

**കാട്ടേഷൻ നോട്ടീസ്**

വിഷയം:- ശ്രീ നീലകണ്ഠ സർക്കാർ സംസ്കൃത കോളേജ് പട്ടാമ്പി -സ്നേസിമെൻസ് വാങ്ങുന്നതിനുള്ള കാട്ടേഷൻ വിളിക്കുന്നത് -സംബന്ധിച്ച്

- സൂചന :- 1. ഉത്തരവ് നം.പി3/10759/2023/DCEതിരുവനന്തപുരം dt:02/08/2023
- 2. 03/08/2023-ലെ കോളേജ് കൗൺസിൽ യോഗ തീരുമാനം
- 3 . 07/08/2023 ലെ ഇതേ നമ്പർ ഭരണാനുമതി ഉത്തരവ്

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പട്ടാമ്പി ശ്രീ നീലകണ്ഠ സർക്കാർ സംസ്കൃത കോളേജിലെ ബോട്ടണി വകുപ്പിലേയ്ക്ക് സ്നേസിമെൻസ് നൽകുന്നതിന് താല്പര്യമുള്ള സ്ഥാപനങ്ങളിൽ നിന്നും മുദ്രവെച്ച കാട്ടേഷനുകൾ ക്ഷണിച്ചുകൊള്ളുന്നു ഏറ്റവും കുറഞ്ഞ നിരക്കിൽ കാട്ടേഷൻ രേഖപ്പെടുത്തുന്ന സ്ഥാപനത്തിന് കാട്ടേഷൻ നൽകുന്നതായിരിക്കും.

കാട്ടേഷൻ അയക്കുന്ന കവറിനു മുകളിൽ സ്നേസിമെൻസ് നൽകുന്നതിനുള്ള കാട്ടേഷൻ 2023-24 " എന്ന് രേഖപ്പെടുത്തി ശ്രീ നീലകണ്ഠ സർക്കാർ സംസ്കൃത കോളേജ് പട്ടാമ്പി, മേലെ പട്ടാമ്പി (പി.ഒ) പാലക്കാട് - 679306 എന്ന വിലാസത്തിൽ അയക്കേണ്ടതാണ്. കാട്ടേഷൻ സമർപ്പിക്കേണ്ട അവസാന തീയതി 05/09/2023 ഉച്ചയ്ക്ക് 1.00 മണിവരെയായിരിക്കും. വൈകി ലഭിക്കുന്ന കാട്ടേഷനുകൾ സ്വീകരിക്കുന്നതല്ല. അനേദിവസം ഉച്ചയ്ക്ക് 2.00 മണിയ്ക്ക് കാട്ടേഷനിൽ പങ്കെടുക്കുന്നവരുടെയോ അവരുടെ പ്രധിനിധികളുടെയോ സാന്നിധ്യത്തിൽ കാട്ടേഷൻ തുറക്കുന്നതാണ്. ഏതെങ്കിലും കാരണത്താൽ കാട്ടേഷൻ കാരണം കാണിക്കാതെ നിരസിക്കുന്നതിനുള്ള അധികാരം പ്രിൻസിപ്പലിൽ നിക്ഷിപ്തമായിരിക്കും. കൂടുതൽ വിവരങ്ങൾക്ക് ഓഫീസ് പ്രവൃത്തി ദിവസങ്ങളിൽ ഓഫീസുമായി ബന്ധപ്പെടാവുന്നതാണ് (സ്നേസിമെൻസുകളുടെ ലിസ്റ്റ് ഉള്ളടക്കം ചെയ്യുന്നു.)

**Approval Valid**

Digitally Approved By  
ദിലീപ് സി.ഡി  
Date: 19.08.2023  
Reason: Approved

ഒപ്പ്/-  
ദിലീപ് സി.ഡി  
പ്രിൻസിപ്പാൾ (ഇൻ ചാർജ്)

