

# Institution of Electronics & Telecommunication Engineers

## Closure of Current Scheme for AMIETE and DIPIETE and

### Policy for Transition from Current to New Scheme

As per July 2018 Governing Council Decision, current scheme (started w.e.f. Jun 2008) for AMIETE and DIPIETE which was initially available upto June 2017 exam and later extended upto Dec 2018 is now extended upto June 2019 exam. No further extension will be considered.

Current scheme students who will not be able to complete the course by June 2019 exam shall be transited to the New Scheme. The subjects passed in the current scheme shall also be credited forward into the new scheme as per the equivalency chart given below:

### **Equivalency Chart for Transition from Current to New Scheme - Complete**

S. No.	Subject Code of New Scheme	Equivalent Subject Code of Current Scheme	Subject	Stream
<b>AMIETE</b>				
1	AE101/AC101/AT101	AE51/AC51/AT51	Engineering Mathematics – I	ET/CS/IT
2	AE102/AC102/AT102	<b>No Equivalent</b>	Computer Concepts & C Programming	ET/CS/IT
3	AE103	AE53	Electronic Devices & Circuits	ET
4	AE104	AE54	Linear ICs & Digital Electronics	ET
5	AE105	AE55	Principles of Electrical Engineering	ET
6	AE106	AE58	Materials & Processes	ET
7	AE107/AC107/AT107	AE56/AC56/AT56	Engineering Mathematics – II	ET/CS/IT
8	AE108/AC108/AT108	AE66/AC66/AT66	Microprocessors & Microcontrollers	ET/CS/IT
9	AE109	AE61	Control Engineering	ET
10	AE110	AE59	Circuit Theory & Design	ET
11	AE111	AE60	Instrumentation & Measurements	ET
12	AE112	AE57	Signals & Systems	ET
13	AE113/AC113/AT113	AE62/AC62/AT62	Operations Research & Engineering Management	ET/CS/IT
14	AE114	AE63	Electromagnetic & Radiation Systems	ET
15	AE115	AE64	Telecommunication Switching Systems	ET
16	AE116	AE65	Analog Communications	ET

17	AE117	AE68	Embedded Systems Design	ET
18	AE118	AE67	Digital Communications	ET
19	AE119/AC119/AT119	AE71- E/AC67/AT67	Data Communication & Computer Networks	ET/CS/IT
20	AE120	AE72-E	Microwave Theory & Techniques	ET
21	AE121-E	AE77-E	DSP	ET
22	AE122-E	AE74-E	VLSI Design	ET
23	AE123-E	<b>No Equivalent</b>	Power Electronics	ET
24	AE124-E	<b>No Equivalent</b>	Operating Systems	ET
25	AE125-E	AE73-E	Information Theory & Coding	ET
26	AE126-E	AE78-E	Radar & Navigational Aids	ET
27	AE127-E	AE76-E	Wireless & Mobile Communications	ET
28	AE128-E	<b>No Equivalent</b>	Internet Applications	ET
29	AE129-E/AC129- E/AT129-E	<b>No Equivalent</b>	Cyber Crimes & IPR	ET/CS/IT
30	AE130-E	AE75-E	Optoelectronics & Communication	ET
31	AE131-E	<b>No Equivalent</b>	Advanced Communication Systems	ET
32	AE132-E	<b>No Equivalent</b>	Multimedia Systems	ET
33	AE133-E	<b>No Equivalent</b>	DSP Algorithms and Architecture	ET
34	AE135/AC135/AT135	AE69/AC69/AT69	Project Work	ET/CS/IT
35	AE136/AC136/AT136	AE70/AC70/AT70	Seminar	ET/CS/IT
36	AE137/AC137/AT137	AE98/AC98/AT98	Communication Skills & Technical Writing (Oral)	ET/CS/IT
37	AE138/AC138/AT138	AE99/AC99/AT99	Communication Skills & Technical Writing (Theory)	ET/CS/IT
38	AE141	AE91	Analog Electronics Lab	ET
39	AE142	AE92	Digital Electronics Lab	ET
40	AE143	AE93	μP & C Programming Lab	ET
41	AE144	AE94	Analog & Digital Communication Lab	ET
42	AC103/ AT103	AC53 & AC54/ AT53 & AT43	Analog & Digital Electronics	CS/IT
43	AC104/AT104	<b>No Equivalent</b>	Data Structures with C & C++	CS/IT
44	AC105/AT105	AC55/AT55	Object Oriented Programming with C++	CS/IT
45	AC106/AT106	AC58/AT58	Computer Organization	CS/IT
46	AC109/AT109	<b>No Equivalent</b>	Unix & Shell Programming	CS/IT
47	AC110/AT110	AC59/AT59	Operating Systems & Systems Software	CS/IT

