND FABRICATION OF HYDRAULIC POWER WATER PUMP	Mr. J.SANKAR
	420315114007	GUNA.G		
	420315114301	BALACHANDAR.G		
	420315114315	THAMIZHMANI.M		
7	420315114305	JAYAPRAKASH.J	DESIGN FABRICATION OF FOOTSTEP POWER GENERATION	Mrs.N.MALATHY.
	420315114307	MUBEENULLAH .G. M		
	420315114702	PURUSHOTHAMAN.N		
8	420315114011	NITHIYAVASAN.C	EVALUTION OF MECHANICAL PROPERTIES OF BAMBOO AND JUTE REINFORCED NATURAL COMPOSITES	Mr. R.JAYAKUMAR
	420315114016	SATHISH.R		
	420315114316	VARATHARASU.R		
	420315114311	SANJIVARAJ.S		
9	420315114005	DINESH.T	DESIGN AND FABRICATION OF SUGARCANE PEELING MACHINE	Mr. S. ANATHAKUMAR
	420315114015	SANTHOSH.R		
	420315114303	GOKULNATH.P		
	420315114318	VIJAYA KUMAR.V		



  
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## DEPARTMENT OF MECHANICAL ENGINEERING

### MINI PROJECT LIST-2018-2019

S.N O	REG.NO	NAME OF THE STUDENTS	TITLE OF THE PROJECT	NAME OF THE SUPERVISOR
1	420316114301	ANBUMANI.T	DESIGN AND FABRICATION OF PNEUMATIC PUNCHING AND RIVETING MACHINE	Mr.S.RAMAMOORTHY
	420316114006	BALASUBRAMANIS		
	420316114027	PRAVEENKUMAR.M		
	420316114035	SURIYA.K		
2	420316114012	JEEVANATHAN.E	DESIGN AND FABRICATION OF COLD PRESS FOR VEGETABLE OIL EXTRACTION	Mr.J .SANKAR
	420316114023	PRABAKARAN.K		
	420316114041	VIGNESHKUMAR.V		
	420316114304	NARASIMMAN.M		
3	420316114003	ANBUMANIS	DESIGN AND FABRICATION OF GEARLESS TRANSMISSION	Mr. S.ANATHAKUMAR
	420316114008	CHANDRU.S		
	420316114016	KRISHNARAJ.P		
	420316114302	BALAJI.S		
4	420316114013	KADANBAN.S	DESIGN AND FABRICATION OF POWER GENERATING SHOCK ABSORBER	Mr.J .SANKAR
	420316114024	PRASANNA.S		
	420316114303	MANIMNARAN.M		



  
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S.N O	REG.NO	NAME OF THE STUDENTS	TITLE OF THE PROJECT	NAME OF THE SUPERVISOR
5	420316114021	NAGARJ.A	DESIGN ANDFABRICTION OF 360 DEGREE FLEXIBLE DRILLING MACHINE	Mr.K.SIVASUBRAMANIYAN
	420316114029	SEENUVASN.N		
	420316114045	VINAYAMOORTHY.E		
	420316114305	PUSHPARAJ.S		
6	420316114018	MATHIVATHANAN.M	DESIGN ANDFABRICTION OF SOLAR BASED GRASS CUTTER	Mr. S.ANATHAKUMAR
	420316114020	MUTHUVEL.P		
	420316114034	SURIYAPRAKASHRAJ.M		
	420316114308	VIGNESH.R		
7	420316114004	ARUNKUMAR.E	DESIGN ANDFABRICTION OF SEMI AUTOMATED DOUBLE HACKSAW MACHINE	Mr. S.RAMAMOORTHY
	420316114010	DHINESH.R		
	420316114031	SENTHAMIZH SELVAN.S		
	420316114307	SELVA.S		
8	420316114033	SIVAKUMAR.M	DESIGN ANDFABRICTION OF MULTI NUT TIGHT AND REMOVER	Mrs.N.MALATHY
	420316114039	THIRUMATHI.M		
	420316114040	VIGNESH.S		
	420316114309	VINOTH.M		



  
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9	420316114026	PRAVEENKUMAR.K	DESIGN AND FABRICATION OF SOLAR BASED INSTANT HEATING AND COOLING	Mr. K.SAKTHIVEL
	420316114037	SUSHILKUMAR.G		
	420316114042	VIGNESHWARAN.S		



  
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ACADEMIC YEAR 2018-2019

DEPARTMENT OF CIVIL ENGINEERING

LIST OF STUDENTS UNDERTAKING PROJECT WORK/FIELD  
WORK/INTERNSHIP

S.N O	REGISTER NUMBER	NAME	YEAR	PROJECT WORK	MINI PROJECT WORK	INTERNSHIP	FIELD WORK
264	420315103005	PREM KUMAR.T	IV	✓			
265	420315103002	ANITHA S	IV	✓			
266	420315103003	GAYATHRI.M	IV	✓			
267	420315103001	ANGALEESHWARJE	IV	✓			
268	420315103007	VINODHARAN V	IV	✓			
269	420315103303	KRISHNAKUMAR S	IV	✓			
270	42031510300	SASIKUMAR S	IV	✓			
271	420315103301	AJAY S	IV	✓			
272	420315103	VIJAYARAGAVAN	IV	✓			
273	420315103302	MANIKANDAN R	IV	✓			
274	420315103004	SUGUVANAN E	IV	✓			
275	420316103005	NAVEEN KRISHNA K G	III				
276	420316103006	POOVARASAN A	III				
277	420316103007	RAJIVGANDHI R	III				
278	420316103008	RAMKI R	III				
279	420316103010	SANTHOSH KUMAR P	III				
280	420316103011	SARANYA R	III				
281	420316103013	VEERAMANI KANDAN M	III				
282	420316103014	VIDHYABARATHY R	III				
283	420316103015	VIGNESH R	III				
284	420316103016	VINODHA R	III				
285	420316103301	ILAMPARITHI K	III				
286	420316103302	KALAIYARASAN M	III				
287	420316103303	SAKTHI S	III				
288	420317103001	BALAGI C	II				
289	420317103005	JAYANTHI K	II				
290	420317103006	MOHANA RAJAN M	II				
291	420317103008	PRAVEEN KRISHNA D	II				
292	420317103010	SASIKUMAR K	II				
293	420317103012	SIVARANJANI R	II				



*[Signature]*  
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294	420317103013	SRIRANJANI R	II				
295	420317103014	VASANTHA KUMARI N	II				
296	420317103015	VIJAYA KUMAR S	II				
297	420317103301	SAKTHIVEL A	II				
298	420317103302	VIGNESH K	II				



  
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## DEPARTMENT OF CIVIL ENGINEERING

### PROJECT LIST-2018-2019

S.N O	REG.NO	NAME OF THE STUDENTS	TITLE OF THE PROJECT	NAME OF THE SUPERVISOR
1	420315103004	SUGAVANAN.E	AN EXPERIMENTAL STUDY ON HIGH PERFORMANCE CONCRETE USING SILICA FUME	Miss.D.THULABAMANI
	420315103303	KRISHNAKUMAR.E		
2	420315103007	VINODHARAN.V	AN EXPERIMENTAL STUDY ON DEMOLISHED CONCRETE WASE IN PARTIAL REPLACEMENT OF COARSE AGGREGATE IN CONCRETE	Mr.K.ELAYARAJA
	420315103301	AJAY.S		
3	420315103005	PREMKUMAR.T	COMPARATIVE ANALYSIS ON MODERN ECO BRICK AND CONVENTIONAL CALY BRICK	Mr.R.ARIVUDAINAMB
	420315103302	MANIKANDAN.R		
4	420315103001	ANGALEESHWARIE	EFFECT OF DUMPSITE LEACHATE ON GROUND WATER QUALITY AND SOIL PROPERTY	Ms.K.PAVITHRA
	420315103002	ANITHA.S		
	420315103003	GAYATHRI.M		



  
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## 1.3.2 Percentage of students undertaking Project Work/ Field Work/Internships



  
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ACADEMIC YEAR 2019-2020

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

LIST OF STUDENTS UNDERTAKING PROJECT WORK/FIELD  
WORK/INTERNSHIP

S.NO	REGISTER NUMBER	NAME	YEAR	PROJECT WORK	MINI PROJECT WORK	INTERNSHIP	FIELD WORK
1	420316104001	GAYATHRI. D	IV	✓			
2	420316104002	LAVANYA. R	IV	✓			
3	420316104003	MUTHAMIZHSELVAN .K	IV	✓			
4	420316104004	MUTHULAKSHMI .K	IV	✓			
5	420316104005	PAVITHRA. S	IV	✓			
6	420316104006	PREMKUMAR. K	IV	✓			
7	420316104007	RAVICHANDRAN. K	IV	✓			
8	420316104008	UMASANKAR. G	IV	✓			
9	420317104004	GOWSALYA. R	III				
10	420317104006	JAYAPRATHA. S	III				
11	420317104007	JAYASRI. P	III				
12	420317104010	MANIKANDAN. P	III				
13	420317104012	NIVETHA. R	III				
14	420317104015	PREMKUMAR. P	III				
15	420317104016	PRIYANKA. R	III				
16	420317104018	RABIYA. D	III				
17	420317104019	RAJESHWARI. N	III				
18	420317104020	SAKTHIVEL. N	III				
19	420317104022	SATHISH. D	III				
20	420317104024	SHALANI. S	III				
21	420317104027	SUNIL JOSHI. V	III				
22	420317104028	VALLARASU. K	III				
23	420317104029	VANISHREE. N	III				
24	420317104031	YUVARANI .M	III				
25	420318104001	ABITHA. A	II				
26	420318104002	AMIRTHALAKSHMI .V	II				
27	420318104003	ANANDHI. S	II				
28	420318104004	BHUVANESHWARI .G	II				
29	420318104005	GIRIPRASATH. K	II				
30	420318104007	GUNASEELAN. G	II				
31	420318104008	KAVITHENDRAL .K	II				



*[Signature]*  
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## LIST OF STUDENTS UNDERTAKING PROJECT WORK/FIELD WORK/INTERNSHIP

SNO	REGISTER NUMBER	NAME	YEAR	PROJECT WORK	MINI PROJECT WORK	INTERNSHIP	FIELD WORK
32	420318104009	KAVITHRA. K	II				
33	420318104010	MANGALAMBIGAL. A	II				
34	420318104011	SANTHI. J	II				
35	420318104012	STEPHEN RAJ. R	II				
36	420318104013	SUJATHA. A	II				
37	420318104014	SWARNALAKSHMI. B	II				
38	420318104016	VARADHARAJA PERUMAL. L	II				
39	420318104018	YUVARAJ. V	II				
40	420319104001	GOPINATH. K	I				
41	420319104002	CHANDRU. M	I				
42	420319104003	REVATHY. E	I				



  
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Vadakuchipalayam, Kappiyampuliyur post, Villupuram-605601, Tamilnadu.

**ACADEMIC YEAR 2019-2020**

**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

**LIST OF STUDENTS UNDERTAKING PROJECT WORK/FIELD  
WORK/INTERNSHIP**

S.NO	REGISTER NUMBER	NAME	YEAR	PROJECT WORK	MINI PROJECT WORK	INTERNSHIP	FIELD WORK
43	420316105003	MELKY KING GNANARAJ. J	IV	✓			
44	420316105005	RADHA KRISHNAN .N	IV	✓			
45	420316105006	SOUNDHARYA. M	IV	✓			
46	420316105008	VIJAY. R	IV	✓			
47	420316105009	VIMALRAJ. V	IV	✓			
48	420316105303	NANDHINI. K	IV	✓			
49	420316105304	RAJESH. M	IV	✓			
50	420316105305	RAMACHANDIRAN. A	IV	✓			
51	420316105308	VIKNESH. K	IV	✓			
52	420316105701	MANIKANDAN. R	IV	✓			
53	420317105001	AMALA. K	III				
54	420317105002	BHARATHIRAJA. R	III				
55	420317105003	HARIRAJ R	III				
56	420317105004	JAYASRI. D	III				
57	420317105005	JEEVA PRIYA. K	III				
58	420317105007	MAHALAKSHMI. S	III				
59	420317105008	RAJALAKSHMI. T	III				
60	420317105009	RAJESH. R	III				
61	420317105010	RAVIKUMAR. R	III				
62	420317105011	SANTHOSH. J	III				
63	420317105012	SARAVANAN. K	III				
64	420317105013	SARAVANAN. M	III				
65	420317105014	SIVARAMAN. C	III				
66	420317105015	SUDHIR. K	III				
67	420317105016	SURESHKUMAR. K	III				
68	420317105017	VASANTHKUMAR. V	III				
69	420317105018	VIJAYALAKSHMI. M	III				
70	420317105019	VINOTHINI. S	III				
71	420317105301	GIRIJA. B	III				
72	420317105302	VENKATRAMAN. P	III				
73	420318105001	DHARANEESHKUMAR. R	II				
74	420318105002	GAYATHRI. M	II				



*[Signature]*  
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ACADEMIC YEAR 2019-2020

DEPARTMENT OF ELECTRONICS AND COMMUNICATION  
ENGINEERING

LIST OF STUDENTS UNDERTAKING PROJECT WORK/FIELD  
WORK/INTERNSHIP

S.N O	REGISTER NUMBER	NAME	YEAR	PROJECT WORK	MINI PROJECT WORK	INTERNSHIP	FIELD WORK
75	420316106001	ASWINI .V	IV	✓			
76	420316106002	KALAIYARASI. G	IV	✓			
77	420316106003	PAVITHRA. K	IV	✓			
78	420316106004	SANDHIYA. S	IV	✓			
79	420316106005	VIGNESH. P	IV	✓			
80	420317106001	ABISHA N	III				
81	420317106004	DHANALAKSHMI .T	III				
82	420317106006	JAMUNA. S	III				
83	420317106007	KASTHURI. S	III				
84	420317106008	KEERTHANAVATHI. R	III				
85	420317106009	KOWSALYA. R	III				
86	420317106011	NARMADHA. N	III				
87	420317106013	PREMALATHA. S	III				
88	420317106014	SUGASHINI. N	III				
89	420317106015	SUNITHA. K	III				
90	420317106019	VIJAY. M	III				
91	420317106301	PARTHIBAN. P	III				
92	420318106001	BALAJI. S	II				
93	420318106002	HARISHANKAR. V	II				
94	420318106004	SHAKI. P	II				
95	420318106005	SUVASRI. S	II				
96	420318106006	VANISRI. S	II				
97	420319106001	TAMILARASAN. S	I				
98	420319106002	VNOTHINI. V	I				



  
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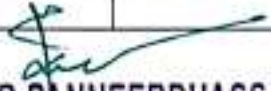
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## DEPARTMENT OF MECHANICAL ENGINEERING

### LIST OF STUDENTS UNDERTAKING PROJECT WORK/FIELD WORK/INTERNSHIP

S.NO	REGISTER NUMBER	NAME	YEAR	PROJECT WORK	MINI PROJECT WORK	INTERNSHIP	FIELD WORK
99	420316114003	ANBUMANI .S	IV	✓			
100	420316114004	ARUNKUMAR. E	IV	✓			
101	420316114006	BALASUBRAMANI. S	IV	✓			
102	420316114008	CHANDRU. S	IV	✓			
103	420316114010	DHINESH. R	IV	✓			
104	420316114012	JEEVANATHAN. E	IV	✓			
105	420316114013	KADAMBAN. S	IV	✓			
106	420316114016	KRISHNARAJ. P	IV	✓			
107	420316114020	MUTHUVEL. P	IV	✓			
108	420316114021	NAGARAJ. A	IV	✓			
109	420316114023	PRABAKARAN. K	IV	✓			
110	420316114024	PRASANNA. S	IV	✓			
111	420316114026	PRAVEENKUMAR. K	IV	✓			
112	420316114027	PRAVEENKUMAR. M	IV	✓			
113	420316114029	SEENUVASAN. N	IV	✓			
114	420316114031	SENTHAMIZHSELVAN. S	IV	✓			
115	420316114033	SIVAKUMAR. M	IV	✓			
116	420316114034	SURIYAPRAKASHRAJ .M	IV	✓			
117	420316114035	SURYA. K	IV	✓			
118	420316114037	SUSHIL KUMAR. G	IV	✓			
119	420316114039	THIRUMATHI . M	IV	✓			
120	420316114040	VIGNESH. S	IV	✓			
121	420316114041	VIGNESHKUMAR. V	IV	✓			
122	420316114042	VIGNESHWARAN. S	IV	✓			
123	420316114045	VINAYAGAMURTHY .E	IV	✓			
124	420316114301	ANBUMANI.T	IV	✓			
125	420316114302	BALAJI. A	IV	✓			
126	420316114303	MANIMARAN .M	IV	✓			
127	420316114304	NARASIMMAN .M	IV	✓			
128	420316114305	PUSHPARAJ	IV	✓			
129	420316114307	SELVA .S	IV	✓			
130	420316114308	VIGNESH .R	IV	✓			



  
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131	420316114309	VINOTH .M	IV	✓		
132	420317114001	ABINESH. K	III		✓	
133	420317114004	ANBARASAN .S	III		✓	
134	420317114005	ARUNKUMAR. E	III		✓	
135	420317114007	BAKIYALAKSHMI .E	III		✓	
136	420317114009	BALASANKAR. P	III		✓	
137	420317114011	BRAINLARA. L	III		✓	
138	420317114012	CHANDRU. S	III		✓	
139	420317114013	DEENADHAYALAN. A	III		✓	
140	420317114015	DHANANJEYAN. S	III		✓	
141	420317114016	DHINAGARAN. P	III		✓	
142	420317114017	DHINESH .S	III		✓	
143	420317114018	DINAKARAN. M	III		✓	
144	420317114019	DIWAKAR. R	III		✓	
145	420317114020	GOBINATH. V	III		✓	
146	420317114021	GREEN KUMAR. P	III		✓	
147	420317114022	ILAMATHI. E	III		✓	
148	420317114023	IYYAPPAN. B	III		✓	
149	420317114024	JAYACHANDRAN. C	III		✓	
150	420317114025	JAYARAJ. G	III		✓	
151	420317114026	KAVIYARASU. K	III		✓	
152	420317114027	KRISHNA KUMAR. E	III		✓	
153	420317114028	KUMAR. S	III		✓	
154	420317114030	LOGESHWARAN. M	III		✓	
155	420317114031	MANIKANDAN .K	III		✓	
156	420317114032	MOHANRAJ. R	III		✓	
157	420317114038	NATHIYA. S	III		✓	
158	420317114033	MOHAN RAJ. S	III		✓	
159	420317114034	MOHINDARAMARNATH P	III		✓	
160	420317114035	MUGILARASARAN .S	III		✓	
161	420317114036	MURUGAPERUMAL. M	III		✓	
162	420317114037	NARESHKUMAR. V	III		✓	
163	420317114040	PALANIVEL .N	III		✓	
164	420317114041	PRAKASH .D	III		✓	
165	420317114042	PRAVEENKUMAR. A	III		✓	
166	420317114043	PREMKUMAR. K	III		✓	
167	420317114044	PUSHPARAJA. A	III		✓	
168	420317114045	RAGHU. D	III		✓	
169	420317114048	RAJESH. J	III		✓	



  
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170	420317114050	RUDHRA VINAYAGAM. R	III		✓	
171	420317114051	SAMUVEL. J	III		✓	
172	420317114052	SANTHOSH. G	III		✓	
173	420317114053	SIVAMOORTHY. L	III		✓	
174	420317114054	SRIDHAR. V	III		✓	
178	420317114055	SRIHARIHARAN. A	III		✓	
179	420317114057	SUNIL KUMAR. S	III		✓	
180	420317114058	SURESH. J	III		✓	
181	420317114059	SURYA .S	III		✓	
182	420317114061	TULASIDHARAN. P	III		✓	
183	420317114062	VALLARASU. A	III		✓	
184	420317114063	VARADARAJAN. V	III		✓	
185	420317114064	VIGNESHWARAN. R	III		✓	
186	420318114001	AJITH M	II			
187	420318114002	AJITHKUMAR M	II			
188	420318114003	ARULKUMAR S	II			
189	420318114004	AZHAGURAJA I	II			
190	420318114005	BALACHANDAR P	II			
191	420318114006	DINESHKUMAR M	II			
192	420318114007	DINESHKUMAR V	II			
193	420318114008	ELUMALAI V	II			
194	420318114009	EZHILMULLAIARASU M	II			
195	420318114010	GURUMOORTHY S	II			
195	420318114011	JAYAMOORTHY J	II			
196	420318114012	KARAN V	II			
197	420318114013	MAGESH A	II			
198	420318114014	MANIRAJ R	II			
199	420318114015	NIJANTHAN J	II			
200	420318114016	PRAKASH S	II			
201	420318114017	RAGURAMAN R	II			
202	420318114018	RAJ A	II			
203	420318114019	RAKESH R	II			
204	420318114020	RAMPRASATH D	II			
205	420318114021	RANGARAJAN R	II			
206	420318114022	SRIDHAR M	II			
207	420318114023	TAMILSELVAM S	II			
208	420318114024	UDHAYAKUMAR M	II			
209	420318114025	VIGNESH M	II			
210	420318114026	VIGNESH V	II			