**Post-Graduate & Research Department of Botany**

**Sree Neelakanta Govt. Sanskrit College Pattambi**

**Indent for the purchase of biological specimen 2023-24, DCE Plan Fund (Botany)**

Sl. No.	Name of item	Qty/No. Required	Rate (Rs.)	Amount (Rs.)
<b>Gymnosperms</b>				
1	Cycas Leaflets (Double Stained S FG Permanent Slide)	2	60.00	120.00
2	Cycas Rachis (Double Stained S FG Permanent Slide)	2	60.00	120.00
3	Cycas Ovule LS (Double Stained S FG Permanent Slide)	2	60.00	120.00
4	Cycas Male Sporophyll CS (Double Stained S FG Permanent Slide)	2	60.00	120.00
5	Cycas Male sporophyll (Specimen)	1	100.00	100.00
6	Cycas Female sporophyll (Specimen)	1	100.00	100.00
7	Cycas coralloid root TS ( Double Stained S FG Permanent Slide)	2	60.00	120.00
8	Cycas coralloid root (Botanical specimen)	1	100.00	100.00
9	Permanent Slide)	2	60.00	120.00
10	Ephedra male cone (Botanical Specimen)	1	100.00	100.00
11	Ehedra female cone (Botanical specimen)	1	100.00	100.00
12	Eheda stem (Botanical specimen)	1	100.00	100.00
13	Ephedera root TS. (Double Stained S FG Permanent Slic	2	60.00	120.00
14	Ginkgo stem (Botanical specimen)	1	150.00	150.00
15	Ginkgo stem TS (Double Stained S FG Permanent Slide)	2	60.00	120.00
16	Ginkgo dwarf shoot TS (Double Stained S FG Permanen	2	60.00	120.00
17	Ginkgo leaves TS (Double Stained S FG Permanent Slid	2	60.00	120.00
18	Giinkgo leaves (Botanical specimen)	1	150.00	150.00
19	Ginkgo (Museum specimen)	1	300.00	300.00
20	Ginkgo male cone (Botanical specimen)	1	250.00	250.00
21	Ginkgo female cone (Botanical specimen)	1	250.00	250.00
22	Agathis female cone (Botanical specimen)	1	170.00	170.00
23	Agathis stem (Botanical Specimen)	1	170.00	170.00
24	Agathis stem TS (Double Stained S FG Permanent Slide)	2	60.00	120.00
25	Agathis leaf (Botanical specimen)	1	170.00	170.00
26	Agathis leaf TS (Double Stained S FG Permanent Slide)	2	60.00	120.00
27	Auracaria stem (Botanical specimen)	1	170.00	170.00
28	Auracaria stem TS (Double Stained S FG Permanent Sli	2	60.00	120.00
29	Auracaria leaf (Botanical specimen)	1	120.00	120.00
30	Auracaria leaf TS (Double Stained S FG Permanent Slid	2	60.00	120.00
31	Auracaria male cone (Botanical specimen)	1	120.00	120.00
32	Auracaris female cone (Botanical specimen)	1	120.00	120.00
33	Cryptomeria stem TS (Double Stained S FG Permanent Slide)	2	60.00	120.00
34	Cryptomeria stem (Botanical specimen)	1	200.00	200.00
35	Cryptomeria leaf (Botanical Specimen)	1	200.00	200.00
36	Cryptomeria leaf TS (Double Stained S FG Permanent Slide)	2	60.00	120.00
37	Cryptomeria Male cone (Botanical specimen)	1	200.00	200.00
38	Cryptomeria female cone (Botanical specimen)	1	200.00	200.00
39	Cupressus stem TS (Double Stained S FG Permanent Sli	2	60.00	120.00