48	AC111/AT111	<b>No Equivalent</b>	Computer Graphics & Visualization	CS/IT
49	AC112/AT112	AC61/AT61	Database Management Systems	CS/IT
50	AC114/AT114	AC63/AT63	Software Engineering	CS/IT
51	AC115/AT115	AC64/AT64	Design & Analysis of Algorithms	CS/IT
52	AC116	AC65	Discrete Structures	CS
53	AC117/AT117	AC72-E/AT72-E	Linux Internals	CS/IT
54	AC118/AT118	<b>No Equivalent</b>	Software Architecture	CS/IT
55	AC120	AC68	Finite Automata & Formula Languages	CS
56	AC121-E/AT121-E	AC73-E/AT73-E	C # and .Net	CS/IT
57	AC122-E	<b>No Equivalent</b>	VLSI Design	CS
58	AC123-E/AT123-E	AC74-E/AT74-E	Artificial Intelligence & Neural Networks	CS/IT
59	AC124-E/AT124-E	AC71-E/AT71-E	Unix Systems Programs	CS/IT
60	AC125-E/AT125-E	<b>No Equivalent</b>	Software Testing	CS/IT
61	AC126-E/AT126-E	<b>No Equivalent</b>	Mobile Application Development	CS/IT
62	AC127-E	<b>No Equivalent</b>	Wireless & Mobile Communications	CS
63	AC128-E/AT128-E	AC75-E/AT75-E	Internet Applications	CS/IT
64	AC130-E/AT130-E	<b>No Equivalent</b>	Compiler Design	CS/IT
65	AC131-E/AT131-E	<b>No Equivalent</b>	Cloud Computing	CS/IT
66	AC132-E/AT132-E	AC76-E/AT76-E	Cryptography & Network Security	CS/IT
67	AC133-E	AC78-E	Advanced Microprocessors	CS
68	AC141/AT141	AC91/AT91	Data Structure with C & C++ Lab	CS/IT
69	AC142/AT142	AC92/AT92	DBMS Lab	CS/IT
70	AC143/AT143	AC93/AT93	Analysis & Design of Algorithms Lab	CS/IT
71	AC144	AC94	$\mu$ P & $\mu$ C Lab	CS
72	AT116	AT65	Multimedia Systems	IT
73	AT120	AT68	Java & Web Programming	IT
74	AT122-E	AT78-E	Data Mining & Warehousing	IT
75	AT127-E	AT77-E	e-Commerce	IT
76	AT133-E	<b>No Equivalent</b>	System Modelling & Simulation	IT
77	AT144	AT94	Jawa & Web Programming Lab	IT