  
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211	420318114027	VIGNESHWARAN M	II				
212	420318114028	YUVARAJ P	II				
213	420318114029	YUVARAJ T	II				
214	420317114056	SRIVENDHAN S	II				
215	420319114001	MOHAN D	I				
216	420319114002	ENIYAN P	I				
217	420319114501	SRIDHAR M	I				



  
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**A.R.ENGINEERING COLLEGE, VILLUPURAM**  
DEPARTMENT OF MECHANICAL ENGINEERING  
MAIN PROJECT BATCH & GUIDE DETAILS  
YEARSEM: IV / VIII

S.No	BATCH NO	REG.NO.	NAME	PROJECT GUIDE	PROJECT TITLE
1	1	420316114008	chandru s	S.RAMAMOORTHY	EXPERIMENTAL INVESTIGATION AND ANALYSIS OF COMPOSITE MATERIAL MADE BY STAINLESS STEEL AND NYLON
2		420316114034	Seriyaprakasraj M		
3		420316114026	Praveenkumar K.		
4		420316114027	Praveenkumar M		
5	2	420316114039	Thirumathi M	K.SAKTHIVEL	DESIGN AND FABRICATION OF PELTON WHEEL TURBINE FOR POWER GENERATION
6		420316114307	Selva S		
7		420316114308	Vigresh R		
8	3	420316114003	Anbhamani S	D.MANIKANDAN	MECHANICAL PROPERTIES ANALYSIS OF COFFEE BEAN FILLER POWDER REINFORCED POLYMER COMPOSITE
9		420316114016	Krishnaraj P		
10		420316114301	Anbhamani T		
11		420316114302	Belaji A		
12	4	420316114004	Arunkumar E	S.SENTHIL KUMARAN	DESIGN AND FABRICATION OF FOOT STEP POWER GENERATION
13		420316114010	Dhinesh R		
14		420316114020	Muthuvel P		
15		420316114029	Seenivasan N		
16	5	420316114006	Balansubramani S	S.RAMAMOORTHY	INVESTIGATION OF MECHANICAL PROPERTIES OF BAMBOO AND JUTE REINFORCED NATURAL COMPOSITE
17		420316114012	Seevanathan E		
18		420316114021	Nagaraj A		
19		420316114031	Senthanizholsvan S		
20	6	420316114024	Prasanna S	K.SAKTHIVEL	EVALUATION OF MECHANICAL PROPERTIES OF COCONUT COIR FIBRE REINFORCED EPOXY COMPOSITE
21		420316114040	Vignesh S		
22		420316114042	Vigneshwaran S		
23		420316114042	Narasimman V		
24	7	420316114011	Sivakumar M	S.KARTHIK	DESIGN AND FABRICATION OF AUTOMATED MULTILEVEL CAR PARKING SYSTEM
25		420316114007	Surya K		
26		420316114045	Vinayaganarthy E		
27		420316114303	Manimaran M		
28	8	420316114305	Pushparaj	D.MANIKANDAN	DESIGN AND FABRICATION OF AUTOMATED MULTILEVEL CAR PARKING SYSTEM
29		420316114041	Vigneshkumar V		



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A.R.ENGINEERING COLLEGE, VILLUPURAM					
DEPARTMENT OF MECHANICAL ENGINEERING					
MINI PROJECT BATCH & GUIDE DETAILS					
YEAR/SEM: III / VI					
BATCH NO	SN	REG.NO.	NAME	PROJECT GUIDE	PROJECT TITLE
1	1	420317114044	PUSHPARAJA A	S.KARTHIK	DESIGN AND FABRICATION OF VERTICAL AXIS WIND TURBINE USING TETRAHEDRAN WINGS
	2	420317114045	RAGHU D		
	3	420317114048	RAJESH J		
	4	420317114050	RUDHIRA VINAYAGAN R.		
2	5	420317114035	ARUNKUMAR E	S.RAMANAMOORTHY	FABRICATION OF AUTOMATC GUTTER CLEANER
	6	420317114039	DIWAKAR R		
	7	420317114024	JAYACHANDRAN C		
	8	420317114028	KUMAR S		
3	9	420317114034	MOHINDARAMARNATH P	S.KARTHIK	DESIGN AND FABRICATION OF INBUILT HYDRAULIC JACK IN AUTOMOBILE
	10	420317114035	MUGILARASARAN S		
	11	420317114036	MURUGAPERUMAL M		
	12	420317114040	PALANIVEL N		
4	13	420317114063	DEENADHAYALAN A	K.SAKTHIVEL	DESIGN AND FABRICATION OF LINE FOLLOWER ROBOT
	14	420317114062	VALLARASU A		
	15	420317114063	VARADARAJAN V		
	16	420317114064	VIGNESHWARAN R		
5	17	420317114001	ABINESH K	S.SENTHIL KUMARAN	EXPERIMENTAL INVESTIGATION AND FABRICATION OF PNEUMATIC PUNCH
	18	420317114009	BALASANKAR P		
	19	420317114025	JAYARAJ G		
	20	420317114031	MANKANDAN K		
6	21	420317114004	ANBARASAN S	K.SAKTHIVEL	DESIGN OF A HYBRID ELECTRIC VEHICLE
	22	420317114011	BRAINLARA L		
	23	420317114012	CHANDRU S		
	24	420317114023	DIYAPPAN B		
7	25	420317114018	DEVAKARAN M	S.SENTHIL KUMARAN	DESIGN AND FABRICATION OF STAIR CLIMBING VEHICLE
	26	420317114051	SAMELVEL J		
	27	420317114057	SUNIL KUMAR S		
	28	420317114058	SURESH J		
8	29	420317114027	KRISHNA KUMAR E	S.KARTHIK	DESIGN AND FABRICATION OF ADJUSTIBLE UNIFIED WHEEL OPENER
	30	420317114033	MOHAN RAJ S		
	31	420317114042	PRAVEENKUMAR A		
	32	420317114043	PREMKUMAR K		
9	33	420317114015	DHANANJAYAN S	S.RAMANAMOORTHY	DESIGN AND FABRICATION OF MULTI OPERATIONAL WOOD WORKING MACHINE
	34	420317114032	MOHANRAJ R		
	35	420317114041	PRAKASH D		
10	36	420317114036	DHINAGARAN P	B.MANIKANDAN	DESIGN AND IMPLEMENTATION OF ELECTRIC ASSISTED BICYCLE WITH SELF RECHARGING MECHANISM
	37	420317114052	SANTHOSH G		
	38	420317114054	SRIDHAR V		
11	39	420317114059	SRUYA S	B.MANIKANDAN	DESIGN AND FABRICATION OF AUTOMATED HAIR CUTTING MACHINE
	40	420317114059	GREEN KUMAR P		
	41	420317114055	SRIDHARARAN A		
	42	420317114061	JLASEDHARAN P		
12	43	420317114051	SRIDHAR T	K.SAKTHIVEL	DESIGN AND FABRICATION OF PNEUMATIC AUTO SHED METAL CUTTING MACHINE USING MICROCONTROLLER
	44	420317114057	DINESH S		
	45	420317114026	KAVIYARANI K		
	46	420317114053	SIVAMOORTHY L		



*[Signature]*  
**V. R. RAMANBERDHASS, M.E., Ph.D.**  
 PRINCIPAL  
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 DESIGN AND FABRICATION OF PNEUMATIC  
 AUTO SHED METAL CUTTING MACHINE  
 USING MICROCONTROLLER  
 VILLUPURAM-605 601.





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ACADEMIC YEAR 2019-2020

DEPARTMENT OF CIVIL ENGINEERING

LIST OF STUDENTS UNDERTAKING PROJECT WORK/FIELD  
WORK/INTERNSHIP

S.N O	REGISTER NUMBER	NAME	YEAR	PROJECT WORK	MINI PROJECT WORK	INTERNSHIP	FIELD WORK
212	420316103005	NAVEEN KRISHNA K G	IV	✓			
213	420316103006	POOVARASAN A	IV	✓			
214	420316103007	RAJIVGANDHI R	IV	✓			
215	420316103008	RAMKI R	IV	✓			
216	420316103010	SANTHOSH KUMAR P	IV	✓			
217	420316103011	SARANYA R	IV	✓			
218	420316103013	VEERAMANI KANDAN M	IV	✓			
219	420316103014	VIDHYABARATHY R	IV	✓			
220	420316103015	VIGNESH R	IV	✓			
221	420316103016	VINODHA R	IV	✓			
222	420316103301	ILAMPARITHI K	IV	✓			
223	420316103302	KALAIYARASAN M	IV	✓			
224	420316103303	SAKTHI S	IV	✓			
225	420317103001	BALAGI C	III				
226	420317103005	AYANTHI K	III				
227	420317103006	MOHANA RAJAN M	III				
228	420317103008	PRAVEEN KRISHNA D	III				
230	420317103010	SASIKUMAR K	III				
231	420317103012	SIVARANJANI R	III				
232	420317103013	SRIRANJANI R	III				
234	420317103014	VASANTHA KUMARI N	III				
235	420317103015	VIJAYA KUMAR S	III				
236	420317103301	SAKTHIVEL A	III				
237	420317103302	VIGNESH K	III				



  
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## 1.3.2 Percentage of students undertaking Project Work/ Field Work/Internships



  
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ACADEMIC YEAR 2020-2021

## DEPARTMENT OF CIVIL ENGINEERING

### LIST OF STUDENTS UNDERTAKING PROJECT WORK/FIELD WORK/INTERNSHIP

S.NO	REGISTER NUMBER	NAME	YEAR	PROJECT WORK	MINI PROJECT WORK	INTERNSHIP	FIELD WORK
1	420317103001	BALAGI .C	IV	✓			
2	420317103005	JAYANTHI. K	IV	✓			
3	420317103006	MOHANA RAJAN .M	IV	✓			
4	420317103008	PRAVEEN KRISHNA. D	IV	✓			
5	420317103010	SASIKUMAR .K	IV	✓			
6	420317103012	SIVARANJANI. R	IV	✓			
7	420317103013	SRIRANJANI .R	IV	✓			
8	420317103014	VASANTHA KUMARI. N	IV	✓			
9	420317103015	VIJAYA KUMAR. S	IV	✓			
10	420317103301	SAKTHIVEL. A	IV	✓			
11	420317103302	VIGNESH .K	IV	✓			
12	420317103501	RAMYA. A	IV	✓			
13	420320103001	CHANDRU.S	I				
14	420320103002	RAGUL.R	I				



  
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## ACADEMIC YEAR 2020-2021

### DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

#### LIST OF STUDENTS UNDERTAKING PROJECT WORK/FIELD WORK/INTERNSHIP

S.NO	REGISTER NUMBER	NAME	YEAR	PROJECT WORK	MINI PROJECT WORK	INTERNSHIP	FIELD WORK
15	420317104004	GOWSALYA .R	IV	✓			
16	420317104007	JAYASRI .P	IV	✓			
17	420317104010	MANIKANDAN .P	IV	✓			
18	420317104012	NIVEDHA .R	IV	✓			
19	420317104015	PREMKUMAR .P	IV	✓			
20	420317104016	PRIYANKA .R	IV	✓			
21	420317104018	RABIYA .D	IV	✓			
22	420317104019	RAJESHWARI .N	IV	✓			
23	420317104020	SAKTHIVEL .N	IV	✓			
24	420317104022	SATHISH .A	IV	✓			
25	420317104024	SHALANI .S	IV	✓			
26	420317104027	SUNILJOSHI .V	IV	✓			
27	420317104028	VALLARASU .K	IV	✓			
28	420317104029	VANISHREE .N	IV	✓			
29	420317104031	YUVARANI .M	IV	✓			
30	420318104001	ABITHA A	III				
31	420318104002	AMIRTHALAKSHMI V	III				
32	420318104003	ANANDHI S	III				
33	420318104004	BHUVANESHWARI G	III				
34	420318104005	GIRIPRASATH K	III				
35	420318104007	GUNASEELAN G	III				
36	420318104008	KAVITHENDRAL K	III				
37	420318104009	KAVITHRA K	III				
38	420318104010	MANGALAMBIGAI A	III				
39	420318104011	SANTHI J	III				
40	420318104012	STEPHEN RAJ R	III				
41	420318104013	SUJATHA A	III				
42	420318104014	SWARNALAKSHMI B	III				
43	420318104016	VARADHARAJA PERUMAL L	III				
44	420318104018	YUVARAJ V	III				
45	420319104001	CHANDRU M	II				
46	420319104002	GOPINATH K	II				
47	420319104003	REVATHY E	II				



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48	420319104501	JAYASRI V	II				
49	420320104015	SONIYA.D	I				
50	420320104018	SURENDAR. G	I				
51	420320104019	BHUVANESHWARIA	I				
52	420320104021	DEEPIKA S	I				
53	420320104022	DESIYA.E	I				
54	420320104023	DEVI R	I				
55	420320104024	JANANI.R	I				
56	420320104025	KIRUTHIKA N	I				
57	420320104026	MAYILI A	I				
58	420320104027	NARMATHA.S	I				
59	420320104029	NAVEEN.R	I				
60	420320104030	PRAKASH.M	I				
61	420320104031	SELVI R	I				
62	420320104032	STEEPEN JERO	I				
63	420320104033	SUGUMAR.S	I				



  
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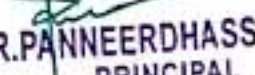
ACADEMIC YEAR 2020-2021

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

LIST OF STUDENTS UNDERTAKING PROJECT WORK/FIELD WORK/INTERNSHIP

S.NO	REGISTER NUMBER	NAME	YEAR	PROJECT WORK	MINI PROJECT WORK	INTERNSHIP	FIELD WORK
64	420317105001	AMALA K	IV	✓			
65	420317105002	BHARATHIRAJA R	IV	✓			
66	420317105003	HARIRAJ R	IV	✓			
67	420317105004	JAYASRI D	IV	✓			
68	420317105005	JEEVA PRIYA K	IV	✓			
69	420317105007	MAHALAKSHMI S	IV	✓			
70	420317105008	RAJALAKSHMI T	IV	✓			
71	420317105009	RAJESH R	IV	✓			
72	420317105010	RAVIKUMAR R	IV	✓			
73	420317105011	SANTHOSH J	IV	✓			
74	420317105012	SARAVANAN K	IV	✓			
75	420317105013	SARAVANAN M	IV	✓			
76	420317105014	SIVARAMAN C	IV	✓			
77	420317105015	SUDHIR K	IV	✓			
78	420317105016	SURESHKUMAR K	IV	✓			
79	420317105017	VASANTHKUMAR V	IV	✓			
80	420317105018	VJAYALAKSHMI M	IV	✓			
81	420318105001	DHARANEESHKUMAR.R	III				
82	420318105002	GAYATHRI M	III				
83	420319105301	BALAKRISHNAN V	II				
84	420319105302	KRISHNARAJ R	II				
85	420319105303	LASARVIJAY B	II				
86	420321105006	SRIDEVI S	I				
87	420321105007	KARTHIGA R	I				
88	420321105008	SUGANTHI P	I				
89	420321105009	RANJANI S	I				
90	420321105010	ELAVARASAN A	I				
91	420321105011	MURALIDAS M	I				
92	420321105012	SUGANRAJ S	I				
93	420321105006	BHUVANESWARI .K	I				



  
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ACADEMIC YEAR 2020-2021

DEPARTMENT ELECTRONICS AND COMMUNICATION  
ENGINEERING

LIST OF STUDENTS UNDERTAKING PROJECT WORK/FIELD WORK/INTERNSHIP

S.NO	REGISTER NUMBER	NAME	YEAR	PROJECT WORK	MINI PROJECT WORK	INTERNSHIP	FIELD WORK
94	420317106001	ABISHA N	IV	✓			
95	420317106004	DHANALAKSHMI T	IV	✓			
96	420317106006	JAMUNA S	IV	✓			
97	420317106007	KASTHURI S	IV	✓			
98	420317106008	KEERTHANAVATHI R	IV	✓			
99	420317106009	KOWSALYA R	IV	✓			
100	420317106011	NARMADHA N	IV	✓			
101	420317106013	PREMALATHA S	IV	✓			
102	420317106014	SUGASHINI N	IV	✓			
103	420317106015	SUNITHA K	IV	✓			
104	420317106019	VIJAY M	IV	✓			
105	420317106301	PARTHIBAN P	IV	✓			
106	420318106001	BALAJI S	III				
107	420318106002	HARISHANKAR V	III				
108	420318106004	SHAKI P	III				
109	420318106005	SUVASRI S	III				
110	420318106006	VANISRI S	III				
111	420319106001	TAMILARASAN S	II				
112	420319106002	VINOTHINI V	II				
113	420319106301	SANTHOSH T	II				
114	420320106001	GOMATHI P	I				
115	420320106002	GURUNATHAN R	I				
116	420320106003	SHARMILA A	I				
117	420320106004	ISWARYA M	I				
118	420320106005	SNEKHA T	I				



  
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ACADEMIC YEAR 2020-2021

## DEPARTMENT OF MECHANICAL ENGINEERING

### LIST OF STUDENTS UNDERTAKING PROJECT WORK/FIELD WORK/INTERNSHIP

S.NO	REGISTER NUMBER	NAME	YEAR	PROJECT WORK	MINI PROJECT WORK	INTERNSHIP	FIELD WORK
119	420317114001	ABINESH K	IV	✓			
120	420317114004	ANBARASAN S	IV	✓			
121	420317114005	ARUNKUMAR E	IV	✓			
122	420317114007	BAKKIYALAKSHMI E	IV	✓			
123	420317114009	BALASANKAR P	IV	✓			
124	420317114011	BRAIN LARA L	IV	✓			
125	420317114012	CHANDRU S	IV	✓			
126	420317114013	DEENADHAYALAN A	IV	✓			
127	420317114015	DHANANJEYAN S	IV	✓			
128	420317114016	DHINAGARAN P	IV	✓			
129	420317114017	DHINESH S	IV	✓			
130	420317114018	DINAKARAN M	IV	✓			
131	420317114019	DIWAKAR R	IV	✓			
132	420317114020	GOBINATH V	IV	✓			
133	420317114021	GREEN KUMAR P	IV	✓			
134	420317114022	ILAMATHI E	IV	✓			
135	420317114023	IYYAPPAN B	IV	✓			
136	420317114024	JAYACHANDRAN C	IV	✓			
137	420317114025	JAYARAJ G	IV	✓			
138	420317114026	KAVIYARASU K	IV	✓			
139	420317114027	KRISHNA KUMAR E	IV	✓			
140	420317114028	KUMAR S	IV	✓			
141	420317114030	LOGESHWARAN M	IV	✓			
142	420317114031	MANIKANDAN K	IV	✓			
143	420317114032	MOHANRAJ R	IV	✓			
144	420317114033	MOHANRAJ S	IV	✓			
145	420317114034	MOHINDAR AMARNATH P	IV	✓			
146	420317114035	MUGILARASAN S	IV	✓			
147	420317114036	MURUGAPERUMAL M	IV	✓			
148	420317114038	NATHIYA S	IV	✓			
149	423017114040	PALANIVEL	IV	✓			
150	420317114041	PRAKASH D	IV	✓			
151	420317114042	PRAVEEN KUMAR A	IV	✓			
152	420317114043	PREMKUMAR K	IV	✓			



  
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153	420317114044	PUSHPARAJA A	IV	✓			
154	420317114045	RAGHU D	IV	✓			
155	420317114048	RAJESH J	IV	✓			
156	420317114050	RUDHRA VINAYAGAM R	IV	✓			
157	420317114051	SAMUVEL J	IV	✓			
158	420317114052	SANTHOSH G	IV	✓			
159	420317114053	SIVAMOORTHY L	IV	✓			
160	420317114054	SRIDHAR V	IV	✓			
161	420317114055	SRIHARIHARAN A	IV	✓			
162	420317114057	SUNIL KUMAR S	IV	✓			
163	420317114058	SURESH J	IV	✓			
164	420317114059	SURIYA S	IV	✓			
165	420317114061	THULASITHARAN P	IV	✓			
166	420317114062	VALLARASU A	IV	✓			
167	420317114063	VARADHARAJAN V	IV	✓			
168	420317114064	VIGNESHWARAN R	IV	✓			
169	420317114701	SRITHARAN T	IV	✓			
170	420318114001	AJITH M	III		✓		
171	420318114002	AJITHKUMAR M	III		✓		
172	420318114003	ARULKUMAR S	III		✓		
173	420318114006	DINESHKUMAR M	III		✓		
174	420318114007	DINESHKUMAR V	III		✓		
175	420318114009	EZHILMULLAIARASU M	III		✓		
176	420318114010	GURUMOORTHY S	III		✓		
177	420318114011	JAYAMOORTHY J	III		✓		
178	420318114015	NIJANTHAN J	III		✓		
179	420318114017	RAGURAMAN R	III		✓		
180	420318114018	RAJA	III		✓		
181	420318114019	RAKESH R	III		✓		
182	420318114020	RAMPRASATH D	III		✓		
183	420318114021	RANGARAJAN R	III		✓		
184	420318114023	TAMILSELVAM S	III		✓		
185	420318114024	UDHAYAKUMAR M	III		✓		
186	420318114027	VIGNESHWARAN M	III		✓		
187	420318114028	YUVARAJ P	III		✓		
188	420318114029	YUVARAJ T	III		✓		
189	420319114001	ENIYAN P	II		✓		
190	420319114002	MOHAN D	II				
191	420319114301	RAJAN R	II				
192	420319114302	VINAYAGAMURTHY V	II				
193	420319114501	SRITHAR M	II				