40	Cupressus male cone (Botanical specimen)	1	120.00	120.00
41	Cupressus female cone (Botanical specimen)	1	120.00	120.00
42	Podocarpus Stem (Botanical Specimen)	1	170.00	170.00
43	Podocarpus Stem TS (Double Stained S FG Permanent Slide)	2	60.00	120.00
44	Podocarpus leaf (Botanical Specimen)	1	170.00	170.00
45	Slide)	2	60.00	120.00
46	Podocarpus male cone (Botanical specimen)	1	170.00	170.00
47	Podocarpus female cone (Botanical specimen)	1	170.00	170.00
48	Taxus stem (Botanical specimen)	1	170.00	170.00
49	Taxus stem TS (Double Stained S FG Permanent Slide)	2	60.00	120.00
50	Taxus leaf (Botanical specimen)	1	170.00	170.00
51	Taxus leaf TS (Double Stained S FG Permanent Slide)	2	60.00	120.00
52	Taxus male cone (Botanical specimen)	1	170.00	170.00
53	Taxus female cone (Botanical specimen)	1	170.00	170.00
54	Zamia leaf rachis TS (Double Stained S FG Permanent Slide)	2	60.00	120.00
55	Zamia leaflet TS (Double Stained S FG Permanent Slide)	2	60.00	120.00
56	Zamia male cone (Botanical specimen)	1	250.00	250.00
57	Zamia female cone (Botanical specimen)	1	250.00	250.00
58	Cephalotaxus male cone (Botanical specimen)	1	120.00	120.00
59	Cephalotaxus female cone (Botanical specimen)	1	120.00	120.00
60	Cephalotaxus stem (Botanical specimen)	1	120.00	120.00
61	Cephalotaxus Stem TS (Double Stained S FG Permanent Slide)	2	60.00	120.00
62	Cephalotaxus Leaf (Botanical specimen)	1	120.00	120.00
63	Cephalotaxus leaf TS (Double Stained S FG Permanent Slide)	2	60.00	120.00
64	Welwitia Plant (Museum specimen)	1	500.00	500.00
65	Welwitia Male cone (botanical specimen)	1	400.00	400.00
66	Welwitia Female cone (botanical specimen)	1	400.00	400.00
67	Gnetum Stem TS (Double Stained S FG Permanent Slide)	2	60.00	120.00
68	Gnetum leaf TS (Double Stained S FG Permanent Slide)	2	60.00	120.00
69	Lyginopteris TS of Stem (Fossil slide)	1	450.00	450.00
70	Sphenopteris Fossil slide	1	450.00	450.00
71	Heterangium stem TS (Fossil slide)	1	450.00	450.00
72	Medullosa Root (Fossil slide)	1	450.00	450.00
73	Myeloxylon TS (Fossil slide)	1	450.00	450.00
74	Neuropteris TS (Fossil slide)	1	450.00	450.00
75	Cordaites Stem (Fossil slide)	1	450.00	450.00
76	Cordaites Leaf (Fossil slide)	1	450.00	450.00
77	Cordaites seed (Fossil slide)	1	450.00	450.00
78	Cardiocarpus Seed (Fossil slide)	1	450.00	450.00
79	Cordaianthus TS (Fossil slide)	1	450.00	450.00
80	Pentoxylon (Fossil slide)	1	450.00	450.00
81	Williamsonia stem (Fossil slide)	1	450.00	450.00
82	Calamites Stem (Fossil specimen)	1	875.00	875.00
83	Glossopteris (Fossil specimen)	1	875.00	875.00
84	Gangamopteris (Fossil specimen)	1	875.00	875.00

85	Scutum (fossil specimen)	1	875.00	875.00
86	Willamsonia (Fossil specimen)	1	875.00	875.00
87	Pentoxylon (fossil specimen)	1	875.00	875.00
88	Nipaniophyllum (Fossil specimen)	1	875.00	875.00
89	Cardaites leaf (Fossil specimen)	1	875.00	875.00
90	Neuropteris (Fossil specimen)	1	875.00	875.00
91	Cycadeoidea (Fossil specimen)	1	875.00	875.00
92	Cycadeoidea flower bud (Fossil specimen)	1	875.00	875.00
93	Cycadeoidea leaf (Fossil specimen)	1	875.00	875.00
94	Cordaites stem (Fossil specimen)	1	875.00	875.00
95	Set of Fossil types (impression, compression, petrification, animal fossil, pseudofossil)	1	4500.00	4500.00
96	Fossil collection tool kit	1	4000.00	4000.00
97	Collection of 15 igneous rocks	1	800.00	800.00
98	Collection of 15 sedimentary rocks	1	800.00	800.00
99	Collection of 15 metamorphic rocks	1	800.00	800.00
100	Collection minerals set of 50	1	800.00	800.00
101	Collection of metallic ores - 20 set	1	875.00	875.00
				<b>40,460.00</b>
	<b>Pteridophytes</b>			
102	Psilotum T.S of Stem - Permanent Slide	1	27.00	27.00
103	Psilotum C.S of Synangium - Permanent Slide	1	32.00	32.00
104	Psilotum Veg. Plant	1	64.00	64.00
105	Psilotum stem with synangia	1	92.00	92.00
106	Selaginella T.S of stem - Permanent slide	1	27.00	27.00
107	Selaginella T.S of Rhizophore - Permanent slide	1	27.00	27.00
108	Selaginella L.S of strobilus	1	27.00	27.00
109	Selaginella -Microsporangia Permenant Slide	1	27.00	27.00
110	Selaginella - Megasoprangia -Permanent Slide	1	27.00	27.00
111	Equisetum -T.S. of stem -Permanent Slide	1	27.00	27.00
112	Equisetum - L.S. of cone - Permanent Slide	1	27.00	27.00
113	Pteris - T.S. of stem - Permanent Slide	1	27.00	27.00
114	Pteris - C.S. of sporophyll - Permanent Slide	1	27.00	27.00
115	Rhynia stem fossil slide	1	450.00	450.00
116	Lepidodendron fossil slide	1	450.00	450.00
117	Calamites Stem (Fossil specimen)	1	450.00	450.00
				<b>1,808.00</b>
	<b>Mycology</b>			
118	Phytophthora whole mount	1	40.00	40.00
119	Albugo wm	1	40.00	40.00
120	Mucor WM	1	40.00	40.00
121	Pilobolus whole mount	1	40.00	40.00
122	Aspergillus whole mount	1	40.00	40.00
123	Curvularia whole mount	1	40.00	40.00
124	Alternaria whole mount	1	40.00	40.00
125	Fusarium whole mount	1	40.00	40.00
126	Puccinia- Telutospore	1	40.00	40.00
127	Puccinia- Aecidiospore	1	40.00	40.00
128	Puccinia- Basidiospore	1	40.00	40.00
129	Puccinia- Pycnidiospore	1	40.00	40.00
130	Agaricus gill TS	1	40.00	40.00