<b>DipIETE</b>				
1	DE101/DC101	DE51/DC51	Engineering Mathematics - I	ET/CS
2	DE102/DC102	DE52/DC52	Fundamentals of Electrical & Electronics Engg.	ET/CS
3	DE103/DC103	DE53/DC53	Computer Fundamentals & C Programming	ET/CS
4	DE104	DE54	Engineering Materials/Electronic Engineering Materials	ET
5	DE105/DC105	DE55/DC55	Engineering Mathematics – II	ET/CS
6	DE106	DE56	Analog Electronics	ET
7	DE107	DE57	Networks & Transmission Lines	ET
8	DE108/DC108	DE58/DC58	Logic Design	ET/CS
9	DE109	DE59	Electronic Instrumentation & Measurements	ET
10	DE110	DE71-E	Power Electronics	ET
11	DE111/DC111	DE60/DC68-E	Microprocessors & Microcontrollers	ET/CS
12	DE112	DE61	Analog Communications	ET
13	DE113	DE62	Telecommunication Switching Systems	ET
14	DE114	DE63	Digital Communications	ET
15	DE115/DC121	DE67-E/DC67-E	Embedded Systems	ET/CS
16	DE116-E	DE66	Wireless & Mobile Communications	ET
17	DE117-E	<b>No Equivalent</b>	Television Engineering & Broadcasting	ET
18	DE118-E/DC114	DE69/DC63	Data Communication & Networks	ET/CS
19	DE119-E	<b>No Equivalent</b>	Advanced Communication Systems	ET
20	DE120-E	DE65-E	Control Engineering	ET
21	DE121-E	<b>No Equivalent</b>	Verilog HDL and VLSI Design	ET
22	DE122-E/DC106	DE70-E/DC56	Object Oriented Programming with C++	ET/CS
23	DE123-E	<b>No Equivalent</b>	Java & Web Programming	ET
24	DE135/DC135	DE64/DC64	Project Work	ET/CS
25	DE136/DC136	<b>No Equivalent</b>	Seminar	ET/CS
26	DE137/DC137	DE98/DC98	Communication skills & Technical writing (Oral)	ET/CS
27	DE138/DC138	DE99/DC99	Communication skills & Technical writing	ET/CS
28	DE141	DE91	C Programming Lab	ET
29	DE142	DE92	Analog Electronics Lab	ET
30	DE143	DE93	Logic Design Lab	ET

31	DE144	DE94	Analog & Digital Communication Lab	ET
32	DC104	DC54	Data Structures	CS
33	DC106	DC56	Object Oriented Programming with C++	CS
34	DC107	DC57	Computer Organization	CS
35	DC109	DC59	Analysis & Design of Information Systems	CS
36	DC110	DC61	Operating Systems & Systems Software	CS
37	DC112	DC62	Database Management Systems	CS
38	DC113	DC60	Java & Web Programming	CS
39	DC115	DC65-E	Software Engineering	CS
40	DC116-E	<b>No Equivalent</b>	Computer Graphics & Visualization	CS
41	DC117-E	DC69-E	C# & .Net	CS
42	DC118-E	DC71-E	Internet Applications	CS
43	DC119-E	<b>No Equivalent</b>	Cloud Computing	CS
44	DC120-E	<b>No Equivalent</b>	Software Testing	CS
45	DC121-E	DC67-E	Embedded Systems	CS
46	DC122-E	<b>No Equivalent</b>	Mobile Application Development	CS
47	DC123-E	DC70-E	Network Management	CS
48	DC141	DC91	C & Data Structures Lab	CS
49	DC142	DC92	OOPS Lab	CS
50	DC143	DC93	Java & Web Programming Lab	CS
51	DC144	DC94	DBMS Lab	CS

**Note:**

- (1) Subjects with suffix **-E** are elective subjects in the corresponding stream/scheme.
- (2) Exemption in new scheme subject with transfer of credit will be granted if its equivalent subject is passed in the current scheme.
- (3) No exemption shall be granted for the subjects who have either no equivalent or partly covered in other subjects of the current scheme.
- (4) After transiting into new scheme students left with non passed/ non equivalent subjects will have to pass the subjects as per new scheme syllabus. Subject codes of new scheme are of two alphabet + three digits (e.g. AE101, AC101, AT101, DE101, DC101 etc.) and its scheme and syllabus are available on IETE's website [www.iete.org](http://www.iete.org).
- (5) Eligibility to appear in different section/part, lab, project, seminar for **Current Scheme** students shall be decided as per the **New Scheme** eligibility conditions.
- (6) Students need any clarification in this regard may contact [sic@iete.org](mailto:sic@iete.org) or [exam@iete.org](mailto:exam@iete.org).