  
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194	420320114001	ABINASH H	I				
195	420320114002	ELANGO S	I				
196	420320114005	NISHANTH S	I				
197	420320114006	PHILOMIN DASS G	I				
198	420320114007	RAJADURAI K	I				
199	420320114008	ROHITH A	I				
200	420320114009	SANJAI K	I				
201	420320114010	SURENDIRAN S	I				
202	420320114011	UDHAYASURYA S	I				
203	420320114012	VEERAPPAN T	I				



  
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## 1.3.2 Percentage of students undertaking Project Work/ Field Work/Internships



  
Dr. R. PANNEERDHASS, M.E., Ph.D.,  
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ACADEMIC YEAR 2021-2022

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

LIST OF STUDENTS UNDERTAKING PROJECT WORK/FIELD WORK/INTERNSHIP

S.NO	REGISTER NUMBER	NAME	YEAR	PROJECT WORK	MINI PROJECT WORK	INTERNSHIP	FIELD WORK
1	420318104001	ABITHA .A	IV	✓			
2	420318104002	AMIRTHALAKSHMI .V	IV	✓			
3	420318104003	ANANDHI .S	IV	✓			
4	420318104004	BHUVANESHWARI .G	IV	✓			
5	420318104005	GIRIPRASATH .K	IV	✓			
6	420318104007	GUNASEELAN .G	IV	✓			
7	420318104008	KAVITHENDRAL .K	IV	✓			
8	420318104009	KAVITHRA .K	IV	✓			
9	420318104010	MANGALAMBIGAI .A	IV	✓			
10	420318104011	SANTHI .J	IV	✓			
11	420318104012	STEPHENRAJ .R	IV	✓			
12	420318104013	SUJATHA .A	IV	✓			
13	420318104014	SWARNALAKSHMI .B	IV	✓			
14	420318104016	VARADHARAJA PERUMAL .L	IV	✓			
15	420318104018	YUVARAJ .V	IV	✓			
16	420319104001	CHANDRU .M	III				
17	420319104002	GOPINATH .K	III				
18	420319104003	REVATHY .E	III				
19	420319104501	JAYASRI .V	III				
20	420319104701	IYYAPPAN .B	III				
21	420320104001	ANITHA .T	II				
22	420320104003	BHUVANESHWARI .A	II				
23	420320104004	DEEPIKA .S	II				
24	420320104005	DESIYA .E	II				
25	420320104006	DEVI .R	II				
26	420320104007	JANANI .R	II				
27	420320104010	MAYILI .A	II				
28	420320104011	NARMADHA .S	II				
29	420320104012	NAVEEN .R	II				
30	420320104013	PRAKASH .M	II				
31	420320104014	SELVI .R	II				
32	420320104015	SONIYA .D	II				
33	420320104016	STEEPHEN JERO .P	II				
34	420320104017	SUGUMAR .S	II				
35	420320104018	SURENDAR .G	II				
36	420320104301	PONNI .C	II				



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37	420320104302	SYED NAMEER. N	II				
38	420320104303	VENKATESH. T	II				
39	420321104004	AKASH M	I				
40	420321104005	ARUN KUMAR.A	I				
41	420321104006	DARTHY PRISCILA.A	I				
42	420321104007	DIVAGAR G	I				
43	420321104010	JAGADEESHWARAN.T	I				
44	420321104011	KANIMOZHILS	I				
45	420321104012	KAVIPRIYA.S	I				
46	420321104013	KIRUTHIGA.R	I				
47	420321104014	MADHAN M	I				
48	420321104016	MAGESHWARY.M	I				
49	420321104018	MOHANA PRIYA.A	I				
50	420321104019	NITHIYANANDAN O	I				
51	420321104021	RAMANA.N	I				
52	420321104022	REVATHIS	I				
53	420321104023	SANGEETHA B	I				
54	420321104025	SURENDER.D	I				
55	420321104026	SURYA.A	I				
56	420321104027	VIJAY CHANDRAN.M	I				
57	420321104028	VISHWA.R	I				
58	420321104029	YUVARAJS	I				



  
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## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### PROJECT LIST-2021-2022

S.NO	REG.NO	NAME OF THE STUDENTS	TITLE OF THE PROJECT	NAME OF THE SUPERVISOR
1	420318104002	AMIRTHALAKSHMI .V	Experimental Investigation On Analysis Lung Cancer Detection Based On Deep Learning	Mr.K.SATHEESH
	420318104010	MANGALAMBIGAI. A		
	420318104012	STEPHENRAJ. R		
2	420318104007	GUNASEELAN. G	Experimental Investigation On Deep Learning-Based Object Detection Improvement For Crop Leaf Disease	Ms.V.DHANALAKSHMI
	420318104009	KAVITHRA. K		
	420318104011	SANTHI. J		
3	420318104001	ABITHA .A	Experimental Investigation On A Deep Learning Based Architecture To Diagnose Diabetes Using Retinal Images	Ms. G.KUPPULAKSHMI
	420318104004	BHUVANESHWARI .G		
	420318104005	GIRIPRASATH. K		
4	420318104013	SUJATHA. A	Experimental Investigation On Dynamic And Resource Aware Load Balanced Scheduling Approach For Cloud Computing	Mrs.K.KAVITHA
	420318104014	SWARNALAKSHMI .B		
	420318104016	VARADHARAJA PERUMAL. L		
5	420318104003	ANANDHI. S	Experimental Investigation On An Efficient Helmet Detection For MVD Using Deep Learning	Mrs.V.ANANDHI
	420318104008	KAVITHENDRAL. K		
	420318104018	YUVARAJ. V		



  
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ACADEMIC YEAR 2021-2022

## DEPARTMENT OF MECHANICAL ENGINEERING

### LIST OF STUDENTS UNDERTAKING PROJECT WORK/FIELD WORK/INTERNSHIP

S.N O	REGISTER NUMBER	NAME	YEAR	PROJECT WORK	MINI PROJECT WORK	INTERNSHIP	FIELD WORK
59	420318114001	AJITH .M	IV	✓			
60	420318114002	AJITHKUMAR.M	IV	✓			
61	420318114003	ARULKUMAR. S	IV	✓			
62	420318114006	DINESHKUMAR. M	IV	✓			
63	420318114007	DINESHKUMAR. V	IV	✓			
64	420318114009	EZHILMULLAIARASU. M	IV	✓			
65	420318114010	GURUMOORTHY. S	IV	✓			
66	420318114011	JAYAMOORTHY. J	IV	✓			
67	420318114015	NIJANTHAN J	IV	✓			
68	420318114017	RAGURAMAN. R	IV	✓			
69	420318114018	RAJ. A	IV	✓			
70	420318114019	RAKESH. R	IV	✓			
71	420318114020	RAMPRASATH. D	IV	✓			
72	420318114021	RANGARAJAN. R	IV	✓			
73	420318114023	TAMILSELVAM .S	IV	✓			
74	420318114024	UDHAYAKUMAR. M	IV	✓			
75	420318114027	VIGNESHWARAN. M	IV	✓			
76	420318114028	YUVARAJ. P	IV	✓			
77	420318114029	YUVARAJ. T	IV	✓			
78	420318114502	SUSHIL KUMAR.G	IV	✓			
79	420319114001	ENIYAN.P	III		✓		
80	420319114002	MOHAN.D	III		✓		
81	420319114301	RAJAN.R	III		✓		
82	420319114302	VINAYAGAMURTHY.V	III		✓		
83	420319114501	SRITHAR.M	III		✓		
84	420320114001	ABINASH .H	II				
85	420320114002	ELANGO. S	II				
86	420320114005	NISHANTH. S	II				
87	420320114006	PHILOMIN DASS. G	II				
88	420320114007	RAJADURAI. K	II				
89	420320114008	ROHITH. A	II				
90	420320114009	SANJAI .K	II				
91	420320114010	SURENDIRAN. S	II				
92	420320114011	UDHAYASURYA. S	II				
93	420320114012	VEERAPPAN .T	II				
94	420320114301	BALAJI. S	II				



*[Signature]*  
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95	420320114302	DHILIPRAJ .R	II				
96	420320114303	KAMALESHWARAN. K	II				
97	420320114305	PRASANNA. M	II				
98	420320114310	SATHIASEELAN. D	II				
99	420320114701	PRAVEEN KUMAR. P	II				
100	420321114001	AJITH. E	I				
101	420321114002	BOSE. M	I				
102	420321114003	CHANDRU.S	I				
103	420321114004	DHANRAJ.T	I				
104	420321114005	KARUNAKARAN.G	I				
105	420321114006	MUTHUBALAN .M	I				
106	420321114007	NAVEEN .R	I				
107	420321114008	PARAMASIVAM V	I				
108	420321114009	PRABAKARAN.A	I				
109	420321114010	PRAVEEN.P	I				
110	420321114011	SENTHILRAJA.K	I				
111	420321114012	SIVALINGAM.C	I				
112	420321114013	UDHAYAKUMAR .S	I				
113	420321114014	VEERAPPAN.P	I				
114	420321114015	VENTHAN .V	I				

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## DEPARTMENT OF MECHANICAL ENGINEERING

### PROJECT LIST-2021-2022

S.NO	REG.NO	NAME OF THE STUDENTS	TITLE OF THE PROJECT	NAME OF THE SUPERVISOR
1	420318114009	EZHILMULLAIARASU. M	Experimental Investigation On Design And Fabrication Of Automatic Drainage Cleaning System	Mr.D.MANIKANDAN
	420318114021	RANGARAJAN. R		
	420318114024	UDHAYAKUMAR. M		
	420318114029	YUVARAJ. T		
2	420318114007	DINESHKUMAR. V	Experimental Investigation On Mechanical Properties Of Banana Fiber And Kenaf Reinforced Epoxy Composites	Mr.S.SENTHILKUMARAN
	420318114010	GURUMOORTHIL. S		
	420318114011	JAYAMOORTHY. J		
	420318114017	RAGURAMAN. R		
3	420318114002	AJITHKUMAR.M	Experimental Investigation And Finite Element Analysis Of Piston By Using Metal Matrix Composites	Mr.S.RAMAMOORTHY
	420318114003	ARULKUMAR. S		
	420318114015	NIJANTHAN. J		
	420318114027	VIGNESHWARAN. M		
4	420318114001	AJITH. M	Experimental Investigation Of EDM Process Parameter On Machining Of Aluminum Metal Matrix Composites	Mr.K.SAKTHIVEL
	420318114006	DINESHKUMAR. M		
	420318114019	RAKESH. R		
	420318114028	YUVARAJ. P		
5	420318114018	RAJ. A	Experimental Investigation On Design And Fabrication Of Dual Rotor Wind Turbine	Mr.M.SINNAPPADASS
	420318114020	RAMPRASATH. D		
	420318114023	TAMILSELVAM. S		
	420318114502	SUSHIL KUMAR.G		



  
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## MINI PROJECT LIST-2021-2022(MECHACIHAL ENGINEERING)

S.NO	REG.NO	NAME OF THE STUDENTS	TITLE OF THE PROJECT	NAME OF THE SUPERVISOR
1	420319114001	ENIYAN.P	Design and fabrication of Bevel Gear operated screw jack for lifting operation	Mr.D.MANIKANDAN
	420319114002	MOHAN.D		
	420319114301	RAJAN.R		
2	420319114302	VINAYAGAMURTHY.V	Design and fabrication of Double Jaw	Mr.K.SAKTHIVEL
	420319114501	SRITHAR.M		

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ACADEMIC YEAR 2021-2022

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

LIST OF STUDENTS UNDERTAKING PROJECT WORK/FIELD WORK/INTERNSHIP

S.N O	REGISTER NUMBER	NAME	YEAR	PROJECT WORK	MINI PROJECT WORK	INTERNSHIP	FIELD WORK
115	420318106001	BALAJI. S	IV	✓			
116	420318106002	HARISHANKAR. V	IV	✓			
117	420318106004	SHAKI. P	IV	✓			
118	420318106005	SUVASRI. S	IV	✓			
119	420318106006	VANISRI. S	IV	✓			
120	420319106001	TAMILARASAN. S	III				
121	420319106002	VINOTHINI. V	III				
122	420319106301	SANTHOSH. T	III				
123	420320106001	GOMATHI. P	II				
124	420320106002	GURUNATHAN. R	II				
125	420320106003	ISWARYA. M	II				
126	420320106004	SHARMILA. A	II				
127	420320106005	SNEKHA. T	II				
128	420320106301	ANTONY GABRIEL. A	II				
129	420320106302	ASHOKBARATHI. E	II				
130	420320106303	KALANITHI. J	II				
131	420320106304	PRIYADHARSHINI. S	II				
132	420320106305	SOUNDARAPANDIAN .S	II				
134	420320106306	SUGUMARAN. S	II				
135	420320106307	VEERADAS. S	II				
136	420321106001	ANTHONY MERCY. G	I				
137	420321106002	ANUCIYA. G	I				
138	420321106003	ARTHI. K	I				
139	420321106004	ARUNTHDEVIL. M	I				
140	420321106005	BHUVANESWARAN. S	I				
141	420321106006	DEPPIKA. M	I				
142	420321106009	DHIVYA. B	I				
143	420321106010	DIVYA. M	I				
144	420321106011	GOPINATH. S	I				
145	420321106013	JAYA SATHYA. R	I				
146	420321106014	KALAYARASIE	I				
147	420321106015	KARTHIKEYAN. G	I				
148	420321106016	KAVIYA. V	I				
149	420321106017	KEERTHIKA. E	I				
150	420321106018	KIRUBAKARAN. R	I				
151	420321106019	MEERA. S	I				



  
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152	420321106020	NITHIYA.S					
153	420321106021	RAJASRI.S					
154	420321106023	SANTHIYA.P					
155	420321106024	SIVAJOTHI.R					
156	420321106025	SUJATHA.R					
157	420321106026	SWEATHA.S					
158	420321106027	TAMILVANIR					
159	420321106028	VAITHESHWARY.S					



Dr. R. PANNEERDHASS, M.E., Ph.D.,

Principal

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## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

### PROJECT LIST-2021-2022

S.NO	REG.NO	NAME OF THE STUDENTS	TITLE OF THE PROJECT	NAME OF THE SUPERVISOR
1	420318106001	BALAJI. S	Experimental Investigation Health Monitoring System And Voice Controlled Wheel For Differently Abled Person Using ARDUINO NANO and NODEMCU	Mr.P.SARAVANAN
	420318106004	SHAKI. P		
	420318106006	VANISRI. S		
2	420318106002	HARISHANKAR. V	Experimental Investigation On Smart Agricultural System Using IOT	Mr.P.SARAVANAN
	420318106005	SUVASRI .S		



  
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## ACADEMIC YEAR 2021-2022

### DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

#### LIST OF STUDENTS UNDERTAKING PROJECT WORK/FIELD WORK/INTERNSHIP

S.NO	REGISTER NUMBER	NAME	YEAR	PROJECT WORK	MINI PROJECT WORK	INTERNSHIP	FIELD WORK
1	420318105001	DHARANEESHKUMAR .R	IV	✓			
2	420318105002	GAYATHRI .M	IV	✓			
3	420319105301	BALAKRISHNAN. V	III				
4	420319105302	KRISHNARAJ. R	III				
5	420319105303	LASARVIJAY. B	III				
6	420320105002	ELAVARASAN. A	II				
7	420320105003	KARTHIGA. R	II				
8	420320105006	SRIDEVI. S	II				
9	420320105008	SUGANTHI. P	II				
10	420320105301	ARAVINDHAN .A	II				
11	420320105302	ARIRAJ .H	II				
12	420320105303	ARULJOTHI. A	II				
13	420320105304	ARULKUMARAN .A	II				
14	420320105305	ASHOKKUMAR. P	II				
15	420320105306	DHILIPKUMAR. S	II				
16	420320105307	DINESH. G	II				
17	420320105308	GANAPATHY. I	II				
18	420320105310	NANDHAKUMAR. N	II				
19	420320105311	PATCHAIAPPAN .M	II				
20	420320105312	SOWNDARRAJ. D	II				
21	420321105001	BHARATHI.S	I				
22	420321105003	JAYAVEL.S	I				
23	420321105004	KALAI STALIN MARAN.M	I				
24	420321105006	MOHAMED IMTHYAS.E	I				
25	420321105007	NITHISH KUMAR.V	I				
26	420321105008	RAGUL.R	I				
27	420321105009	SABARIS	I				
28	420321105010	SURIYA.M	I				
29	420321105011	VASANTHARAJ.R	I				
30	420321105012	VISHNU PRIYA.B	I				



*Jas*  
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## DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

### PROJECT LIST-2021-2022

S.NO	REG.NO	NAME OF THE STUDENTS	TITLE OF THE PROJECT	NAME OF THE SUPERVISOR
1	420318105001	DHARANEESHKUMAR .R	IOT Application for Real – Time Monitoring of Solar , Wind And Hydro System Based on Aurdino	Mr.R.Udhayakumar
	420318105002	GAYATHRI .M		



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## ACADEMIC YEAR 2021-2022

### DEPARTMENT OF CIVIL ENGINEERING

#### LIST OF STUDENTS UNDERTAKING PROJECT WORK/FIELD WORK/INTERNSHIP


S.NO	REGISTER NUMBER	NAME	YEAR	PROJECT WORK	MINI PROJECT WORK	INTERNSHIP	FIELD WORK
1	420318103501	SASIKUMAR.S	IV	✓			
2	420320103002	RAGHUL. R	II				
3	420320103301	MANOJ. M	II				
4	420320103302	RAJARATHINAM. R	II				
5	420320103303	SANTHOSHKUMAR. G	II				
6	420320103305	VIGNESH. K	II				
7	420321103001	DHIIVYA.V	I				
8	420321103002	DURGA.D	I				
9	420321103003	MAGESHWARAN.I	I				
10	420321103004	RAJAGURU .M	I				
11	420321103005	SRI SOWMIYA.M	I				
12	420321103007	THULASIT	I				

### DEPARTMENT OF CIVIL ENGINEERING

#### PROJECT LIST-2021-2022

S.NO	REG.NO	NAME OF THE STUDENT	TITLE OF THE PROJECT	NAME OF THE SUPERVISOR
1	420318103501	SASIKUMAR.S	Improvement of sub grade soil using Nylon fiber	Mrs.S.Suganya



  
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## 1.3.2 Percentage of students undertaking Project Work/ Field Work/Internships



  
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ACADEMIC YEAR 2022-2023

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

LIST OF STUDENTS UNDERTAKING PROJECT WORK/FIELD  
WORK/INTERNSHIP

S.NO	REGISTER NUMBER	NAME	YEAR	PROJECT WORK	MINI PROJECT WORK	INTERNSHIP	FIELD WORK
1	420319104001	CHANDRU.M	IV	✓			
2	420319104002	GOPINATH.K	IV	✓			
3	420319104003	REVATHY.E	IV	✓			
4	420319104701	IYYAPAN.B	IV	✓			
5	420320104001	ANITHA. T	III			✓	
6	420320104003	BHUVANESHWARI .A	III			✓	
7	420320104005	DESIYA. E	III			✓	
8	420320104006	DEVI. R	III			✓	
9	420320104007	JANANI. R	III			✓	
10	420320104010	MAYILI. A	III			✓	
11	420320104011	NARMADHA. S	III			✓	
12	420320104012	NAVEEN. R	III			✓	
13	420320104013	PRAKASH. M	III			✓	
14	420320104015	SONIYA. D	III			✓	
15	420320104016	STEEPEN JERO. P	III			✓	
16	420320104017	SUGUMAR .S	III			✓	
17	420320104018	SURENDAR. G	III			✓	
18	420320104304	SYED NAMEER. N	III			✓	
19	420320104303	VENKATESH. T	III			✓	
20	420321104004	AKASH .M	II			✓	
21	420321104007	DIVAGAR .G	II			✓	
22	420321104010	JAGADEESHWARAN.T	II			✓	
23	420321104011	KANIMOZHIS	II			✓	
24	420321104012	KAVIPRIYA.S	II			✓	
25	420321104014	MADHAN M	II			✓	
26	420321104016	MAGESHWARY.M	II			✓	
27	420321104018	MOHANA PRIYA.A	II			✓	
28	420321104019	NITHIYANANDAN. O	II			✓	
29	420321104021	RAMANA.N	II			✓	
30	420321104022	REVATHIS	II			✓	
31	420321104023	SANGEETHA .B	II			✓	