131	Agaricus specimen	1	40.00	40.00
132	Xylaria stroma section	1	40.00	40.00
133	Rhizopus whole mount	1	40.00	40.00
134	Usnea thallus with apothecium	1	40.00	40.00
135	Colletotrichum whole mount	1	40.00	40.00
				<b>720.00</b>
	<b>Anatomy</b>			
136	Dicot stem: Cephalandra -Permanent Slide	1	27.00	27.00
137	Dicot stem: Eupatorium - Permanent Slide	1	27.00	27.00
138	Dicot stem: Vernonia -Permanent Slide	1	27.00	27.00
139	Monocot stem: Bamboo- Permanent Slide	1	27.00	27.00
140	Dicot root: Tinospora - Permanent Slide	1	27.00	27.00
141	Monocot root: Musa -Permanent Slide	1	27.00	27.00
142	Boerhaavia T.S of stem - Permanent Slide	1	27.00	27.00
143	Dicot leaf: Ixora - Permanent Slide	1	27.00	27.00
144	Monocot leaf: grass - Permanent Slide	1	27.00	27.00
145	Parmelia	1	27.00	27.00
146	Usnea	1	27.00	27.00
147	Usnea Apothecium LS Permanet slide	1	27.00	27.00
148	Aristolochia Young Stem T S - Permanent Slide	1	27.00	27.00
149	Aristolochia Old Stem T S - Permanent Slide	1	27.00	27.00
150	Amaranthus Stem TS - Permanent Slide	1	27.00	27.00
151	Strychnous Stem T S- Permanent Slide	1	27.00	27.00
152	Bougainvilla Stem T.S - Permanent slide	1	27.00	27.00
153	Bignonia Stem T.S - Permanent Slide	1	27.00	27.00
154	Mirabilis Stem T.S - Permanent Slide	1	27.00	27.00
155	Raphides	2	60.00	120.00
156	Cystolith	2	60.00	120.00
157	Druses	2	60.00	120.00
158	Xylem maceration	2	60.00	120.00
159	Phloem maceration	2	60.00	120.00
160	Companion cells	2	60.00	120.00
161	Articulated Laticifer	2	60.00	120.00
162	Nonarticulated laticifer	2	60.00	120.00
163	Bicollateral Vascular Bundle	2	60.00	120.00
164	Amphicribal Vasular Bundle	2	60.00	120.00
165	Amphivasal Vasular Bundle	2	60.00	120.00
166	Conjoint Collateral Open Vascular bundle	2	60.00	120.00
167	Conjoint Collaterl closed Vascular bundle	2	60.00	120.00
168	Radial Vasular bundle of Dicot	2	60.00	120.00
169	Radial Vasular bundle of Monocot	2	60.00	120.00
170	Parenchyma	2	60.00	120.00
171	Collenchyma	2	60.00	120.00
172	Sclerenchyma	2	60.00	120.00
173	Stone cells	2	60.00	120.00
174	Epidermal hairs	2	60.00	120.00
175	Unilacunar node	2	60.00	120.00
176	Trilacunar node	2	60.00	120.00
177	Multilacunar node	2	60.00	120.00
				<b>3,273.00</b>
	<b>Algae</b>			
178	Nostoc	2	60.00	120.00
179	Anabaena	2	60.00	120.00