**Equivalency Chart for Transition from Current to New Scheme –  
AMIETE (ET)**

S. No.	Sub Code	Subject Name	Equivalent Current Scheme Sub Code
<b>Section-A, Part-I</b>			
1	AE101	Engineering Mathematics – I	AE51
2	AE102	Computer Concepts & C Programming	<b>No Equivalent</b>
3	AE103	Electronic Devices & Circuits	AE53
4	AE104	Linear ICs & Digital Electronics	AE54
5	AE105	Principles of Electrical Engineering	AE55
6	AE106	Materials & Processes	AE58
7	AE141	Analog electronics Lab	AE91
<b>Section-A, Part-II</b>			
1	AE107	Engineering Mathematics – II	AE56
2	AE108	Microprocessors & Microcontrollers	AE66
3	AE109	Control Engineering	AE61
4	AE110	Circuit Theory & Design	AE59
5	AE111	Instrumentation & Measurements	AE60
6	AE112	Signals & Systems	AE57
7	AE142	Digital Electronics Lab	AE92
<b>Section-B, Part-I</b>			
1	AE113	Operations Research & Engineering Management	AE62
2	AE114	Electromagnetic & Radiation Systems	AE63
3	AE115	Telecommunication Switching Systems	AE64
4	AE116	Analog Communications	AE65
5	AE117	Embedded Systems Design	AE68
6	AE143	μP & C Programming Lab	AE93
<b>Elective group-A (Choose any one)</b>			
7	AE121	DSP	AE77-E
8	AE122	VLSI Design	AE74-E
9	AE123	Power Electronics	<b>No Equivalent</b>
10	AE124	Operating Systems	<b>No Equivalent</b>
<b>Section-B, Part-II</b>			
1	AE118	Digital Communications	AE67
2	AE119	Data Communication & Computer Networks	AE71-E
3	AE120	Microwave Theory & Techniques	AE72-E
4	AE144	Analog & Digital Communications Lab	AE94
5	AE135	Project Work	AE69
6	AE136	Seminar	AE70
<b>Elective group-B (Choose any one)</b>			
7	AE125	Information Theory & Coding	AE73-E
8	AE126	Radar & Navigational Aids	AE78-E
9	AE127	Wireless & Mobile Communications	AE76-E
10	AE128	Internet Applications	<b>No Equivalent</b>
11	AE129	Cyber Crimes & IPR	<b>No Equivalent</b>

<b>Elective group-C (Choose any one)</b>			
12	AE130	Optoelectronics & Communication	AE75-E
13	AE131	Advanced Communication Systems	<b>No Equivalent</b>
14	AE132	Multimedia Systems	<b>No Equivalent</b>
15	AE133	DSP Algorithms and Architecture	<b>No Equivalent</b>
<b>Following can be appeared at any time but together</b>			
1	AE137	Communication skills & Technical writing (Oral)	AE98
2	AE138	Communication skills & Technical writing	AE99

**Equivalency Chart for Transition from Current to New Scheme –  
AMIETE (CS)**

<b>S. No.</b>	<b>Sub Code</b>	<b>Subject Name</b>	<b>Equivalent Current Scheme Sub Code</b>
<b>Section-A, Part-I</b>			
1	AC101	Engineering Mathematics – I	AC51
2	AC102	Computer Concepts & C Programming	<b>No Equivalent</b>
3	AC103	Analog & Digital Electronics	AC53 & AC54
4	AC104	Data Structures with C & C++	<b>No Equivalent</b>
5	AC105	Object Oriented Programming with C++	AC55
6	AC106	Computer Organization	AC58
7	AC141	Data Structures with C & C++ Lab	AC91
<b>Section-A, Part-II</b>			
1	AC107	Engineering Mathematics – II	AC56
2	AC108	Microprocessors & Microcontrollers	AC66
3	AC109	Unix & Shell Programming	<b>No Equivalent</b>
4	AC110	Operating Systems & Systems Software	AC59
5	AC111	Computer Graphics & Visualization	<b>No Equivalent</b>
6	AC112	Database Management Systems	AC61
7	AC142	DBMS Lab	AC92
<b>Section-B, Part-I</b>			
1	AC113	Operations Research & Engineering Management	AC62
2	AC114	Software Engineering	AC63
3	AC115	Design & Analysis of Algorithms	AC64
4	AC116	Discrete Structures	AC65
5	AC117	Linux Internals	AC72-E
6	AC143	Analysis & Design of Algorithms Lab	AC93
<b>Elective group-A (Choose any one)</b>			
7	AC121	C # and .Net	AC73-E
8	AC122	VLSI Design	<b>No Equivalent</b>
9	AC123	Artificial Intelligence & Neural Networks	AC74-E
10	AC124	UNIX Systems Programs	AC71-E