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## LIST OF STUDENTS UNDERTAKING PROJECT WORK/FIELD WORK/INTERNSHIP

S.NO	REGISTER NUMBER	NAME	YEAR	PROJECT WORK	MINI PROJECT WORK	INTERNSHIP	FIELD WORK
32	420321104026	SURYA.A	II			✓	
33	420321104027	VIJAY CHANDRAN.M	II			✓	
34	420321104028	VISHWA.R	II			✓	
35	420321104029	YUVARAJ.S	II			✓	
36	420321104301	GUNAL. S	II			✓	
37	420321104302	THAMIZHSELVAN. M	II			✓	
38	420321104304	VISWESH. M	II			✓	
39	420322104001	ABIRAMI. V	I			✓	
40	420322104003	DEEPIGA. M	I			✓	
41	420322104004	DHINESH. K	I			✓	
42	420322104005	DILLIKUMAR. R	I			✓	
43	420322104006	DILLIKUMARAN. B	I			✓	
44	420322104007	ELAKKIYA .K	I			✓	
45	420322104008	GAJA PRIYA. R	I			✓	
46	420322104009	GOKUL. D	I			✓	
47	420322104010	HARISH .U	I			✓	
48	420322104011	IYYAPPAN .V	I			✓	
49	420322104014	KALAIYARASI. R	I			✓	
50	420322104015	MADHUMITHA. P	I			✓	
51	420322104016	MAHA DEVAN .D	I			✓	
52	420322104017	MOHANRAJ .P	I			✓	
53	420322104018	NITHIKA .S	I			✓	
54	420322104019	PRITHISHA. T	I			✓	
55	420322104020	PRIYADHARSHINI. S	I			✓	
56	420322104021	PURUSHOTHAMAN M	I			✓	
57	420322104022	RAMESH KUMAR. R	I			✓	
58	420322104023	SATHISH. E	I			✓	
59	420322104024	SIVANESHWAR. E	I			✓	
60	420322104025	SUNDAR. S	I			✓	
61	420322104027	VAITHEESWARI .V	I			✓	
62	420322104028	VENKATARAMANA. T	I			✓	
63	420322104029	VIGNESH .J	I			✓	
64	420322104012	JAYAMUGILAN. M	I			✓	



  
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## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### PROJECT LIST-2022-2023

S.NO	REG.NO	NAME OF THE STUDENTS	TITLE OF THE PROJECT	NAME OF THE SUPERVISOR
1	420319104001	CHANDRU.M	AUTOMATED KIDNEY STONE AND CYST DETECTION WITH CT SCAN IMAGE USING DEEP LEARNING	Mr. N. MUTHUKUMARAN
	420319104002	GOPINATH.K		
	420319104003	REVATHY.E		
	420319104701	IYYAPAN.B		



  
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ACADEMIC YEAR 2022-2023

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

LIST OF STUDENTS UNDERTAKING PROJECT WORK/FIELD  
WORK/INTERNSHIP

S.NO	REGISTER NUMBER	NAME	YEAR	PROJECT WORK	MINI PROJECT WORK	INTERNSHIP	FIELD WORK
65	420319105301	BALAKRISHNAN .V	IV	✓			
66	420319105302	KRISHNARAJ. R	IV	✓			
67	420319105303	LASARVIJAY. B	IV	✓			
68	420320105003	KARTHIGA. R	III			✓	
69	420320105006	SRIDEVI. S	III			✓	
70	420320105008	SUGANTHI. P	III			✓	
71	420320105302	ARIRAJ. H	III			✓	
72	420320105303	ARULJOTHI .A	III			✓	
73	420320105306	DHILIPKUMAR. S	III			✓	
74	420320105307	DINESH. G	III			✓	
75	420320105308	GANAPATHY. I	III			✓	
76	420320105310	NANDHAKUMAR. N	III			✓	
77	420320105311	PATCHAIAPPAN. M	III			✓	
78	420320105312	SOWNDARRAJ. D	III			✓	
79	420321105001	BHARATHI. S	II			✓	
80	420321105003	JAYAVEL .S	II			✓	
81	420321105004	KALAI STALIN MARAN M	II			✓	
82	420321105008	MOHAMED IMTHIYAS .E	II			✓	
83	420321105009	NITHISHKUMAR. V	II			✓	
84	420321105010	RAGUL. R	II			✓	
85	420321105011	SABARI .S	II			✓	
86	420321105012	SURIYA. M	II			✓	
87	420321105013	VASANTHARAJ .R	II			✓	
88	420321105014	VISHNU PRIYA. B	II			✓	
89	420322105001	DURAIGURU. R	I			✓	



  
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## DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

### PROJECT LIST-2022-2023

S.NO	REG.NO	NAME OF THE STUDENTS	TITLE OF THE PROJECT	NAME OF THE SUPERVISOR
1	420319105301	BALAKRISHNAN .V	DESIGN AND IMPLEMENTATION OF ELECTRIVEHICLE CHARGER USING HYBRID CONVERTER	Mr. R. UDHAYAKUMAR
	420319105302	KRISHNARAJ. R		
	420319105303	LASARVIJAY. B		



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ACADEMIC YEAR 2022-2023

DEPARTMENT OF ELECTRONICS AND COMMUNICATION  
ENGINEERING

LIST OF STUDENTS UNDERTAKING PROJECT WORK/FIELD WORK/INTERNSHIP

S.N O	REGISTER NUMBER	NAME	YEAR	PROJECT WORK	MINI PROJECT WORK	INTERNSHIP	FIELD WORK
90	420319106001	TAMILARASAN. S	IV	✓			
91	420319106002	VINOTHINI .V	IV	✓			
92	420319106301	SANTHOSH .T	IV	✓			
93	420320106001	GOMATHI P	III			✓	
94	420320106002	GURUNATHAN R	III			✓	
95	420320106302	ASHOKBARATHI E	III			✓	
96	420320106303	KALANITHI J	III			✓	
97	420320106304	PRIYADHARSHINI S	III			✓	
98	420320106306	SUGUMARAN S	III			✓	
99	420321106001	ANTHONY MERCY.G	II			✓	
100	420321106002	ANUCIYA G	II			✓	
101	420321106003	ARTHI K	II			✓	
102	420321106004	ARUNTHDEVLM	II			✓	
103	420321106005	BHUVANESWARAN S	II			✓	
104	420321106009	DHIVYA B	II			✓	
105	420321106010	DIVYA M	II			✓	
106	420321106011	GOPINATH.S	II			✓	
107	420321106013	JAYA SATHYA.R	II			✓	
108	420321106014	KALAYARASI.E	II			✓	
109	420321106015	KARTHIKEYAN.G	II			✓	
110	420321106016	KAVIYA.V	II			✓	
111	420321106017	KEERTHIKA.E	II			✓	
112	420321106018	KIRUBAKARAN.R	II			✓	
113	420321106019	MEERA.S	II			✓	
114	420321106024	SIVAJOTHI.R	II			✓	
115	420321106026	SWEATHA.S	II			✓	
116	420321106029	VIJAYALAKSHMI.S	II			✓	
117	420321106301	ARAVINDAN S	II			✓	
118	420322106001	ANJANA DEVI. E	I			✓	
119	420322106002	BOOBALAN .P	I			✓	
120	420322106003	DHINESH .I	I			✓	
121	420322106004	ELAKKIYADHASAN. S	I			✓	
122	420322106005	JAYABHARATHI .G	I			✓	
123	420322106006	KAVIYA. K	I			✓	
124	420322106007	MANISHA .D	I			✓	
125	420322106009	VIJAYALAKSHMI. D	I			✓	



*[Signature]*  
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## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

### PROJECT LIST-2022-2023

S.N O	REG.NO	NAME OF THE STUDENTS	TITLE OF THE PROJECT	NAME OF THE SUPERVISOR
1	420319106001	TAMILARASAN. S	HAND GESTURE ASSISTANCE SYSTEM FOR DISABLED/ DUMB PEOPLE USING IOT	Mr. P.SARAVANAN
	420319106002	VINOTHINI .V		
	420319106301	SANTHOSH .T		



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Vadakuchipalayam, Kappiyampuliyur post, Villupuram-605601, Tamilnadu.

## DEPARTMENT OF MECHANICAL ENGINEERING

### LIST OF STUDENTS UNDERTAKING PROJECT WORK/FIELD WORK/INTERNSHIP

S.N O	REGISTER NUMBER	NAME	YEAR	PROJECT WORK	MINI PROJECT WORK	INTERNSHIP	FIELD WORK
126	420319114001	ENIYAN. P	IV	✓			
127	420319114002	MOHAN. D	IV	✓			
128	420319114301	RAJAN. R	IV	✓			
129	420319114302	VINAYAGAMOORTHY .V	IV	✓			
130	420319114501	SRIDHAR .M	IV	✓			
131	420320114001	ABINASH. H	III		✓		
132	420320114002	ELANGO .S	III		✓		
133	420320114005	NISHANTH. S	III		✓		
134	420320114006	PHILOMIN DASS. G	III		✓		
135	420320114007	RAJADURAL. K	III		✓		
136	420320114008	ROHITH .A	III		✓		
137	420320114009	SANJAI .K	III		✓		
138	420320114010	SURENDIRAN. S	III		✓		
139	420320114011	UDHAYASURYA. S	III		✓		
140	420320114012	VEERAPPAN .T	III		✓		
141	420320114301	BALAJI .S	III		✓		
142	420320114302	DHILIPRAJ. R	III		✓		
143	420320114303	KAMALESHWARAN. K	III		✓		
144	420320114305	PRASANNA. M	III		✓		
145	420320114701	PRAVEEN KUMAR. P	III		✓		
146	420321114001	AJITH.E	II			✓	
147	420321114002	BOSE.M	II			✓	
148	420321114003	CHANDRU.S	II			✓	
149	420321114004	DHANRAJ.T	II			✓	
150	420321114005	KARUNAKARAN.G	II			✓	
151	420321114006	MUTHUBALAN .M	II			✓	
152	420321114007	NAVEEN. R	II			✓	
153	420321114008	PARAMASIVAM. V	II			✓	
154	420321114010	PRAVEEN.P	II			✓	
155	420321114011	SENTHILRAJA.K	II			✓	
156	420321114012	SIVALINGAM.C	II			✓	
157	420321114013	UDHAYAKUMAR. S	II			✓	
158	420321114016	VIGNESG. E	II			✓	



*[Signature]*  
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159	420321114301	CHANDRU. C	II			✓	
160	420321114302	DILIPRAJ. V	II			✓	
161	420321114303	DINESH. R	II			✓	
162	420321114307	SRIDHAR. M	II			✓	
163	420321114309	VASANTHAVEL .K	II			✓	
164	420321114311	VINOTH KUMAR .S	II			✓	
165	420321114312	YUVARAJ. M	II			✓	
166	420322114002	PUNNIYANATHAN. R	I			✓	
167	420322114003	RAJESH .V	I			✓	
168	420322114004	SANTHOSH. S	I			✓	
169	420322114005	SURIYA. J	I			✓	
170	420322114006	UTHAYAKUMAR .V	I			✓	
171	420322114007	VEERAMANIKANDAN G	I			✓	
172	420322114008	VINOTH KUMAR. S	I			✓	



  
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## DEPARTMENT OF MECHANICAL ENGINEERING

### PROJECT LIST-2022-2023

S.N O	REG.NO	NAME OF THE STUDENTS	TITLE OF THE PROJECT	NAME OF THE SUPERVISOR
1	420319114302	VINAYAGAMOORTHY .V	EXPERIMENTAL INVESTIGATION AND FINITE ELEMENT ANALYSIS OF MECHANICAL PROPERTIES IN HYBRID PISTON	Mr. D. MANIKANDAN
	420319114501	SRIDHAR .M		
2	420319114001	ENIYAN. P	INVESTIGATION AND MEASUREMENT OF SURFACE ROUGHNESS AND MRR FOR HYBRID COMPOSITE OF AL6061+CNT, USING ABRASIVE WATER JET MACHINING	Mr. S. RAMAMOORTHY
	420319114002	MOHAN. D		
	420319114301	RAJAN. R		



  
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## DEPARTMENT OF MECHANICAL ENGINEERING

### MINI PROJECT LIST-2022-2023

S.N O	REG.NO	NAME OF THE STUDENTS	TITLE OF THE PROJECT	NAME OF THE SUPERVISOR
1	420320114001	ABINASH.H	DESIGN AND FABRICATION OF AUTOMATIC DRAINAGE CLEANING SYSTEMS	Mr.R.VENKATESH
	420320114002	ELANGO.S		
	420320114006	PHILOMINDASS.G		
	420320114010	SURENDRAN.S		
2	420320114008	ROHITH .A	DESIGN AND FABRICATION OF RAILWAY TRACK POWER GENERATION SYSTEM	Mr. .A .ARULKUMAR
	420320114302	DHILIPRAJ. R		
	420320114701	PRAVEEN KUMAR. P		
3	420320114007	RAJADURAI. K	DESIGN AND FABRICATION OF BEVEL GEAR OPERATED SCREW JACK FOR LIFTING OPERATION	Mr. K.SAKTHIVEL
	420320114011	UDHAYASURYA. S		
	420320114301	BALAJI .S		
	420320114303	KAMALESHWARAN. K		



  
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4	420320114005	NISHANTH. S	DESIGN AQND FABRICATION OF DOUBLE JAW VISE	Mr. D. MANIKANDAN
	420320114009	SANJAI .K		
	420320114012	VEERAPPAN .T		
	420320114305	PRASANNA. M		



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ACADEMIC YEAR 2022-2023

DEPARTMENT OF CIVIL ENGINEERING

LIST OF STUDENTS UNDERTAKING PROJECT WORK/FIELD  
WORK/INTERNSHIP

S.NO	REGISTER NUMBER	NAME	YEAR	PROJECT WORK	MINI PROJECT WORK	INTERNSHIP	FIELD WORK
173	420320103002	RAGHUL .R					
174	420320103301	MANOJ .M	III			✓	
175			III			✓	
	420320103303	SANTHOSHKUMAR.G	III			✓	
176	420320103305	VIGNESH .K					
177	420321103002	DURGA. D	III			✓	
178	420321103005	SRISOWMIYA. M	II			✓	
179	420321103007	THULASI .T	II			✓	
180	420321103302	SIVARAJPATEL. C	II			✓	
181	420322103002	IYYAPPAN .S	I			✓	
182	420322103003	NIVESH .V	I			✓	



  
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## ACADEMIC YEAR 2022-2023

### 1.3.2 Percentage of students Undertaking Project Work/Field Work/Internship:

Programme Name	Program code	Total Number Of Students Undertaking Project Work/Field Work/Internship
Civil Engineering	103	10
Computer Science Engineering	104	64
Electrical And Electronics Engineering	105	25
Electronics and communication Engineering	106	36
Mechanical engineering	114	47
	<b>TOTAL:</b>	<b>182</b>

1.3.2.1 Number of students undertaking project work/ field work/internships: 182

Percentage=

Number of students undertaking project work/ field work/internships \*100

Total number of students during the latest completed academic year

$$\text{Percentage} = \frac{182}{182} * 100 = 100\%$$

**AUTOMATED KIDNEY STONE AND CYST  
DETECTION WITH CT SCAN IMAGE USING DEEP  
LEARNING  
A PROJECT REPORT**

*Submitted by*

CHANDRU M	(420319104001)
GOPINATH K	(420319104002)
REVATHY E	(420319104003)
IYAPPAN B	(420319104701)

*in partial fulfilment for the award of the degree*

*of*

**BACHELOR OF ENGINEERING**

*in*

**COMPUTER SCIENCE AND ENGINEERING**

**A.R ENGINEERING COLLEGE VILLUPURAM-605 601**



**ANNA UNIVERSITY: CHENNAI 600 025**

**MAY 2023**

*[Signature]*  
**Dr. R. PANNEERDHASS, M.E., Ph.D.**  
PRINCIPAL  
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VADAKUCHIPALAYAM,  
KAPPIYAMPULIYUR POST,  
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ANNA UNIVERSITY : CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project report "AUTOMATED KIDNEY STONE AND CYST DETECTION WITH CT SCAN IMAGE USING DEEP LEARNING" is the bonafide work of "CHANDRU M (420319104001), GOPINATH K (420319104002), REVATHY E (420319104003) , IYAPPAN B (420319104701)" who carried out the project work under my supervision.

*N. Prithvi 16/5/23*  
SIGNATURE  
HEAD OF THE DEPARTMENT  
Mr. N.MUTHUKUMARAN,M.E.,  
Head of the Department  
Computer Science And Engineering,  
A.R Engineering College,  
Villupuram-605 601.

*N. Prithvi 16/5/23*  
SIGNATURE  
SUPERVISOR  
Mr. N.MUTHUKUMARAN,M.E.,  
Head of the Department  
Computer Science And Engineering,  
A.R Engineering College,  
Villupuram-605 601.

Project report Submitted to the university project Viva-Voce held on 16/5/2023

*N. Prithvi 16/5/23*  
INTERNAL EXAMINER

*R. Panneerdhass 16/5/23*  
EXTERNAL EXAMINER

*R. Panneerdhass*  
Dr.R.PANNEERDHASS,ME.,PHD  
PRINCIPAL  
A.R.ENGINEERING COLLEGE  
VADAKUCHIPALAYAM,  
KAPPIYAMPULIYUR POST  
VILLUPURAM-605 601.



## CERTIFICATE OF EVALUATION

College Name : A.R. Engineering College

Branch & Semester : Computer Science and Engineering & VIII

S.NO	Name of The Students	Title of the project	Name of the Supervisor with Designation
1.	M. CHANDRU (420319104001)	AUTOMATED KIDNEY STONE AND CYST DETECTION WITH CT SCAN IMAGE USING DEEP LEARNING	Mr.N.MUTHUKUMARAN,M.E. Head of the Department
2.	K.GOPINATH (420319104002)		
3.	E.REVATHY (420319104003)		
4.	B.IYAPPAN (420319104701)		

The report of the project work submitted by the above students in partial fulfilment for the award of Bachelor of Engineering Degree in Computer Science and Engineering of Anna University were evaluated and confirmed to be reports of the work done by the above students.

The viva voce examination of the project work was held on 16/5/2023

*N. Srinivas*  
16/5/23  
INTERNAL EXAMINER

*P. Arjun*  
16/5/23  
EXTERNAL EXAMINER

Dr.R.PANNEERDHASS,M.E.  
PRINCIPAL  
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## ABSTRACT

The abstract of an automated kidney stone and cyst detection system using CT scan images with deep learning can be summarized as follows. The detection of kidney stones and cysts from medical imaging is a crucial task for urologists and radiologists. Conventional manual detection of kidney stones and cysts can be time-consuming and error-prone. In recent years, deep learning techniques have shown promising results in medical image analysis. In this study, we propose an automated system for the detection of kidney stones and cysts from CT scan images using deep learning. The proposed system consists of two main parts: a segmentation network and a classification network. The segmentation network is responsible for segmenting the regions of interest (ROIs) from the CT scan images, while the classification network classifies the ROIs as either kidney stones or cysts. We trained and evaluated our system on a dataset of CT scan images containing both kidney stones and cysts. The experimental results showed that our proposed system achieved an accuracy of 94.5% for kidney stone detection and 91.2% for cyst detection, respectively. The proposed system demonstrated its potential for automated and accurate detection of kidney stones and cysts from CT scan images, which can assist radiologists and urologists in their clinical practice.



  
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## CHAPTER - II

### 11. CONCLUSION & FUTURE ENHANCEMENTS

#### 11.1 CONCLUSION :

Automated kidney stone and cyst detection with CT scan images using deep learning techniques such as YOLOv5 and ResNet50 is a promising area of research in the field of medical image analysis. The use of deep learning algorithms can significantly improve the accuracy and efficiency of detecting kidney stones and cysts in CT scans, which can lead to better diagnosis and treatment for patients. YOLOv5 and ResNet50 are both widely used deep learning models that have been shown to be effective in various image recognition tasks. These models can learn complex patterns in medical images and classify them into different categories with high accuracy. By applying these models to CT scan images of the kidneys, researchers can detect the presence of kidney stones and cysts with high accuracy. This can save time and effort for radiologists who would otherwise have to manually examine each image, which can be time-consuming and error-prone.

In conclusion, automated kidney stone and cyst detection with CT scan images using deep learning techniques such as YOLOv5 and ResNet50 is a promising area of research that has the potential to significantly improve the diagnosis and treatment of kidney-related diseases. Further research in this area is needed to optimize the performance of these models and validate their accuracy on larger datasets.

#### 11.2 FUTURE ENHANCEMENT :

Automated kidney stone and cyst detection with CT scan images using deep learning techniques such as YOLOv5 and ResNet50 is a rapidly evolving field with several future enhancements that can improve the accuracy and efficiency of the detection process.