180	Polysiphonia thallus	2	60.00	120.00
181	Polysiphonia Tetrapsorophyte	2	60.00	120.00
182	Polysiphonia Cystocarp	2	60.00	120.00
183	Chara thallus	2	60.00	120.00
184	Chara globule and nucule	2	60.00	120.00
185	Chara Specimen	2	60.00	120.00
186	Nitella globule and nucule	2	60.00	120.00
187	Nitella thallus	2	60.00	120.00
188	Nitella specimen	2	60.00	120.00
189	Volvox colony	2	60.00	120.00
190	Botrydium specimen	2	60.00	120.00
191	Acetabularia specimen	2	60.00	120.00
192	Bryopsis specimen	2	60.00	120.00
193	Chlamydomonas palmella	2	60.00	120.00
194	Caulerpa taxifolia specimen	2	60.00	120.00
195	Caulerpa crassifolia specimen	2	60.00	120.00
196	Caulerpa prolifera specimen	2	60.00	120.00
197	Caulerpa racemosa specimen	2	60.00	120.00
198	Caulerpa peltata specimen	2	60.00	120.00
199	Cymbella specimen	2	60.00	120.00
200	Draperaldiopsis specimen	2	60.00	120.00
201	Fritschiella specimen	2	60.00	120.00
202	Hydrodictyon specimen	2	60.00	120.00
203	Palmella specimen	2	60.00	120.00
204	Spirulina whole mount	2	60.00	120.00
205	Acetabularia whole mount	2	60.00	120.00
206	Botrydium whole mount	2	60.00	120.00
207	Bryopsis whole mount	2	60.00	120.00
208	Cymbella whole mount	2	60.00	120.00
209	Draperaldiopsis whole mount	2	60.00	120.00
210	Bulbochaete whole mount	2	60.00	120.00
211	Cladophora whole mount	2	60.00	120.00
212	Pithophora whole mount	2	60.00	120.00
213	Coleochate whole mount	2	60.00	120.00
214	Fritschiella whole mount	2	60.00	120.00
215	Mougeotia whole mount	2	60.00	120.00
216	Sargassum Bladder TS	2	60.00	120.00
217	Sargassum Male conceptacle VS	2	60.00	120.00
218	Sargassum female conceptacle VS	2	60.00	120.00
219	Batrachospermum thallus whole mount	2	60.00	120.00
220	Gracillaria with cyctocarp whole mount	2	60.00	120.00
221	Pediastrum whole mount	2	60.00	120.00
222	Scenidesmus whole mount	2	60.00	120.00
223	Cephaleuros	2	60.00	120.00
224	Coscinodiscus whole mount	2	60.00	120.00
225	Cymbella whole mount	2	60.00	120.00
226	Biddulphia whole mount	2	60.00	120.00
227	Ectocarpus thallus whole mount	2	60.00	120.00
228	Champia thallus whole mount	2	60.00	120.00
229	Champia specimen	2	60.00	120.00
230	Nostoc in root section	2	60.00	120.00
231	Chlamydomonas WM	2	60.00	120.00
232	Chara vegetative WM	2	60.00	120.00