<b>Section-B, Part-II</b>			
1	AC118	Software Architecture	<b>No Equivalent</b>
2	AC119	Data Communication & Computer Networks	AC67
3	AC120	Finite Automata & Formula Languages	AC68
4	AC144	$\mu$ P & $\mu$ C Lab	AC94
5	AC135	Project Work	AC69
6	AC136	Seminar	AC70
<b>Elective group-B (Choose any one)</b>			
7	AC125	Software Testing	<b>No Equivalent</b>
8	AC126	Mobile Application Development	<b>No Equivalent</b>
9	AC127	Wireless & Mobile Communications	<b>No Equivalent</b>
10	AC128	Internet Applications	AC75-E
11	AC129	Cyber Crimes & IPR	<b>No Equivalent</b>
<b>Elective group-C (Choose any one)</b>			
12	AC130	Compiler Design	<b>No Equivalent</b>
13	AC131	Cloud Computing	<b>No Equivalent</b>
14	AC132	Cryptography & Network Security	AC76-E
15	AC133	Advanced Microprocessors	AC78-E
<b>Following can be appeared at any time but together</b>			
1	AC137	Communication skills & Technical writing (Oral)	AC98
2	AC138	Communication skills & Technical writing	AC99

**Equivalency Chart for Transition from Current to New Scheme –  
AMIETE (IT)**

<b>S. No.</b>	<b>Sub Code</b>	<b>Subject Name</b>	<b>Equivalent Current Scheme Sub Code</b>
<b>Section-A, Part-I</b>			
1	AT101	Engineering Mathematics – I	AT51
2	AT102	Computer Concepts & C Programming	<b>No Equivalent</b>
3	AT103	Analog & Digital Electronics	AT53 & AT54
4	AT104	Data Structures with C & C++	<b>No Equivalent</b>
5	AT105	Object Oriented Programming with C++	AT55
6	AT106	Computer Organization	AT58
7	AT141	Data Structures with C & C++ Lab	AT91
<b>Section-A, Part-II</b>			
1	AT107	Engineering Mathematics – II	AT56
2	AT108	Microprocessors & Microcontrollers	AT66
3	AT109	Unix & Shell Programming	<b>No Equivalent</b>
4	AT110	Operating Systems & Systems Software	AT59
5	AT111	Computer Graphics & Visualization	<b>No Equivalent</b>
6	AT112	Database Management Systems	AT61
7	AT142	DBMS Lab	AT92



<b>Section-B, Part-I</b>			
1	AT113	Operations Research & Engineering Management	AT62
2	AT114	Software Engineering	AT63
3	AT115	Design & Analysis of Algorithms	AT64
4	AT116	Multimedia Systems	AT65
5	AT117	Linux Internals	AT72-E
6	AT143	Analysis & Design of Algorithms Lab	AT93
<b>Elective group-A (Choose any one)</b>			
7	AT121	C # and .Net	AT73-E
8	AT122	Data Mining & Ware Housing	AT78-E
9	AT123	Artificial Intelligence & Neural Networks	AT74-E
10	AT124	UNIX Systems Programs	AT71-E
<b>Section-B, Part-II</b>			
1	AT118	Software Architecture	<b>No Equivalent</b>
2	AT119	Data Communication & Computer Networks	AT67
3	AT120	Java & Web Programming	AT68
4	AT144	Java & Web Programming Lab	AT94
5	AT135	Project Work	AT69
6	AT136	Seminar	AT70
<b>Elective group-B (Choose any one)</b>			
7	AT125	Software Testing	<b>No Equivalent</b>
8	AT126	Mobile Application Development	<b>No Equivalent</b>
9	AT127	e-Commerce	AT77-E
10	AT128	Internet Applications	AT75-E
11	AT129	Cyber Crimes & IPR	<b>No Equivalent</b>
<b>Elective group-C (Choose any one)</b>			
12	AT130	Compiler Design	<b>No Equivalent</b>
13	AT131	Cloud Computing	<b>No Equivalent</b>
14	AT132	Cryptography & Network Security	AT76-E
15	AT133	System Modeling & Simulation	<b>No Equivalent</b>
<b>Following can be appeared at any time but together</b>			
1	AT137	Communication skills & Technical writing(Oral)	AT98
2	AT138	Communication skills & Technical writing	AT99