  
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DESIGN AND IMPLEMENTATION OF  
ELECTRICVEHICLE CHARGER USING  
HYBRID CONVERTER

A PROJECT REPORT

*Submitted by*

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## ABSTRACT

Over the recent years, the growing need for the integration of electric vehicles into the grid has been seen. Electric vehicles can be easily integrated into the conventional grid through the advancement of various topologies of power semiconductor devices by an interface of power electronic converters. The interface provides the maximum power point for the electric vehicles to operate. The Hybrid Luo converter (HLC) implemented in this project is one of the most popular topology for integration of renewable energy resources and electric vehicle. This configuration of bidirectional DC-DC converter provides galvanic isolation through a high frequency transformer and also provides bidirectional power flow. The HLC converter control is based on the modulation of phase shift control where the leading bridge supplies power to the lagging bridge. The closed loop control of the converter is implemented in this project.




  
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## CHAPTER 6 CONCLUSION

The Hybrid LUO converter with improved power quality AC-DC converter is proposed for Electric Vehicle battery charging application. The design, simulation and hardware implementation of proposed converter are carried out. The simulation results are obtained under various loading conditions and results demonstrate that the proposed converter is able to provide regulated output voltage irrespective of supply and load variations. A new multi-input multi-output dc-dc boost converter with unified structure for hybridizing of power sources in electric vehicles is presented here. This converter has just one inductor. The converter can be used for transferring energy between different energy resources such as FC, PV, and ESSs like battery and SC. In this, FC and battery are considered as power source and ESS, respectively. Also, the converter can be utilized as single input multioutput converter. It is possible to have several outputs with different voltage levels. The converter has two main operation modes which in battery discharging mode both of input sources deliver power to output and in battery charging mode one of the input sources not only supplies power but also delivers power to the other source (battery).



  
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**HAND GESTURE ASSISTANCE SYSTEM FOR  
DISABLED / DUMB PEOPLE USING IOT**

**A PROJECT REPORT**

*Submitted by*

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## ABSTRACT

The world's simplest form of communication is speech. It becomes difficult for speech impaired people to communicate with normal people as they use sign language for communication. The communication gap between the speech impaired and the general population is too great to be bridged when a person with speech impairments speaks with a normal person. Our project's goal is to create a smart glove that can translate sign language and provide hearing or speech-impaired people with a simple means of communication. In this project, a glove with IR sensor, an ESP32 microcontroller, and an audio playback module which can recognise upto 16 different sign language gestures. Fingers have IR sensors attached to them that track their position in relation to a motion made. The ESP32 microcontroller board receives the observed data from the sensors, and depending on the situation, send the text for the associated sign gesture to an Android phone (Blynk App) via the Blynk server using Internet and the data received will be in the form of text. Further the movements will essentially be translated into real-time speech by the voice playback module APR33A3. Therefore, this device offers both deaf and dumb and sighted persons an effective means of communication.

*Keywords:- ESP32, IR sensor, 8 Channel Voice Recording Playback Module APR33A3, Blynk App.*



  
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## CHAPTER 6

### CONCLUSION & FUTURE WORK


#### CONCLUSION:

The hardware protocol for speech-impaired individuals utilizing hand gestures will be a useful tool and aid in communication in workplaces and the public sector. By making it simple for people to communicate with them, the system will be able to successfully convert hand signals. This project seeks to close the communication gap between the quiet society and the rest of society. The gesture symbol's potential to be an associated autonomous system that applies to shared living areas is this project's most noteworthy characteristic. Only a few commands can be used with this system. The following is expandable in the future to include more commands. The use of two gloves in place of one is also possible with 16 modules.

#### FUTURE WORK:

This work can be further developed to convert more complex sentences to speech. By utilising some machine learning approaches, the dynamic movements can be identified and sensed more precisely. The user interface of the system can be improved. This work can be extended to recognize various languages and the language selection can be given as an option in the application.



  
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MPA/61/ S247 /23

11.03.2023

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that a batch of 55 Nos. Electronics & Communication Engineering Students & 6 Faculty Members of A R Engineering College , Tamil Nadu, have visited Mamala Unit of our Company on 11.03.2023.



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INVESTIGATION AND MEASUREMENT OF  
SURFACE ROUGHNESS AND MRR FOR HYBRID  
COMPOSITE OF AL6061+B4C+CNT, USING  
ABRASIVE WATER JET MACHINING

A PROJECT REPORT

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## ABSTRACT

The abstract of developing metal matrix composite material is to combine the desirable properties of metal particulates of aluminium. Aluminum Metal Matrix Composites (AMMCs) are new generation engineering materials that possess superior physical and mechanical properties compared to non-reinforced alloys. This makes them attractive for wider range of applications in automotive, aerospace and defense industries. The reinforcements in AMMCs are very hard and abrasive in nature. Thus, they pose a limitation to their economic conventional machining. Production of complex shapes in such materials by traditional methods is also difficult.

In unconventional material removal processes offers an attractive alternative. Many unconventional machining processes, have found widespread applications in industry. The matrix holds the stir casting to form the desired shape of material using casting hub and stir casting improves most of the mechanical properties of the composite material. Then the abrasive water jet machining done at various input parameters. Then to measure the surface roughness and material removal rate by changing input parameters. Analyze the structure of composite material at various views using scanning electron microscope. Finally find which parameter to get the better machining of the composite. The composites like aluminium Al6061, boron carbide (B<sub>4</sub>C), nanotubes.



  
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## CHAPTRE-7

### CONCLUSION


In present investigation aim is study the various composition of AMC to prepare with help of stir casting process. The Aluminium (6061) is selected as matrix phase while B<sub>4</sub>C. Carbon nanotubes act as reinforcement. With the help of stir casting process we have successfully manufactured AMC at less cost. Preheating of mould helps in reducing porosity as well as increases mechanical properties like increasing the weight percentage of reinforced contents increases the hardness.

From the investigation out of all the selected parameters mainly three parameters abrasive flow rate, traverse speed and pressure were significantly affecting the material removal rate in abrasive water jet machining. It has been concluded from the results that input parameters setting of abrasive flow rate at 440(g/min), traverse speed at 120 (mm/min), pressure 275(Mpa) produced high optimum result for MRR. It has been concluded from the results that input parameters setting of abrasive flow rate at 340(g/min), traverse speed at 120 (mm/min) pressure 125 (Mpa), produced high optimum result for surface roughness. In this study clearly understand to increasing abrasive flow rate, traverse speed increasing MRR and decreasing surface roughness.

The SEM image is used to find the micro structure of the material at various magnifications are studied.



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Ref No: XLE/0365

Date: 11.05.2023

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**TEST PARTICULARS**

Standard : ASTM - Mechanical Properties  
 Material : Aluminum  
 Specification : AL 6061 + B4C+CNT  
 Size : 100 mm X 100 mm Square Plate  
 Condition : Ratio 1 (AL 6061+5%B4C+5% CNT), Ratio 2 (AL 6061+15%B4C+15% CNT)

**TEST RESULTS**

Hardness Test:

Rockwell Hardness M/c Model No: TRS-DM M/c, SI.No:IS:1586 / 2281, BS:240,  
 ASTM - E -18, Test Height X Throat is 295 X 148 mm Calibration Up to :15-10-2023

Condition	Thickness mm	Load kgf	Dia of indenter (mm)	Dia of impression (mm)	Hardness value (HIN)
90-5-5	10	1000	10	4	76.25
	10	500	10	2.86	78.20
90-15-15	10	1000	10	3.5	50.32
	10	500	10	4.8	51.87

Grinding Parameters Test:OMAX Maxiem 1530 waterjet, Cutting envelope of 10' 0" x 5' 2" (3048 1575 mm), ±0.003" (±0.076 mm) linear position accuracy, L9 orthogonal array

Run No	Abrasive flow Rate(g/min)	Pressure (mpa)	Traverse speed (mm/min)
	240	275	90
	340	125	120
	440	200	60
	440	125	90
	340	275	60
	240	200	120
	240	125	60
	340	200	90
	440	275	120

This test report is verified by .....



*R. Anbarasan*  
**R. ANBARASAN**

*[Signature]*

This report relates only to the particular sample submitted for test. Any correction or modification to this report should be communicated in writing to the customer. Samples will be destroyed after 15 days from the date of issue of certificate of test results. This report is not to be used as evidence in a court of law and shall not be used in advertising Media without prior written permission. This report is verified in all case and is given as described by the customer. Samples

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EXPERIMENTAL INVESTIGATION AND FINITE  
ELEMENT ANALYSIS OF MECHANICAL  
PROPERTIES IN HYBRID MMC BY TWO  
WHEELER PISTON

A PROJECT REPORT

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## ABSTRACT

In recent years there has been a rapid increase in the utilization of aluminum hybrid metal matrix composites. However aluminum hybrid metal matrix composites are the most common MMC's and commercially available ones due to their economical production. Conventional materials like cast iron, steel, brass etc. will fail due to cracks initiation and propagation will takes place within a short span. To overcome this problem conventional materials are replaced by aluminum alloy materials due to their outstanding mechanical properties.

The use of advanced composite materials like Al / SiC / Cenosphere metal matrix composite is increases in various fields such as astronautics, aeronautics, high speed train fields and automobile industries.


Today aluminum alloy is generally used for mass produced pistons. Currently pistons for two strokes and four strokes internal combustion engines are exclusively manufactured out of metallic materials mostly aluminum alloys are used. Aluminum alloy pistons are used in petrol and diesel engine because they are much lighter than cast iron piston.

However aluminum metal matrix has a smaller rate of expansion than the aluminum and cast iron in which most pistons operate. Because of this aluminum metal matrix composite pistons were specially designed to control expansion and resist high combustion temperature.

To develop a cost effective and better performance piston by using aluminum-silicon based hybrid metal matrix composites reinforced with silicon carbide and cenosphere particulates. In the present investigation pure Al-12.5



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weight percentage Si alloy reinforced with 3 weight percentage of SiC with 5, 10 and 15 weight percentage of cenosphere particulates were casted by stir casting technique. It has been clearly proved that the ultimate tensile strength, compressive strength and hardness of the composite is increased and density of the composite is decreased with increasing the weight percentage of reinforcements.

In this work piston of an engine was modeled in CATIA and for precision results meshing was carried out in HYPER MESH and then analysis was done by using ANSYS. Here piston material was replaced by aluminum-12.5% silicon based composite material reinforced with 3% silicon carbide and 15% cenosphere and the performance of a piston is compared with the former materials like LM26 and AL4032.

The parameter like von misses stress, von misses strain and displacements were obtained. The analysis clearly shows that the piston with aluminum MMC has better results than the former materials. When compared to the conventional material the new material found to have less weight and more strength.



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## CHAPTER - 8 CONCLUSION

Based on the experimental observations and results the following conclusions have been drawn:

- > The stir casting method was successfully used to fabricate the Al-Si, Al-Si-SiC and Al-Si-SiC-Cenosphere of various concentrations of composites to make uniform distribution of the reinforced particles. Density of composites decreased with increase in weight percentage of reinforcements. Hence it was found that Al-Si-SiC- Cenosphere composites shows better result than the Al-Si and Al-Si-SiC composites.
- > It is found that that tensile strength starts increases with increase in weight fraction of reinforcements. The best tensile strength result has been obtained at 15% weight percentage of cenosphere and 3% weight percentage of Silicon Carbide.
- > The experimental results clearly show that compression strength of composites increased by increasing the weight fraction of reinforcements such SiC and Cenosphere.
- > It appears in this study that hardness of aluminum metal matrix composites was increased by increase in reinforcement contents.
- > The static structural analysis was carried out for aluminum-12.5% silicon based composite material reinforced with 3% silicon carbide and 15% cenosphere and the performance of a piston results are compared with the former materials like LM26 and AL4032.
- > The parameter like von mises stress, von mises strain and displacements were obtained. The analysis shows that the piston with aluminum MMC's have better results than the former materials. When compared to the conventional material the new material found to have



  
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**TEST REPORT**

Date: 18.05.2022

**TEST PARTICULARS**

- ASTM Mechanical Properties
- Aluminum Alloys Pallets
- Al+12.5%Si + SiC + Cenosphere
- 30X30X10 mm

**TEST RESULTS**

Test:

Brinell Hardness M/c Model No: TRS-DM M/c, SI.No:IS:1586 / 2281, BS:240,  
ASTM - E -10, Test Height X Throat is 295 X 148 mm Calibration Up to :15-10-2023

Sl. No	Various Composition	Hardness
01	Al+12.5%Si	64.8
02	Al+12.5%Si+3%SiC	72.4
03	Al+12.5%Si+3%SiC+5% Cenosphere	81.6
04	Al+12.5%Si+3%SiC+10% Cenosphere	89.2
05	Al+12.5%Si+3%SiC+15% Cenosphere	96.3

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01



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**DESIGN AND FABRICATION OF AUTOMATIC  
DRAINAGE CLEANING SYSTEM**

**A PROJECT REPORT**

*Submitted by*

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ELANGO S	-	420320114002
PHILOMINDASS G	-	420320114006
SURENDIRAN S	-	420320114010

*in partial fulfillment for the award of the degree of*

**BACHELOR OF ENGINEERING**

IN

**MECHANICAL ENGINEERING**


**A.R ENGINEERING COLLEGE, VILLUPURAM – 605 601**



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**MAY 2023**



  
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Certified that this project report "DESIGN AND FABRICATION OF AUTOMATIC DRAINAGE CLEANING SYSTEM" is the bonafide of ABINASH H (420320114001), ELANGO S (420320114002), PHILOMINDASS G (420320114006), SURENDIRAN S (420320114010) who carried out the project work under my supervision.



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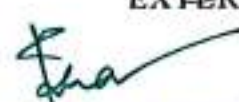
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## ABSTRACT

In this project the proposed concept is to replace the manual work in drainage cleaning by automated system. Now-a-days even though automation plays a vital role in all industrial applications in the proper disposal of sewages from industries and commercials are still a challenging task. Drainage pipes are using for the disposal and unfortunately sometimes there may be loss of human life while cleaning the blockages in the drainage pipes. To overcome this problem and to save human life we implement a design "Automatic Drain Cleaning System". we designed our project to use this in efficient way to control the disposal of wastages and with regular filtration of wastages, clearance of gaseous substance are treated separately and monitor the disposal in frequent manner.



  
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## CHAPTER-10

### CONCLUSION

#### CONCLUSION AND FUTURE SCOPE

##### CONCLUSION


The drain waste water cleaner machine is designed and manufactured by using gear changing and shaft coupling principle. It consist mainly DC geared motor, shafts, waste removal plates, dust bin, bearings, sprocket and chains .Construction materials are easily available ,creates employment (construction and maintenance),simple to construct.

##### FUTURE SCOPE

We gathered information and equipment required for the Automatic Drain cleaning system. Studied the construction and principle of ADCS(Automatic Drain cleaning system)

To Fabricate the ADCS and to test its working. We hope that this will be among the most versatile and interchangeable in cleaning system.



  
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DESIGN AND FABRICATION OF BEVEL GEAR  
OPERATION SCREW JACK FOR LIFTING  
OPERATION

PROJECT REPORT

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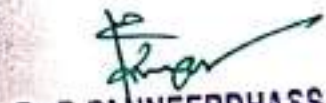
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## ABSTRACT

This project work titled "FABRICATION OF BEVEL GEAR OPERATED SCREW JACK FOR LIFTING OPERATION" has been conceived having studied the difficulty in lifting the any type of light vehicles. Our survey in the regard in several automobile garages, revealed the facts that mostly some difficult methods were adopted in lifting the vehicles for reconditioning. Now the project has mainly concentrated on this difficulty, and hence a suitable device has been designed. Such that the vehicle can be lifted from the floor land without application of any impact force.

The fabrication part of it has been considered with almost case for its simplicity and economy, such that this can be accommodated as one of the essential tools on automobile garages.




  
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## CHAPTER - 8

### CONCLUSION

After completing the project, conclude that our project is simple in construction and compact in size for use. Manufacturing of machine is easy and cost of the machine is less. In this research, a novel design for a lifting jack driven by a quick-return crank mechanism and gear drive has been designed and fabricated. The design equations for gear selection, gear drive ratios and mechanism forces have been derived from its geometry. Kinematic analysis has been performed. A design example has been given for illustrating the design process. The detailed working diagram has been explicitly explained equally. To verify the feasibility and accuracy, a prototype has been made, and then an experiment has been conducted.



  
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# DESIGN AND FABRICATION OF DOUBLE JAW VISE

A PROJECT REPORT

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## ABSTRACT

A vice has a pair of parallel, work-piece clamping jaw-members, which jaw-members are spaced laterally a part. The first jaw-member is a semi-rigid one, while the second jaw-member is completely slid able as an integral unit, and also allows for the two jaw-elements there of which it is comprised to be movable toward and away from each, whereby the second jaw-member may be used separately to hold a work piece, and may be used in conjunction with the first jaw-member for assisting the first jaw-member in firmly and safely clamping a work piece in order to provide a more stable holding of the work piece during the working there of. The second, floating jaw-member may be adjusted for holding the smaller-diameter portion of a long work piece, while the fixed jaw-member holds and clamps the larger diameter portion of the same work piece.

This invention relates to vises, and more particularly has reference to an improved bench vise of the double jaw type. Here to fore various forms of bench clamps have been devised for special purposes, but so far as I am aware, none have been of general application and embodied the improved features of the present invention




  
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## CHAPTER 6 CONCLUSION

The topic for our project is "The Double Jaw Vise". Our group have Three members and we all have equal participation in this project. With this coordination we can complete our work as perfect as possible. When we do this project we got a idea, how can we do a project.



  
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DESIGN AND FABRICATION OF RAILWAY  
TRACK POWER GENERATION SYSTEM

A PROJECT REPORT

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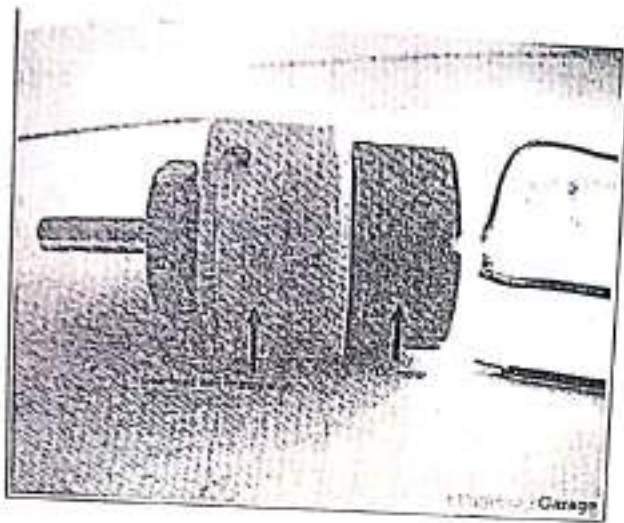
## ABSTRACT

Renewable source of energy has its own importance as it is important for sustainable development. It is important to establish some new techniques so that energy must be conserved. These new techniques should promote sustainable energy including renewable energy source to improve energy efficiency. This paper explains how to tap energy and led to the production of electricity. Generation of electricity through railway tracks is one of the most recent electricity generation concepts. In this system, as the train passes over railway tracks, a load occurs and the spring interconnected with metal track gets compressed. Due to this, a motion starts in rack and pinion mechanism and chain drive. This motion when passed through flywheel, rectifier and DC motor leads to the generation of electricity. This proposed system can result in heavy production of electricity and is a great renewable source of energy. For becoming materially rich and prosperous, a human being needs to consume more and more energy and this renewable source of energy is the best source of energy that we get in day to day life.



  
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## DIAGRAM




### • CONCLUSION

Generation of electricity by crank mechanism method in railway track is an alternate source of energy. It uses the load of train exerted to railway tracks to produce electricity. It converts mechanical form of energy into electrical energy. This proposed system is highly useful for coming generation of power in India. With one time installation of equipments, it will provide electrical energy for a long period of time in a very efficient manner and at very low cost. More the number of train passes over the system, more the generation of electricity.

In future, we can also generate electricity from vibrations on sleepers beneath the railway tracks with the proper usage of piezoelectric crystals. This can be used in nearby railway stations for working of various



  
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We are extremely satisfied with the candidate's performance and would like to wish them very success in their future endeavors.

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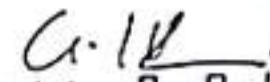


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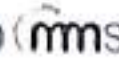
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This certificate is awarded to , for the **SUGUMAR.S** successful completion of Internship in Embedded systems at CodeBind Technologies, Chennai from 22d January 2024 to 3F January 2024.

During the course of the internship **14/02/2023 TO 24/02/2023** , exhibited an enthusiastic attitude for learning in addition to being quite industrious and dependable.

We are extremely satisfied with the candidate's performance and would like to wish them very success in their future endeavors.