233	Chara reproductive	2	60.00	120.00
234	Chlorella WM	2	60.00	120.00
235	Diatom centric	2	60.00	120.00
236	Oedogonium vegetative	2	60.00	120.00
237	Oedogonium capcells WM	2	60.00	120.00
238	Oedogonium macrandrous WM	2	60.00	120.00
239	Oedogonium nannandrous WM	2	60.00	120.00
240	Oedogonium oogonial WM	2	60.00	120.00
241	Spirogyra vegetative WM	2	60.00	120.00
242	Spirogyra scalariform conjugation WM	2	60.00	120.00
243	Spirogyra lateral conjugation WM	2	60.00	120.00
244	Vaucheria vegetative WM	2	60.00	120.00
245	Vaucheria reproductive WM	2	60.00	120.00
246	Volvox daughter colony WM	2	60.00	120.00
247	Volvox oogonial colony WM	2	60.00	120.00
248	Volvox anteridial colony WM	2	60.00	120.00
249	Sargassum thallus TS	2	60.00	120.00
250	Sargassum male conceptacle TS	2	60.00	120.00
251	Sargassum female conceptacle TS	2	60.00	120.00
252	Polysiphonia vegetative WM	2	60.00	120.00
253	Polysiphonia tetrasporic WM	2	60.00	120.00
254	Polysiphonia cystocarp	2	60.00	120.00
				<b>9,360.00</b>
	<b>BRYOPHYTE</b>			
255	Riccia Thallus section	2	60.00	120.00
256	Riccia Thallus section with antheridium	2	60.00	120.00
257	Riccia Thallus section with Oogonium	2	60.00	120.00
258	Riccia Sporocarp	2	60.00	120.00
259	Anthoceros thallus section	2	60.00	120.00
260	Anthoceros sporophyte LS	2	60.00	120.00
261	Lunularia thallus section	2	60.00	120.00
262	Pallavicinia thallus section	2	60.00	120.00
263	Marchantia thallus section	2	60.00	120.00
264	Cyathodium thallus section	2	60.00	120.00
265	Asterella thallus section	2	60.00	120.00
266	Targionia Thallus Section	2	60.00	120.00
267	Funaria capsule LS	2	60.00	120.00
268	Sphagnum thallus	2	60.00	120.00
269	Polytrichum specimen	2	60.00	120.00
270	Bryum capsule LS	2	60.00	120.00
				<b>1,920.00</b>
	<b>PATHOLOGY</b>			
271	Powdery mildew of rubber specimen	2	100.00	200.00
272	Abnormal leaf fall of rubber specimen	2	100.00	200.00
273	tikka disease of Ground nut	2	100.00	200.00
274	Late blight of potato	2	100.00	200.00
275	Blister blight of tea, wheat rust, coffee rust,	2	100.00	200.00
276	Phytophthora foot rot of pepper	2	100.00	200.00
277	grey leaf spot of coconut	2	100.00	200.00
278	rhizome rot of ginger	2	100.00	200.00
279	rhizome rot of turmeric	2	100.00	200.00
280	angiospermic parasites- Viscum	2	100.00	200.00

281	angiospermic parasites- Dendrophthoe	2	100.00	200.00
				<b>2,200.00</b>
<b>Embryology</b>				
282	Dicot Embryo (Permanent Slide)	2	40.00	80.00
283	Monocot Embryo (Permanent Slide)	2	40.00	80.00
284	Ovule (Anatropous) - Permanent Slide	1	40.00	40.00
285	Ovule (Orthotropous) - Permanent Slide	1	40.00	40.00
286	Ovule (Hemianatropous) - Permanent Slide	1	40.00	40.00
287	Ovule (Campylotropous) - Permanent Slide	1	40.00	40.00
288	T.S of anther showing microsporogenesis	2	40.00	80.00
289	T.S of mature anther showing pollen grains	2	40.00	80.00
290	L.S. of ovule showing megasporogenesis	1	40.00	40.00
291	L.S. of ovule showing globular/heart shaped embryo	1	40.00	40.00
292	L.S. of seed showing coat, embryo and endosperm	1	40.00	40.00
				<b>600.00</b>
<b>Specimen bottles</b>				
282	Specimen bottle with cap - small (200 ml)	30	200.00	6,000.00
283	Specimen bottle with cap - medium 500 ml)	30	300.00	9,000.00
284	Specimen bottle with cap - large (1000 ml)	20	500.00	10,000.00

Item Total = 25,000.00  
Grand Total = 85,341.00

(Rupees Eighty Five Thousand Three Hundred and Forty One Only)



*M. S. S. S. S.*  
HOD, BOTANY

**Dr. VIVEK P. J.**  
Assistant Professor  
Department of Botany  
Sree Neelakanta Govt. Sanskrit College  
Pattambi, Palakkad - 679306