**Equivalency Chart for Transition from Current to New Scheme –  
DIPIETE (ET)**

S. No.	Sub Code	Subject Name	Equivalent Current Scheme Sub Code
<b>Section-A, Part-I</b>			
1	DE101	Engineering Mathematics - I	DE51
2	DE102	Fundamentals of Electrical & Electronics	DE52
3	DE103	Computer Fundamentals & C Programming	DE53
4	DE104	Electronic Engineering Materials	DE54
5	DE141	C Programming Lab	DE91
<b>Section-A, Part-II</b>			
1	DE105	Engineering Mathematics – II	DE55
2	DE106	Analog Electronics	DE56
3	DE107	Networks & Transmission Lines	DE57
4	DE108	Logic Design	DE58
5	DE142	Analog Electronics Lab	DE92
<b>Section-B, Part-I</b>			
1	DE109	Electronic Instrumentation & Measurements	DE59
2	DE110	Power Electronics	DE71-E
3	DE111	Microprocessors & Microcontrollers	DE60
4	DE112	Analog Communications	DE61
5	DE113	Telecommunication Switching Systems	DE62
6	DE143	Logic Design Lab	DE93
<b>Section-B, Part-II</b>			
1	DE114	Digital Communications	DE63
2	DE115	Embedded Systems	DE67-E
3	DE135	Project Work	DE64
4	DE136	Seminar	<b>No Equivalent</b>
5	DE144	Analog & Digital Communications Lab	DE94
<b>Elective group-A (Choose any one)</b>			
6	DE116	Wireless & Mobile Communications	DE66
7	DE117	Television Engineering and Broadcasting	<b>No Equivalent</b>
8	DE118	Data Communication & Networks	DE69
9	DE119	Advanced Communication Systems	<b>No Equivalent</b>
<b>Elective group-B (Choose any one)</b>			
10	DE120	Control Engineering	DE65-E
11	DE121	Verilog HDL and VLSI Design	<b>No Equivalent</b>
12	DE122	Object Oriented Programming with C++	DE70-E
13	DE123	Java & Web Programming	<b>No Equivalent</b>
<b>Following can be appeared at any time but together</b>			
1	DE137	Communication skills & Technical writing (Oral)	DE98
2	DE138	Communication skills & Technical writing	DE99

**Equivalency Chart for Transition from Current to New Scheme –  
DIPIETE (CS)**

<b>S. No.</b>	<b>Sub Code</b>	<b>Subject Name</b>	<b>Equivalent Current Scheme Sub Code</b>
<b>Section-A, Part-I</b>			
1	DC101	Engineering Mathematics - I	DC51
2	DC102	Fundamentals of Electrical & Electronics	DC52
3	DC103	Computer Fundamentals & C Programming	DC53
4	DC104	Data Structures	DC54
5	DC141	C & Data Structures lab	DC91
<b>Section-A, Part-II</b>			
1	DC105	Engineering Mathematics – II	DC55
2	DC106	Object Oriented Programming with C++	DC56
3	DC107	Computer Organization	DC57
4	DC108	Logic Design	DC58
5	DC142	OOPS Lab	DC92
<b>Section-B, Part-I</b>			
1	DC109	Analysis & Design of Information Systems	DC59
2	DC110	Operating Systems & Systems Software	DC61
3	DC111	Microprocessors & Microcontrollers	DC68-E
4	DC112	Database Management Systems	DC62
5	DC113	Java & Web Programming	DC60
6	DC143	Java & Web Programming Lab	DC93
<b>Section-B, Part-II</b>			
1	DC114	Data Communication & Networks	DC63
2	DC115	Software Engineering	DC65-E
3	DC135	Project Work	DC64
4	DC136	Seminar	<b>No Equivalent</b>
5	DC144	DBMS Lab	DC94
<b>Elective group-A (Choose any one)</b>			
6	DC116	Computer Graphics & Visualization	<b>No Equivalent</b>
7	DC117	C# & .NET	DC69-E
8	DC118	Internet Applications	DC71-E
9	DC119	Cloud Computing	<b>No Equivalent</b>
<b>Elective group-B (Choose any one)</b>			
10	DC120	Software Testing	<b>No Equivalent</b>
11	DC121	Embedded Systems	DC67-E
12	DC122	Mobile Application Development	<b>No Equivalent</b>
13	DC123	Network Management	DC70-E
<b>Following can be appeared at any time but together</b>			
1	DC137	Communication skills & Technical writing (Oral)	DC98
2	DC138	Communication skills & Technical writing	DC99