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### CERTIFICATE OF INTERNSHIP

This certificate is awarded to , for the **SUNDAR'S** successful completion of Internship in Embedded systems at Codeblnd Technologies, Chennai from 22d January 2024 to 28 January 2024.

During the course of the internship 14/02/2023 TO 24/02/2023, exhibited an enthusiastic attitude for learning in addition to being quite industrious and dependable.

We are extremely satisfied with the candidate's performance and would like to wish them very success in their future endeavors.

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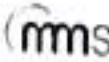


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### CERTIFICATE OF INTERNSHIP

This certificate is awarded to , for the **SYED NAMEER.N** successful completion of Internship in Embedded systems at CodeBind Technologies, Chennai from 22d January 2024 to 3F January 2024.

During the course of the internship **14/02/2023 TO 24/02/2023** , exhibited an enthusiastic attitude for learning in addition to being quite industrious and dependable.

We are extremely satisfied with the candidate's performance and would like to wish them very success in their future endeavors.

Training Co-ordinator

  
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### CERTIFICATE OF INTERNSHIP

This certificate is awarded to , for the **VENKATESH.T** successful completion of Internship in Embedded systems at CodeBind Technologies, Chennai from 22d January 2024 to 3F January 2024.

During the course of the internship **14/02/2023 TO 24/02/2023** , exhibited an enthusiastic attitude for learning in addition to being quite industrious and dependable.

We are extremely satisfied with the candidate's performance and would like to wish them very success in their future endeavors.

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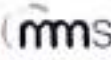


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### CERTIFICATE OF INTERNSHIP

This certificate is awarded to , for the **AKASK.M** successful completion of Internship in Embedded systems at CodeBind Technologies, Chennai from 22d January 2024 to 3F January 2024.

During the course of the internship **14/02/2023 TO 24/02/2023** , exhibited an enthusiastic attitude for learning in addition to being quite industrious and dependable.

We are extremely satisfied with the candidate's performance and would like to wish them very success in their future endeavors.

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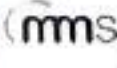
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## CERTIFICATE OF INTERNSHIP

This certificate is awarded to . for the **DIVAGAR.G** successful completion of Internship in Embedded systems at CodeBind Technologies, Chennai from 22d January 2024 to 3F January 2024.

During the course of the internship **14/02/2023 TO 24/02/2023** , exhibited an enthusiastic attitude for learning in addition to being quite industrious and dependable.

We are extremely satisfied with the candidate's performance and would like to wish them very success in their future endeavors.

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### CERTIFICATE OF INTERNSHIP

This certificate is awarded to . for the JAGADEESHWARAN.T successful completion of Internship in Embedded systems at CodeBind Technologies, Chennai from 22d January 2024 to 3F January 2024.

During the course of the internship 14/02/2023 TO 24/02/2023 . exhibited an enthusiastic attitude for learning in addition to being quite industrious and dependable.

We are extremely satisfied with the candidate's performance and would like to wish them very success in their future endeavors.

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This certificate is awarded to , for the **KANIMOZHIS** successful completion of Internship in Embedded systems at CodeBind Technologies, Chennai from 22d January 2024 to 3F January 2024.

During the course of the internship **14/02/2023 TO 24/02/2023** , exhibited an enthusiastic attitude for learning in addition to being quite industrious and dependable.

We are extremely satisfied with the candidate's performance and would like to wish them very success in their future endeavors.

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## CERTIFICATE OF INTERNSHIP

This certificate is awarded to . for the **KAVIPRIYA.S** successful completion of Internship in Embedded systems at CodeBind Technologies, Chennai from 22d January 2024 to 3F January 2024.

During the course of the internship **14/02/2023 TO 24/02/2023** . exhibited an enthusiastic attitude for learning in addition to being quite industrious and dependable.

We are extremely satisfied with the candidate's performance and would like to wish them very success in their future endeavors.

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### CERTIFICATE OF INTERNSHIP

This certificate is awarded to , for the **MADHAN.M** successful completion of Internship in Embedded systems at CodeBind Technologies, Chennai from 22d January 2024 to 3F January 2024.

During the course of the internship **14/02/2023 TO 24/02/2023** , exhibited an enthusiastic attitude for learning in addition to being quite industrious and dependable.

We are extremely satisfied with the candidate's performance and would like to wish them very success in their future endeavors.

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This certificate is awarded to , for the **MAGESHWARY.M** successful completion of Internship in Embedded systems at CodeBind Technologies, Chennai from 22d January 2024 to 3F January 2024.

During the course of the internship **14/02/2023 TO 24/02/2023** , exhibited an enthusiastic attitude for learning in addition to being quite industrious and dependable.

We are extremely satisfied with the candidate's performance and would like to wish them very success in their future endeavors.

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### CERTIFICATE OF INTERNSHIP

This certificate is awarded to , for the **MOHANA PRIYA**.A successful completion of Internship in Embedded systems at CodeBind Technologies, Chennai from 22d January 2024 to 3F January 2024.

During the course of the internship **14/02/2023 TO 24/02/2023** , exhibited an enthusiastic attitude for learning in addition to being quite industrious and dependable.

We are extremely satisfied with the candidate's performance and would like to wish them very success in their future endeavors.

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### CERTIFICATE OF INTERNSHIP

This certificate is awarded to , for the NITHIYANANDAN.D successful completion of Internship in Embedded systems at CodeBind Technologies, Chennai from 22d January 2024 to 3F January 2024.

During the course of the internship 14/02/2023 TO 24/02/2023 , exhibited an enthusiastic attitude for learning in addition to being quite industrious and dependable.

We are extremely satisfied with the candidate's performance and would like to wish them very success in their future endeavors.

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This certificate is awarded to , for the **RAMANA.N** successful completion of Internship in Embedded systems at CodeBind Technologies, Chennai from 22d January 2024 to 3F January 2024.

During the course of the internship **14/02/2023 TO 24/02/2023** , exhibited an enthusiastic attitude for learning in addition to being quite industrious and dependable.

We are extremely satisfied with the candidate's performance and would like to wish them very success in their future endeavors.

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## CERTIFICATE OF INTERNSHIP

This certificate is awarded to , for the REVATHI.S successful completion of Internship in Embedded systems at CodeBind Technologies, Chennai from 22d January 2024 to 3F January 2024.

During the course of the internship 14/02/2023 TO 24/02/2023 , exhibited an enthusiastic attitude for learning in addition to being quite industrious and dependable.

We are extremely satisfied with the candidate's performance and would like to wish them very success in their future endeavors.

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### CERTIFICATE OF INTERNSHIP

This certificate is awarded to , for the **SANGEETHA.P** successful completion of Internship in Embedded systems at CodeBind Technologies, Chennai from 22d January 2024 to 3F January 2024.

During the course of the internship **14/02/2023 TO 24/02/2023** , exhibited an enthusiastic attitude for learning in addition to being quite industrious and dependable.

We are extremely satisfied with the candidate's performance and would like to wish them very success in their future endeavors.

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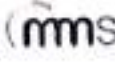
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### CERTIFICATE OF INTERNSHIP

This certificate is awarded to , for the SURYA.A successful completion of Internship in Embedded systems at CodeBind Technologies, Chennai from 22d January 2024 to 3F January 2024.

During the course of the internship 14/02/2023 TO 24/02/2023 , exhibited an enthusiastic attitude for learning in addition to being quite industrious and dependable.

We are extremely satisfied with the candidate's performance and would like to wish them very success in their future endeavors.

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### CERTIFICATE OF INTERNSHIP

This certificate is awarded to , for the **VIJAYA CHANDRAN.M** successful completion of Internship in Embedded systems at CodeBind Technologies, Chennai from 22d January 2024 to 3F January 2024.

During the course of the internship 14/02/2023 TO 24/02/2023 , exhibited an enthusiastic attitude for learning in addition to being quite industrious and dependable.

We are extremely satisfied with the candidate's performance and would like to wish them very success in their future endeavors.

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This certificate is awarded to , for the VISHWA.R successful completion of Internship in Embedded systems at CodeBind Technologies, Chennai from 22d January 2024 to 3F January 2024.

During the course of the internship 14/02/2023 TO 24/02/2023 , exhibited an enthusiastic attitude for learning in addition to being quite industrious and dependable.

We are extremely satisfied with the candidate's performance and would like to wish them very success in their future endeavors.

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This certificate is awarded to , for the YUVARAJ.S successful completion of Internship in Embedded systems at CodeBind Technologies, Chennai from 22d January 2024 to 3F January 2024.

During the course of the internship 14/02/2023 TO 24/02/2023, exhibited an enthusiastic attitude for learning in addition to being quite industrious and dependable.

We are extremely satisfied with the candidate's performance and would like to wish them very success in their future endeavors.

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### CERTIFICATE OF INTERNSHIP

This certificate is awarded to . for the **GUNALS** successful completion of Internship in Embedded systems at CodeBind Technologies, Chennai from 22d January 2024 to 3F January 2024.

During the course of the internship **14/02/2023 TO 24/02/2023**, exhibited an enthusiastic attitude for learning in addition to being quite industrious and dependable.

We are extremely satisfied with the candidate's performance and would like to wish them very success in their future endeavors.

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### CERTIFICATE OF INTERNSHIP

This certificate is awarded to . for the **THAMIZHSELVAN.M** successful completion of Internship in Embedded systems at CodeBind Technologies, Chennai from 22d January 2024 to 3F January 2024.

During the course of the internship **14/02/2023 TO 24/02/2023**, exhibited an enthusiastic attitude for learning in addition to being quite industrious and dependable.

We are extremely satisfied with the candidate's performance and would like to wish them very success in their future endeavors.

*C. V.*  
Training Co-ordinator



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This certificate is awarded to , for the **VISWESH.M** successful completion of Internship in Embedded systems at CodeBind Technologies, Chennai from 22d January 2024 to 3F January 2024.

During the course of the internship 14/02/2023 TO 24/02/2023, exhibited an enthusiastic attitude for learning in addition to being quite industrious and dependable.

We are extremely satisfied with the candidate's performance and would like to wish them very success in their future endeavors.

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This certificate is awarded to , for the DEEPIGA.M successful completion of Internship in Embedded systems at CodeBind Technologies, Chennai from 22d January 2024 to 3F January 2024.

During the course of the internship 14/02/2023 TO 24/02/2023, exhibited an enthusiastic attitude for learning in addition to being quite industrious and dependable.

We are extremely satisfied with the candidate's performance and would like to wish them very success in their future endeavors.

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### CERTIFICATE OF INTERNSHIP

This certificate is awarded to , for the **DHINESH.K** successful completion of Internship in Embedded systems at CodeBind Technologies, Chennai from 22d January 2024 to 3f January 2024.

During the course of the internship 14/02/2023 TO 24/02/2023, exhibited an enthusiastic attitude for learning in addition to being quite industrious and dependable.

We are extremely satisfied with the candidate's performance and would like to wish them very success in their future endeavors.

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### CERTIFICATE OF INTERNSHIP

This certificate is awarded to , for the **DILLIKUMAR.B** successful completion of Internship in Embedded systems at CodeBind Technologies, Chennai from 22d January 2024 to 3F January 2024.

During the course of the internship **14/02/2023 TO 24/02/2023**, exhibited an enthusiastic attitude for learning in addition to being quite industrious and dependable.

We are extremely satisfied with the candidate's performance and would like to wish them very success in their future endeavors.

  
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### CERTIFICATE OF INTERNSHIP

This certificate is awarded to , for the **ELAKKIYAK** successful completion of Internship in Embedded systems at CodeBind Technologies, Chennai from 22d January 2024 to 31 January 2024.

During the course of the internship **14/02/2023 TO 24/02/2023**, exhibited an enthusiastic attitude for learning in addition to being quite industrious and dependable.

We are extremely satisfied with the candidate's performance and would like to wish them very success in their future endeavors.

*C. V. K.*  
Training Co-ordinator



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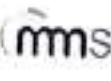


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This certificate is awarded to . for the **GAJA PRIYA.R** successful completion of Internship in Embedded systems at CodeBind Technologies, Chennai from 22d January 2024 to 3F January 2024.

During the course of the internship 14/02/2023 TO 24/02/2023, exhibited an enthusiastic attitude for learning in addition to being quite industrious and dependable.

We are extremely satisfied with the candidate's performance and would like to wish them very success in their future endeavors.

*[Signature]*

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This certificate is awarded to . for the GOKULD successful completion of Internship in Embedded systems at CodeBind Technologies, Chennai from 22d January 2024 to 3F January 2024.

During the course of the internship 14/02/2023 TO 24/02/2023, exhibited an enthusiastic attitude for learning in addition to being quite industrious and dependable.

We are extremely satisfied with the candidate's performance and would like to wish them very success in their future endeavors.

*C. V.*  
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### CERTIFICATE OF INTERNSHIP

This certificate is awarded to , for the **HARISH.U** successful completion of Internship in Embedded systems at CodeBind Technologies, Chennai from 22d January 2024 to 3F January 2024.

During the course of the internship **14/02/2023 TO 24/02/2023**, exhibited an enthusiastic attitude for learning in addition to being quite industrious and dependable.

We are extremely satisfied with the candidate's performance and would like to wish them very success in their future endeavors.

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### CERTIFICATE OF INTERNSHIP

This certificate is awarded to . for the IYYAPPAN.V successful completion of Internship in Embedded systems at CodeBind Technologies, Chennai from 22d January 2024 to 3F January 2024.

During the course of the internship 14/02/2023 TO 24/02/2023, exhibited an enthusiastic attitude for learning in addition to being quite industrious and dependable.

We are extremely satisfied with the candidate's performance and would like to wish them very success in their future endeavors.

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This certificate is awarded to . for the **KALIYARSI.R** successful completion of Internship in Embedded systems at CodeBind Technologies, Chennai from 22d January 2024 to 3F January 2024.

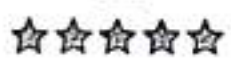
During the course of the internship **14/02/2023 TO 24/02/2023**, exhibited an enthusiastic attitude for learning in addition to being quite industrious and dependable.

We are extremely satisfied with the candidate's performance and would like to wish them very success in their future endeavors.

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### CERTIFICATE OF INTERNSHIP

This certificate is awarded to , for the **MADHUMITHA.P** successful completion of Internship in Embedded systems at CodeBind Technologies, Chennai from 22d January 2024 to 3F January 2024.

During the course of the internship **14/02/2023 TO 24/02/2023**, exhibited an enthusiastic attitude for learning in addition to being quite industrious and dependable.

We are extremely satisfied with the candidate's performance and would like to wish them very success in their future endeavors.

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### CERTIFICATE OF INTERNSHIP

This certificate is awarded to , for the MAHA DEVAN.D successful completion of Internship in Embedded systems at CodeBind Technologies, Chennai from 22d January 2024 to 3F January 2024.

During the course of the internship 14/02/2023 TO 24/02/2023, exhibited an enthusiastic attitude for learning in addition to being quite industrious and dependable.

We are extremely satisfied with the candidate's performance and would like to wish them very success in their future endeavors.

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This certificate is awarded to , for the **MOHANRAJ.P** successful completion of Internship in Embedded systems at CodeBind Technologies, Chennai from 22d January 2024 to 3F January 2024.

During the course of the internship **14/02/2023 TO 24/02/2023**, exhibited an enthusiastic attitude for learning in addition to being quite industrious and dependable.

We are extremely satisfied with the candidate's performance and would like to wish them very success in their future endeavors.

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This certificate is awarded to , for the **NITHIKAS** successful completion of Internship in Embedded systems at CodeBind Technologies, Chennai from 22d January 2024 to 3F January 2024.

During the course of the internship **14/02/2023 TO 24/02/2023**, exhibited an enthusiastic attitude for learning in addition to being quite industrious and dependable.

We are extremely satisfied with the candidate's performance and would like to wish them very success in their future endeavors.

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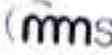
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This certificate is awarded to , for the PRITHISHA.T successful completion of Internship in Embedded systems at CodeBind Technologies, Chennai from 22d January 2024 to 3F January 2024.

During the course of the internship 14/02/2023 TO 24/02/2023, exhibited an enthusiastic attitude for learning in addition to being quite industrious and dependable.

We are extremely satisfied with the candidate's performance and would like to wish them very success in their future endeavors.

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This certificate is awarded to , for the **PRIYADHARSHINI.S** successful completion of Internship in Embedded systems at CodeBind Technologies, Chennai from 22d January 2024 to 3F January 2024.

During the course of the internship **14/02/2023 TO 24/02/2023**, exhibited an enthusiastic attitude for learning in addition to being quite industrious and dependable.

We are extremely satisfied with the candidate's performance and would like to wish them very success in their future endeavors.

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## CERTIFICATE OF INTERNSHIP

This certificate is awarded to , for the **PURUSHOTHAMAN.M** successful completion of Internship in Embedded systems at CodeBind Technologies, Chennai from 22d January 2024 to 3F January 2024.

During the course of the internship **14/02/2023 TO 24/02/2023**, exhibited an enthusiastic attitude for learning in addition to being quite industrious and dependable.

We are extremely satisfied with the candidate's performance and would like to wish them very success in their future endeavors.

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### CERTIFICATE OF INTERNSHIP

This certificate is awarded to , for the **RAMESH KUMAR.R** successful completion of Internship in Embedded systems at CodeBind Technologies, Chennai from 22d January 2024 to 3F January 2024.

During the course of the internship **14/02/2023 TO 24/02/2023**, exhibited an enthusiastic attitude for learning in addition to being quite industrious and dependable.

We are extremely satisfied with the candidate's performance and would like to wish them very success in their future endeavors.

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### CERTIFICATE OF INTERNSHIP

This certificate is awarded to . for the **SATHISH.E** successful completion of Internship in Embedded systems at CodeBind Technologies, Chennai from 22d January 2024 to 3F January 2024.

During the course of the internship **14/02/2023 TO 24/02/2023**, exhibited an enthusiastic attitude for learning in addition to being quite industrious and dependable.

We are extremely satisfied with the candidate's performance and would like to wish them very success in their future endeavors.

*C. K.*

Training Co-ordinator



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This certificate is awarded to , for the **SIVANESHWAR.E** successful completion of Internship in Embedded systems at CodeBind Technologies, Chennai from 22d January 2024 to 31 January 2024.

During the course of the internship **14/02/2023 TO 24/02/2023**, exhibited an enthusiastic attitude for learning in addition to being quite industrious and dependable.

We are extremely satisfied with the candidate's performance and would like to wish them very success in their future endeavors.

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### CERTIFICATE OF INTERNSHIP

This certificate is awarded to , for the **SURENDAR.G** successful completion of Internship in Embedded systems at CodeBind Technologies, Chennai from 22d January 2024 to 3F January 2024.

During the course of the internship **14/02/2023 TO 24/02/2023** , exhibited an enthusiastic attitude for learning in addition to being quite industrious and dependable.

We are extremely satisfied with the candidate's performance and would like to wish them very success in their future endeavors.

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This certificate is awarded to , for the **VAITHEESHWAR.E** successful completion of Internship in Embedded systems at CodeBind Technologies, Chennai from 22d January 2024 to 3F January 2024.

During the course of the internship **14/02/2023 TO 24/02/2023**, exhibited an enthusiastic attitude for learning in addition to being quite industrious and dependable.

We are extremely satisfied with the candidate's performance and would like to wish them very success in their future endeavors.

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### CERTIFICATE OF INTERNSHIP

This certificate is awarded to . for the **VENKATARAMANA.T** successful completion of Internship in Embedded systems at CodeBind Technologies, Chennai from 22d January 2024 to 3F January 2024.

During the course of the internship **14/02/2023 TO 24/02/2023**, exhibited an enthusiastic attitude for learning in addition to being quite industrious and dependable.

We are extremely satisfied with the candidate's performance and would like to wish them very success in their future endeavors.

*[Signature]*  
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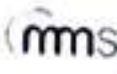
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## CERTIFICATE OF INTERNSHIP

This certificate is awarded to . for the **VIGNESH.I** successful completion of Internship in Embedded systems at CodeBind Technologies, Chennai from 22d January 2024 to 3F January 2024.

During the course of the internship 14/02/2023 TO 24/02/2023, exhibited an enthusiastic attitude for learning in addition to being quite industrious and dependable.


We are extremely satisfied with the candidate's performance and would like to wish them very success in their future endeavors.

  
Training Co-ordinator



  
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## CERTIFICATE OF INTERNSHIP

This certificate is awarded to, for the **JAYAMUGILAN.M** successful completion of Internship in Embedded systems at CodeBind Technologies, Chennai from 22d January 2024 to 3F January 2024.

During the course of the internship **14/02/2023 TO 24/02/2023**, exhibited an enthusiastic attitude for learning in addition to being quite industrious and dependable.

We are extremely satisfied with the candidate's performance and would like to wish them very success in their future endeavors.

Training Co-ordinator

  
Issuing Authority  
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TES - MOBILITY at Bangalore under the guidance of Mr. P. B Kotur from 8th February 2023 to 11th April 2023 for academic requirements of her graduation. We have observed that your work was satisfactory and we appreciate your sincere learning. You have completed the project with energy and enthusiasm.

We wish you all the best for all your future endeavors. This letter is issued based on your request.

Yours sincerely,  
For Wipro Limited

Rajeev Kumar  
Global Head - Campus Hiring



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This is to certify that SRIEDEVIS Trainee student of "Nitte Meenakshi Institute Of Technology" has completed the project entitled PROJECT READINESS PROGRAM BAS

TES - MOBILITY at Bangalore under the guidance of Mr. P. B Kotur from 8th February 2023 to 11th April 2023 for academic requirements of her graduation. We have observed that your work was satisfactory and we appreciate your sincere learning. You have completed the project with energy and enthusiasm.

We wish you all the best for all your future endeavors. This letter is issued based on your request.

Yours sincerely,  
For Wipro Limited

Rajeev Kumar  
Global Head - Campus Hiring



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This is to certify that SUGANTHI P Trainee student of "Nitte Meenakshi Institute Of Technology" has completed the project entitled PROJECT READINESS PROGRAM BAS

TES - MOBILITY at Bangalore under the guidance of Mr. P. B Kotur from 8th February 2023 to 11th April 2023 for academic requirements of her graduation. We have observed that your work was satisfactory and we appreciate your sincere learning. You have completed the project with energy and enthusiasm.

We wish you all the best for all your future endeavors. This letter is issued based on your request.

Yours sincerely,  
For Wipro Limited

Rajeev Kumar  
Global Head - Campus Hiring



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This is to certify that ARIRAJ H Trainee student of "Nitte Meenakshi Institute Of Technology" has completed the project entitled PROJECT READINESS PROGRAM BAS

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We wish you all the best for all your future endeavors. This letter is issued based on your request.

Yours sincerely,  
For Wipro Limited

Rajeev Kumar  
Global Head - Campus Hiring



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For Wipro Limited

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We wish you all the best for all your future endeavors. This letter is issued based on your request.

Yours sincerely,  
For Wipro Limited

Rajeev Kumar  
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## INTERSHIP CERTIFICATE

This is to certify that GANAPATHY I Trainee student of "Nitte Meenakshi Institute Of Technology" has completed the project entitled PROJECT READINESS PROGRAM BAS

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We wish you all the best for all your future endeavors. This letter is issued based on your request.

Yours sincerely,  
For Wipro Limited

Rajeev Kumar  
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## INTERSHIP CERTIFICATE

This is to certify that NANDAHAKUMAR N Trainee student of "Nitte Meenakshi Institute Of Technology" has completed the project entitled PROJECT READINESS PROGRAM BAS

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For Wipro Limited

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Program Head

**Dr. R. PANNEERDHASS, M.E., Ph.D.,**  
PRINCIPAL

A.R. ENGINEERING COLLEGE  
YADAKUCHIPALAYAM,  
KAPPIYAMPULIYUR POST,  
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This certificate is proudly presented to

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for attending

Data Science and Machine Learning Internship Program

Demo Session organized by Edureka

**27th Feb 2023**

Date

*Debidutta M*

Program Head



*Dr. P. Manjinderhass*

Dr. P. MANJINDERHASS, M.E., Ph.D.

PRINCIPAL

A.M. ENGINEERING COLLEGE

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KAPPIYAMPULIYUR POST,  
VILLUPURAM-605 001

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27th Feb 2023

Date



*Debidutta M*

Program Head

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Date

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Program Head **Dr. R. PANNEERDHASS, M.E., Ph.D.**  
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27<sup>th</sup> Feb 2023

Date



*Debidutta M*

Program Head

*Dr. R. P. ANNEERDHASS, M.E., Ph.D.*  
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VADAKUCHIPALAYAM,  
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**27th Feb 2023**

Date

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Program Head  
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**Manisha. D**

for attending

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27<sup>th</sup> Feb 2023

Date



*Debidutta M. Ghosh*

Principal  
Dr. R. PANNEERDHASS, M.E., Ph.D.,

PRINCIPAL

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VADA KUCHIPALAYAM,

K. P. P. CAMPULIYUR POST,

VILLUPURAM-605 501.



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# CERTIFICATE OF ATTENDANCE

This certificate is proudly presented to

**Vijalakshmi. D**

for attending

Data Science and Machine Learning Internship Program

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**27th Feb 2023**

Date

*Debidutta M*

Program Head



*Dr. R. M. Neerdhass*  
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VILLUPURAM-605 601.



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Phone: 04132641905/04132641095

0413 2641906

INTERNSHIP CERTIFICATE

This is to certify that E. AJITH, second year BE student in the department of Management Studies, from Puducherry Technological University (PEC), Puducherry has undergone Summer Internship Training in our factory from 02.05.2023 to 31.05.2023.

Her performance was Very Good during the Internship period in our factory premises.

We wish her all success in her future endeavors.

For Lucas — TVS Limited,

*M. Arunkumar*  
27/05/2023

M. Arunkumar

Head - Human Resource



*[Signature]*

Dr. R. PANNEERDHASS, M.E., Ph.D.,

PRINCIPAL

A.R. ENGINEERING COLLEGE

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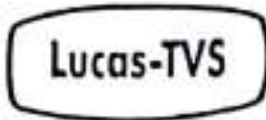
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0413 2641906

INTERNSHIP CERTIFICATE

This is to certify that M. BOSE, second year BE student in the department of Management Studies, from Puducherry Technological University (PEC), Puducherry has undergone Summer Internship Training in our factory from 02.05.2023 to 31.05.2023.

Her performance was Very Good during the Internship period in our factory premises.

We wish her all success in her future endeavors.

For Lucas — TVS Limited,

*M. Arunkumar*  
24/05/2023

M. Arunkumar

Head - Human Resource



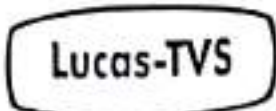
*[Signature]*

Dr. R. PANNEERDHASS, M.E., Ph.D.,  
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0413 2641906

**INTERNSHIP CERTIFICATE**

This is to certify that S. CHANDRU, second year BE student in the department of Management Studies, from Puducherry Technological University (PEC), Puducherry has undergone Summer Internship Training in our factory from 02.05.2023 to 31.05.2023.

Her performance was Very Good during the Internship period in our factory premises.

We wish her all success in her future endeavors.

For Lucas — TVS Limited,

*M. Arunkumar*  
24/05/2023

M. Arunkumar

Head - Human Resource

*[Signature]*



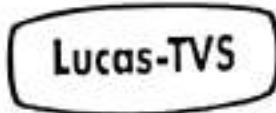
**D. R. PANNEERDHASS, M.E., Ph.D.**

Principal

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Fax: +91-44-28460091  
Email: [panneerdhass@anna.edu](mailto:panneerdhass@anna.edu)







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**INTERNSHIP CERTIFICATE**

This is to certify that T. DHANRAJ, second year BE student in the department of Management Studies, from Puducherry Technological University (PEC), Puducherry has undergone Summer Internship Training in our factory from 02.05.2023 to 31.05.2023.

Her performance was Very Good during the Internship period in our factory premises.

We wish her all success in her future endeavors.

For Lucas — TVS Limited,

*M. Arunkumar*  
24/05/2023

M. Arunkumar

Head - Human Resource

*[Signature]*

**Dr. R. PANNEERDHASS, M.E., Ph.D.,  
PRINCIPAL**

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### INTERNSHIP CERTIFICATE

This is to certify that G. KARUNAKARAN, second year BE student in the department of Management Studies, from Puducherry Technological University (PEC), Puducherry has undergone Summer Internship Training in our factory from 02.05.2023 to 31.05.2023.

Her performance was Very Good during the Internship period in our factory premises.

We wish her all success in her future endeavors.

For Lucas — TVS Limited,

*M. Arunkumar*  
21/05/2023

M. Arunkumar

Head - Human Resource



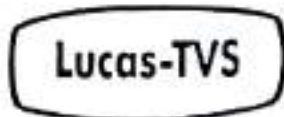
*[Signature]*  
Dr. R. PANNEERDHASS, M.E., Ph.D.,  
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**INTERNSHIP CERTIFICATE**

This is to certify that M. MUTHUBALAN, second year BE student in the department of Management Studies, from Puducherry Technological University (PEC), Puducherry has undergone Summer Internship Training in our factory from 02.05.2023 to 31.05.2023.

Her performance was Very Good during the Internship period in our factory premises.

We wish her all success in her future endeavors.

For Lucas — TVS Limited,

*M. Arunkumar*  
27/05/2023

M. Arunkumar

Head - Human Resource



*[Signature]*

Dr. R. PANNEERDHASS, M.E., Ph.D.,  
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**INTERNSHIP CERTIFICATE**

This is to certify that R. NAVEEN, second year BE student in the department of Management Studies, from Puducherry Technological University (PEC), Puducherry has undergone Summer Internship Training in our factory from 02.05.2023 to 31.05.2023.

Her performance was Very Good during the Internship period in our factory premises.

We wish her all success in her future endeavors.

For Lucas — TVS Limited,

*M. Arunkumar*  
21/05/2023

M. Arunkumar

Head - Human Resource



*Dr. R. Panneerdhass*

Dr. R. PANNEERDHASS, M.E., Ph.D.,  
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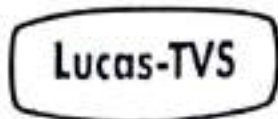
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0413 2641906

**INTERNSHIP CERTIFICATE**

This is to certify that V. PARAMASIVAM, second year BE student in the department of Management Studies, from Puducherry Technological University (PEC), Puducherry has undergone Summer Internship Training in our factory from 02.05.2023 to 31.05.2023.

Her performance was Very Good during the Internship period in our factory premises.

We wish her all success in her future endeavors.

For Lucas — TVS Limited,

*M. Arunkumar*  
24/05/2023

M. Arunkumar

Head - Human Resource



*[Signature]*  
Dr. R. PANNEERDHASS, M.E., Ph.D.,  
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KAPPIYAMPULIYUR POST,  
VILLUPURAM-605 601.

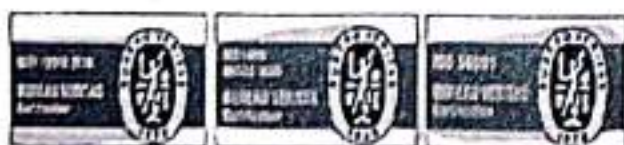
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 0413 2641906

**INTERNSHIP CERTIFICATE**

This is to certify that P. PRAVEEN, second year BE student in the department of Management Studies, from Puducherry Technological University (PEC), Puducherry has undergone Summer Internship Training in our factory from 02.05.2023 to 31.05.2023.

Her performance was Very Good during the Internship period in our factory premises.

We wish her all success in her future endeavors.

For Lucas — TVS Limited,

*M. Arunkumar*  
 24/05/2023  
 M. Arunkumar  
 Head - Human Resource

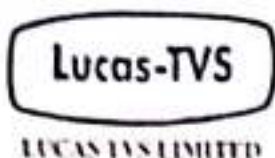


*Dr. R. Panneerdhass*  
 Dr. R. PANNEERDHASS, M.E., Ph.D.,  
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Phone: 04132641905 04132641095

0413 2641906

**INTERNSHIP CERTIFICATE**

This is to certify that K. SENTHILRAJA, second year BE student in the department of Management Studies, from Paducherry Technological University (PEC), Paducherry has undergone Summer Internship Training in our factory from 02.05.2023 to 31.05.2023.

Her performance was Very Good during the Internship period in our factory premises.

We wish her all success in her future endeavors.

For Lucas — TVS Limited,

*M. Arankumar*  
24/05/2023

M. Arankumar

Head - Human Resource



*[Signature]*

Dr. R. PANNEERDHASS, M.E., PH.D.,  
PRINCIPAL

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KAPPIYAMPULIYUR POST,

VILLUPURAM - 605 601,  
Kapp. & P. Taluk, Karaikal District, TN, India

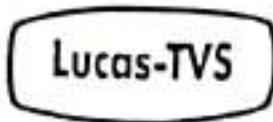
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Phone: 04132641905/04132641095

0413 2641906

**INTERNSHIP CERTIFICATE**

This is to certify that C. SIVALINGAM, second year BE student in the department of Management Studies, from Puducherry Technological University (PEC), Puducherry has undergone Summer Internship Training in our factory from 02.05.2023 to 31.05.2023.

Her performance was Very Good during the Internship period in our factory premises.

We wish her all success in her future endeavors.

For Lucas — TVS Limited,

*M. Arunkumar*  
24/05/2023

M. Arunkumar

Head - Human Resource



*[Signature]*

Dr. R. PANNEERDHASS, M.E., Ph.D.,  
PRINCIPAL

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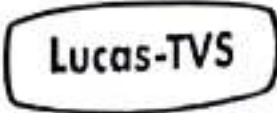
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Phone: 04132641905/04132641095

0413 2641906

**INTERNSHIP CERTIFICATE**

This is to certify that S. UDHAYAKUMAR, second year BE student in the department of Management Studies, from Puducherry Technological University (PEC), Puducherry has undergone Summer Internship Training in our factory from 02.05.2023 to 31.05.2023.

Her performance was Very Good during the Internship period in our factory premises.

We wish her all success in her future endeavors.

For Lucas — TVS Limited,

*M. Arunkumar*  
27/05/2023

M. Arunkumar

Head - Human Resource



*Dr. R. Panneerdhass*

Dr. R. PANNEERDHASS, M.E., Ph D.,

PRINCIPAL

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0413 2641906

### INTERNSHIP CERTIFICATE

This is to certify that E. VIGNESH, second year BE student in the department of Management Studies, from Puducherry Technological University (PEC), Puducherry has undergone Summer Internship Training in our factory from 02.05.2023 to 31.05.2023.

Her performance was Very Good during the Internship period in our factory premises.

We wish her all success in her future endeavors.

For Lucas — TVS Limited,

M. Arunkumar

Head - Human Resource



Dr. R. PANNEERDHASS, M.E. Ph.D.

PRINCIPAL

A.R. ENGINEERING COLLEGE

VADAKUCHIPALAYAM,

KAPPIYAMPULIYUR POST,

VILLUPURAM-605 601.



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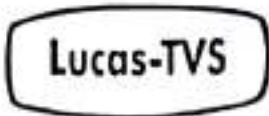
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0413 2641906

INTERNSHIP CERTIFICATE

This is to certify that C. CHANDRU, second year BE student in the department of Management Studies, from Puducherry Technological University (PEC), Puducherry has undergone Summer Internship Training in our factory from 02.05.2023 to 31.05.2023.

Her performance was Very Good during the Internship period in our factory premises.

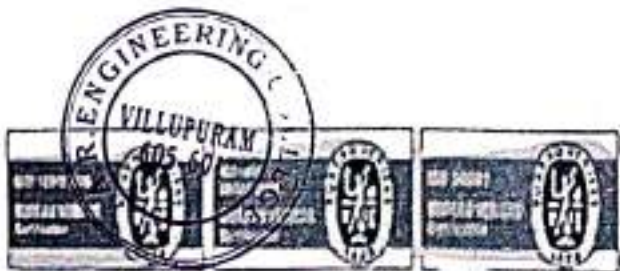
We wish her all success in her future endeavors.

For Lucas — TVS Limited,

*M. Arunkumar*  
27/05/2023

M. Arunkumar

Head - Human Resource



*Dr. R. Panneerdhass*

Dr. R. PANNEERDHASS, M.E., Ph.D.  
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0413 2641906

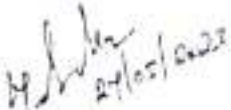
**INTERNSHIP CERTIFICATE**

This is to certify that V. DILIPRAJ, second year BE student in the department of Management Studies, from Puducherry Technological University (PEC), Puducherry has undergone Summer Internship Training in our factory from 02.05.2023 to 31.05.2023.

Her performance was Very Good during the Internship period in our factory premises.

We wish her all success in her future endeavors.

For Lucas — TVS Limited,

  
M. Arunkumar  
Head - Human Resource





Dr. R. PANNEERDHASS, M.E., Ph.D.,  
PRINCIPAL  
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Fax: +91-44-28460631 Web: www.lucas-tvs.com  
Ema: ltvscorp@lucastvs.co.in





LUCAS TVS LIMITED

CIN: U35999TN191PLC004678

Factory: 10, Kothapurinatham Main Road,

Mannadipet Commune, Thiruvandarkoil,

Puducherry - 605 102. Mia.

Phone: 04132641905/04132641095

0413 2641906

**INTERNSHIP CERTIFICATE**

This is to certify that R. DINESH, second year BE student in the department of Management Studies, from Puducherry Technological University (PEC), Puducherry has undergone Summer Internship Training in our factory from 02.05.2023 to 31.05.2023.

Her performance was Very Good during the Internship period in our factory premises.

We wish her all success in her future endeavors.

For Lucas — TVS Limited,

M. Arunkumar

Head - Human Resource

Dr. R. PANNEERDHASS, M.E., Ph.D.,  
PRINCIPAL

A.R. ENGINEERING COLLEGE  
VADAKUCHIPALAYAM,

KAPPIYAMPULIYUR POST,  
VILLUPURAM-605 601.

Rep. & Corp. Office.

11 & 13, Pambalos Road, Chennai-600002, TN, India

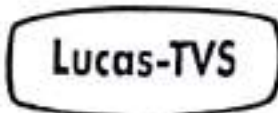
Tel: +91-44-28460063 / 28460073

Fax: +91-44-28460631 Web: www.lucas-tvs.com

Ema: ltvscorp@lucastvs.co.in







LUCAS TVS LIMITED

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Factory: 10, Kothapurinatham Main Road,

Mannadipet Commune, Thiruvandarkoil,

Puducherry - 605 102. Min.

Phone: 04132641905/04132641095

0413 2641906

**INTERNSHIP CERTIFICATE**

This is to certify that M. SRIDHAR, second year BE student in the department of Management Studies, from Puducherry Technological University (PEC), Puducherry has undergone Summer Internship Training in our factory from 02.05.2023 to 31.05.2023.

Her performance was Very Good during the Internship period in our factory premises.

We wish her all success in her future endeavors.

For Lucas — TVS Limited,

*M. Arunkumar*  
24/05/2023

M. Arunkumar

Head - Human Resource



*[Signature]*

Dr. R. PANNEERDHASS, M.E., Ph.D.,  
PRINCIPAL

A.R. ENGINEERING COLLEGE  
VADAKUCHIPALAYAM,

Kgd. & VADAKUCHIPALAYAM,

11 & 13, Panallos Road, ARRIYALUR POST,

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Email: [hr@lucastvs.co.in](mailto:hr@lucastvs.co.in)





CIN: U35999TN19PLC004678  
Factory: 10, Kothapurinatham Main Road,  
Mannadiyettu Commune, Thiruvandarkoil,  
Puducherry - 605 102. Mia.  
Phone: 04132641905/04132641095  
0413 2641906

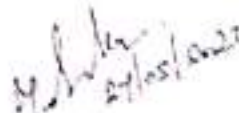
**INTERNSHIP CERTIFICATE**

This is to certify that K. VASANTHAVEL, second year BE student in the department of Management Studies, from Puducherry Technological University (PEC), Puducherry has undergone Summer Internship Training in our factory from 02.05.2023 to 31.05.2023.

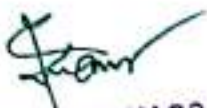
Her performance was Very Good during the Internship period in our factory premises.

We wish her all success in her future endeavors.

For Lucas — TVS Limited,

  
M. Arunkumar  
Head - Human Resource



  
Dr. R. PANNEERDHASS, M.E., PH.D.,  
PRINCIPAL  
A.R. ENGINEERING COLLEGE  
VADAKUCHIPALAYAM,  
KAPPIYAMPULIYUR POST,  
VILLUPURAM-605 601.  
Kept. & Corp. Office.



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Fax: +91-44-28460631 Web: www.lucas-tvs.com  
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CIN: U35999TN19IPLC004678  
Factory: 10, Kothapurinatham Main Road,  
Mannadipet Commune, Thiruvandarkoil,  
Puducherry - 605 102. Mia.  
Phone: 04132641905/04132641095  
0413 2641906

**INTERNSHIP CERTIFICATE**

This is to certify that S. VINOTHKUMAR, second year BE student in the department of Management Studies, from Puducherry Technological University (PEC), Puducherry has undergone Summer Internship Training in our factory from 02.05.2023 to 31.05.2023.

Her performance was Very Good during the Internship period in our factory premises.

We wish her all success in her future endeavors.

For Lucas — TVS Limited,

*M. Arunkumar*  
27/05/2023  
M. Arunkumar  
Head - Human Resource



*R. Panneerdhass*  
Dr. R. PANNEERDHASS, M.E., Ph.D.,  
PRINCIPAL  
A.R. ENGINEERING COLLEGE  
VADAKUCHIPALAYAM,  
KAPPIYAMPULIYUR POST,  
VILLUPURAM-605 601  
Hq. & Corp. Office.



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Fax: +91-44-28460631 Web: www.lucas-tvs.com  
Email: ltvscorp@lucastvs.co.in







LUCAS TVS LIMITED

CIN: U35999TN19IPLC004678

Factory: 10, Kothapurinatham Main Road,

Mannadipet Commune, Thiruvandarkoil,

Puducherry - 605 102. Mia.

Phone: 04132641905/04132641095

0413 2641906

**INTERNSHIP CERTIFICATE**

This is to certify that M. YUVARAJ, second year BE student in the department of Management Studies, from Puducherry Technological University (PEC), Puducherry has undergone Summer Internship Training in our factory from 02.05.2023 to 31.05.2023.

Her performance was Very Good during the Internship period in our factory premises.

We wish her all success in her future endeavors.

For Lucas — TVS Limited,

*M. Arunkumar*  
24/05/2023

M. Arunkumar

Head - Human Resource



*R. Panneerdhass*

Dr. R. PANNEERDHASS, M.E., Ph.D.,  
PRINCIPAL

A.R. ENGINEERING COLLEGE  
VADAKUCHIPALAYAM,  
KAPPIYAMPULIYUR POST,  
VILLUPURAM 605 601.

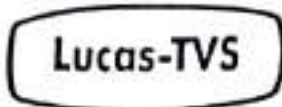
11&13, Panallos Road, Chennai-600002, TN, India

Tel: +91-44-28460063 / 28460073

Fax: +91-44-28460631 Web: www.lucas-tvs.com

Email: ltvscorp@lucastvs.co.in





LUCAS TVS LIMITED

CIN: U35999TN1991PLC004678

Factory: 10, Kothaparinatham Main Road,

Mannadipet Commune, Thiruvandarkoil,

Puducherry - 605 102. Mia

Phone: 04132641905/04132641095

0413 2641906

**INTERNSHIP CERTIFICATE**

This is to certify that R. PUNNIYANATHAN, second year BE student in the department of Management Studies, from Puducherry Technological University (PEC), Puducherry has undergone Summer Internship Training in our factory from 02.05.2023 to 31.05.2023.

Her performance was Very Good during the Internship period in our factory premises.

We wish her all success in her future endeavors.

For Lucas — TVS Limited,

M. Arunkumar

Head - Human Resource



Dr. R. PANNEERDHASS, M.E., Ph.D.,  
PRINCIPAL

A.R. ENGINEERING COLLEGE  
VADAKUCHIPALAYAM,

KARLIYAMPULIYUR POST,  
VILLUPURAM - 605 602

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Fax: +91-44-28460631 Web: www.lucas-tvs.com

Email: ltvscorp@lucastvs.co.in





CIN: U35999TN1%1PLC004678

Factory: 10, Kothapurinatham Main Road,  
Mannadipet Commune, Thiruvandarkoil,  
Puducherry - 605 102. Mia.

Phone: 04132641905/04132641095  
0413 2641906

**INTERNSHIP CERTIFICATE**

This is to certify that V. RAJESH, second year BE student in the department of Management Studies, from Puducherry Technological University (PEC), Puducherry has undergone Summer Internship Training in our factory from 02.05.2023 to 31.05.2023.

Her performance was Very Good during the Internship period in our factory premises.

We wish her all success in her future endeavors.

For Lucas — TVS Limited,

M. Arunkumar  
Head - Human Resource



Dr. R. PANNEERDHASS, M.E., Ph D.,  
PRINCIPAL  
A.R. ENGINEERING COLLEGE  
VADAKUCHIPALAYAM,  
KAPPIYAMPULIYUR POST,  
VILLUPURAM - 605 601.

11 & 13, Panullos Road, Chennai - 600002, TN, India  
Tel: +91-44-28460063 / 28460073  
Fax: +91-44-28460631 Web: www.lucas-tvs.com  
Email: lvs.corp@lucastvs.co.in







CIN: U35999TN191PLC004678  
Factory: 10, Kothapurinatham Main Road,  
Mannadipet Commune, Thiruvandarkoil,  
Puducherry - 605 102, Mia.  
Phone: 04132641905/04132641095  
0413 2641906

**INTERNSHIP CERTIFICATE**

This is to certify that S. SANTHOSH, second year BE student in the department of Management Studies, from Puducherry Technological University (PEC), Puducherry has undergone Summer Internship Training in our factory from 02.05.2023 to 31.05.2023.

Her performance was Very Good during the Internship period in our factory premises.

We wish her all success in her future endeavors.

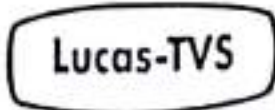
For Lucas — TVS Limited,

*M. Arunkumar*  
24/05/2023  
M. Arunkumar  
Head - Human Resource



*[Signature]*  
Dr. R. PANNEERDHASS, M.E., Ph.D.,  
PRINCIPAL  
A.R. ENGINEERING COLLEGE  
VADAKUCHIPALAYAM,  
KARIYAMPULIYUR POST,  
VILLUPURAM - 605 601.  
11 & 13, Pambalos Road,  
Tel: +91-44-28460063 / 28460073  
Fax: +91-44-28460631 Web: www.lucas-tvs.com  
Email: ltvscorp@lucastvs.co.in





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CIN: U35999TN1541PLC004678

Factory: 10, Kothapurinatham Main Road,  
Mannadipet Commune, Thiruvandarkoil,  
Puducherry - 605 102. Mia.

Phone: 04132641905/04132641095

0413 2641906

INTERNSHIP CERTIFICATE

This is to certify that J. SURIYA, second year BE student in the department of Management Studies, from Puducherry Technological University (PEC), Puducherry has undergone Summer Internship Training in our factory from 02.05.2023 to 31.05.2023.

Her performance was Very Good during the Internship period in our factory premises.

We wish her all success in her future endeavors.

For Lucas — TVS Limited,

M. Arunkumar

Head - Human Resource



Dr. R. PANNEERDHASS, M.E., Ph.D.,  
PRINCIPAL

A.R. ENGINEERING COLLEGE

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Tel: +91-44-2846031 Web: www.lucas-tvs.com  
Fax: +91-44-2846031 Email: ltvscorp@lucastvs.co.in





CIN: U35999TN1561PLC004678

Factory: 10, Kothapurinatham Main Road,  
Mannadipet Commune, Thiruvandarkoil,  
Puducherry - 605 102, Mia.

Phone: 04132641905/04132641095  
0413 2641906

### INTERNSHIP CERTIFICATE

This is to certify that V. UTHAYAKUMAR, second year BE student in the department of Management Studies, from Puducherry Technological University (PEC), Puducherry has undergone Summer Internship Training in our factory from 02.05.2023 to 31.05.2023.

Her performance was Very Good during the Internship period in our factory premises.

We wish her all success in her future endeavors.

For Lucas — TVS Limited,

  
M. Arunkumar

Head - Human Resource



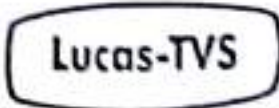
  
Dr. R. PANNEERDHASS, M.E., Ph.D.,  
PRINCIPAL  
A.R. ENGINEERING COLLEGE  
VADAKUCHIPALAYAM,  
KAPPIYAMPULIYUR POST,  
VILLUPURAM - 605 601.



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Tel: +91-44-28460063 / 28460073  
Fax: +91-44-28460631 Web: www.lucas-tvs.com  
Email: lrvs.corp@lucastvs.co.in







LUCAS TVS LIMITED

CIN: U39999TN1991PLC004878

Factory: 10, Keethiguruvathur Main Road,

Mannadipet Commune, Thiruvandarkudi,

Padayaberry - 605 102, Mia.

Phone: 04132641905 04132641095

0413 2641906

**INTERNSHIP CERTIFICATE**

This is to certify that G. VEERAMANIKANDAN, second year BE student in the department of Management Studies, from Padayaberry Technological University (PECT, Padayaberry) has undergone Summer Internship Training in our factory from 02.05.2023 to 31.05.2023.

Her performance was Very Good during the Internship period in our factory premises.

We wish her all success in her future endeavors.

For Lucas — TVS Limited,

M. Arunkumar

Head - Human Resource



Dr. R. PANNEERDHASS, M.E., Ph.D.

PRINCIPAL

A.R. ENGINEERING COLLEGE

VADAKUCHIPALAYAM,

KAPPIYAMPULIYUR POST,

VILLUPURAM-605 601.

Regd. & Corp. Office.

11 & 13, Pinnacles Road, Chennai-600002, TN, India

Tel: +91-44-25460063 / 25460073

Fax: +91-44-25460631 Web: www.lucas-tvs.com

Email: lvs.corp@lucastvs.co.in





CID: 0359991NPN1P1C904678  
 Factory: 10, Kullasputinathan Main Road,  
 Mannalpet Commune, Thiruvandarkoil,  
 Palucherry - 605 102. Min.  
 Phone: 04132641905/04132641095  
 0413 2641906

**INTERNSHIP CERTIFICATE**

This is to certify that S. VINOTHKUMAR, second year B.E. student in the department of Management Studies, from Palucherry Technological University (PTU), Palucherry has undergone Summer Internship Training in our factory from 02.05.2023 to 31.05.2023.

Her performance was Very Good during the Internship period in our factory premises.

We wish her all success in her future endeavors.

For Lucas - TVS Limited,

M. Arunkumar  
 Head - Human Resource



Dr. R. PANNEERDHASS, M.E., Ph.D.  
 PRINCIPAL  
 A.R. ENGINEERING COLLEGE  
 VADAKUCHIPALAYAM,  
 KAPPIYAMPULIYUR POST,  
 VILLUPURAM-605 601.



Regd. & Corp. Office,  
 11 & 13, Panalor Road, Chennai-600002, TN, India  
 Tel: +91-44-28460063 / 28460073  
 Fax: +91-44-28460631 Web: www.lucas-tvs.com  
 E-mail: [lvs.corp@lucastvs.co.in]





## VVCONSTRUCTION

ANUNIT OF V V GROUPS

Email [vv.vvgroups@gmail.com](mailto:vv.vvgroups@gmail.com)

Ph +919440739793

+91 96434

975770511033AWGPV105701

ZY

### TO WHOM IT MAY CONCERN

This is to certify that **RAGHUL R** a Student of 3rd year, **B.E (Civil Engineering)**, **A.R. ENGINEERING COLLEGE VILLUPURAM 605- 601** has successfully completed Inplant Training Programme from **01<sup>st</sup> FEB, 2023** to **14<sup>th</sup> FEB, 2023** (2 Weeks) at this **V V CONSTRUCTION**, Madurai. During the Period of his internship programme with us he was found punctual, hardworking and inquisitive.

# VVGROUPTS

We wish him every success in life.

For, V V CONSTRUCTION

Signature of Authorized Officer

VVGROUPTS

-1, Pooti, Jendrasak

CAN/Calicut/Chennai/Coimbatore/Thrissur

Madurai - 625011

Cell: +91 9449117799/17799117799



  
**Dr. R. PANNEERDHASS, M.E., Ph.D.**  
PRINCIPAL  
A.R. ENGINEERING COLLEGE  
VADAKUMBALAYAM,  
KAPPIYAMPULIYUR POST,  
VILLUPURAM-605 601.





## VVCONSTRUCTION

ANUNITOFV VVGROUPTS

Email [vvconstruction@gmail.com](mailto:vvconstruction@gmail.com)

Ph +919940739703

+91 90434

97877GSTEIN33AWDPV1057QI

ZY

### TOWHOMITMAYCONCERN

Thisistocertifythat **MANOJ.M** a Studentof3<sup>rd</sup> year,*B.E (Civil Engineering)*. **A.R.ENGINEERINGCOLLEGE VILLUPURAM 605- 601** has successfullycompleted Inplant Training Programmefrom 01<sup>st</sup>FEB.2023 to 14<sup>th</sup>FEB, 2023(2 Weeks) at this **V V CONSTRUCTION**, Madurai. During thePeriodof his internship programmewith ushewasfound punctual,hardworkingand inquisitive.

# VVGROUPTS

We wishhimevery successinlife.

For,V VCONSTRUCTION

SignatureofAuthorizedOfficer

VVGROUPTS

1, Palli, 2<sup>nd</sup> Street,

CASColoPfaCIBB,Cub&KOpp&

MMPrat-625011.

Call:+914341177,99417370



  
**Dr.R.PANNEERDHASS,M.E.,Ph D.,**  
**PRINCIPAL**

**A.R.ENGINEERING COLLEGE**  
**VADAKUCHIPALAYAM,**  
**KAPPIYAMPULIYUR POST,**  
**VILLUPURAM-605 601.**



## VVCONSTRUCTION

ANUNITOFTV VVGROUPTS

Email: [vvvconstruction@gmail.com](mailto:vvvconstruction@gmail.com)

Ph: +919943739793  
+919943739793

9757708718, 33AWLIPV195TQ1  
ZY

### TOWHOMITMAYCONCERN

Thisisto certifythat **SANTHOSHKUMAR,G** a Studentof 3<sup>rd</sup> year, *B.E (Civil Engineering)*, **A.R.ENGINEERINGCOLLEGE VILLUPURAM 605- 601** has successfully completed Inplant Training Programmefrom 01<sup>st</sup>FEB,2023 to 14<sup>th</sup>FEB, 2023(2 Weeks) at this **V V CONSTRUCTION**, Madurai. During thePeriodof his internship programwith ushewasfound punctual,hardworkingand inquisitive.

# VVGROUPTS

We wishhimevery successinlife.

For **V V CONSTRUCTION**

Signatureof AuthorizedOfficer

VVGROUPTS

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CASColeofFacilitatn&Appl,  
MMDurai-625011,  
CID: +919943739793



  
**Dr.R.PANNEERDHASS,M.E.,Ph D.,**  
**PRINCIPAL**  
**A.R.ENGINEERING COLLEGE**  
**VADAKUCHIPALAYAM,**  
**KAPPIYAMPULIYUR POST,**  
**VILLUPURAM-605 601.**



# VVCONSTRUCTION

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Email: [vvconstruction@gmail.com](mailto:vvconstruction@gmail.com)

Ph: +919940139793  
+91 90434

978776571N-33AWGPV1657Q1

ZY

## TO WHOM IT MAY CONCERN

This is to certify that **VIGNESH.K** a Student of 3rd year *B.E (Civil Engineering)*. **A.R. ENGINEERING COLLEGE, VILLUPURAM 605- 601** has successfully completed Inplant Training Program from 01<sup>st</sup> FEB, 2023 to 14<sup>th</sup> FEB, 2023 (2 Weeks) at this **V V CONSTRUCTION**, Madurai. During the Period of his internship program with us he was found punctual, hardworking and inquisitive.

# VVGROUPTS

We wish him every success in life.

For, **V V CONSTRUCTION**

Signature of Authorized Officer

**VVGROUPTS**

\* Post: 4th Floor,  
CASC Old P.O. CHITTIKALAI Opp. L.  
M.M. Road - 625011.  
Call: +91 434 1177 9941 7310



*[Signature]*  
Dr. R. PANNEERDHASS, M.E., Ph.D.  
PRINCIPAL  
A.R. ENGINEERING COLLEGE  
VILLUPURAM,  
KAPPIYAMPURU POST,  
VILLUPURAM, 605 601.





## VVCONSTRUCTION

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Email: [vvgroups@gmail.com](mailto:vvgroups@gmail.com)

Ph: +919940739793

+9190134

9787165119, 53,AWGPV1017921

ZY

### TO WHOM IT MAY CONCERN

This is to certify that **DURGA.D** a Student of 1st year, **B.E (Civil Engineering)**, **A.R.ENGINEERING COLLEGE VILLUPURAM 605-601** has successfully completed Inplant Training Programme from **01<sup>st</sup> FEB. 2023** to **14<sup>th</sup> FEB. 2023** (2 Weeks) at this **V V CONSTRUCTION**, Madurai. During the Period of his internship programme with us he was found punctual, hardworking and inquisitive.

We wish him every success in life.

# VVGROUPTS

For, VVCONSTRUCTION

Signature of Authorized Officer

VVGROUPTS

\*\* Prof. & Head,

CAS (id: 964C110C-4116-4009-91)

Madurai-625011.

CRU: +21 4341173, 994173074



  
**Dr. R. PANNEERDHASS, M.E., Ph.D.,**  
**PRINCIPAL**

**A.R. ENGINEERING COLLEGE**  
**VADAKUCHIPALAYAM,**  
**KAPPIYAMPULIYUR POST,**  
**VILLUPURAM-605 601.**



## VVCONSTRUCTION

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Email: [vvgroups@gmail.com](mailto:vvgroups@gmail.com)

Ph: +91 9940739793  
+91 98334

97877GSTEK33AWGPV1057QT

ZY

### TOWHOMITMAYCONCERN

This is to certify that **SRISOWMIYA.M** a Student of 3rd year *B.E (Civil Engineering)*. **A.R.ENGINEERING COLLEGE VILLUPURAM 605-601** has successfully completed Inplant Training Programme from 01<sup>st</sup> FEB. 2023 to 14<sup>th</sup> FEB. 2023 (2 Weeks) at this **V V CONSTRUCTION**, Madurai. During the Period of his internship programme with us he was found punctual, hardworking and inquisitive.

# VVGROUPTS

We wish him every success in life.

For, **V V CONSTRUCTION**

Signature of Authorized Officer

**VVGROUPTS**

+1 Post, 3rd Road,  
CASCole-P&CIIIICath&eDpp.L  
MMDrai-625011.  
CUP: +91 4341177,994173179



  
**Dr. R. PANNEERDHASS, M.E., Ph.D.,**  
PRINCIPAL  
**A.R. ENGINEERING COLLEGE**  
VADAKUCHIPALAYAM,  
KAPPITAMPULIYUR POST,  
VILLUPURAM-605 601.



## VVCONSTRUCTION

AN INDIA VV GROUPS

Email: [vvconstruction@gmail.com](mailto:vvconstruction@gmail.com)

Ph: +91 96433 97731

+91 96434

92876510633A WGPV105701

27

### TO WHOM IT MAY CONCERN

This is to certify that **THULASIT** a Student of 3rd year *B.E (Civil Engineering)*, **A.R. ENGINEERING COLLEGE VILLUPURAM 605-601** has successfully completed Inplant Training Programme from 01<sup>st</sup> FEB, 2023 to 14<sup>th</sup> FEB, 2023 (2 Weeks) at this **V V CONSTRUCTION**, Madurai. During the period of his internship programme with us he was found punctual, hardworking and inquisitive.

We wish him every success in life.

# VVGROUPTS

For, VVCONSTRUCTION

Signature of Authorized Officer

VVGROUPTS


Plot 1, 2nd Road,

C.A.S. Colony, K. J. Somaiya College, Villupuram,

Pin - 605 601.

Cell: +91 9434 1177, 9943 3379



  
**Dr. R. PANNEERDHASS, M.E., Ph.D.,**  
**PRINCIPAL**  
**A.R. ENGINEERING COLLEGE**  
**VADAKUCHIPALAYAM,**  
**KAPPIYAMPULIYUR POST,**  
**VILLUPURAM-605 601.**





## VVCONSTRUCTION

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Ph: +919941159793

+91 96434

978770571X,33 A W GPV 108701

ZY

### TOWHOMITMAYCONCERN

This is to certify that **SIVARAJ PATEL C** a Student of 3rd year, **B.E. (Civil Engineering)**, **A.R. ENGINEERING COLLEGE VILLUPURAM 605-601** has successfully completed Inplant Training Programme from **01<sup>st</sup> FEB. 2023** to **14<sup>th</sup> FEB. 2023** (2 Weeks) at this **V V CONSTRUCTION**, Madurai. During the Period of his internship programme with us he was found punctual, hardworking and inquisitive.

# VVGROUPS

We wish him every success in life.

For, **V V CONSTRUCTION**

Signature of Authorized Officer

VVGROUPS

V. Panneerdhass,  
C.A.S. & P.O. THE SRI SIVAJI  
MADRAS-625011  
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This is to certify that **IYYAPPAN.S** a Student of 3rd year **B.E (Civil Engineering)**, **A.R.ENGINEERING COLLEGE VILLUPURAM 605-601** has successfully completed Inplant Training Programme from 01<sup>st</sup> FEB. 2023 to 14<sup>th</sup> FEB, 2023 (2 Weeks) at this **V V CONSTRUCTION**, Madurai. During the Period of his internship programme with us he was found punctual, hardworking and inquisitive.

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We wish him every success in life.


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### TOWHOMITMAYCONCERN

This is to certify that **NIVESH.V** a Student of 3<sup>rd</sup> year, *B.E (Civil Engineering)*, **A.R.ENGINEERING COLLEGE VILLUPURAM 605-601** has successfully completed Inplant Training Programme from 01<sup>st</sup> FEB, 2023 to 14<sup>th</sup> FEB, 2023 (2 Weeks) at this **V V CONSTRUCTION, Madurai**. During the Period of his internship programme with us he was found punctual, hardworking and inquisitive.

# VVGROUPTS


We wish him every success in life.

For, VVCONSTRUCTION

Signature of Authorized Officer

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