

KCG COLLEGE OF TECHNOLOGY
KARAPAKKAM, CHENNAI 600 097

April 4, 2019

Summary of the meeting with Heads of the Departments held on 03.04.2019 at 2.15 p.m.

Based on the revised Regulation of 2017 the Anna University has introduced a course as an Open Elective-I for the students in the 5th Semester Undergraduate Engineering program from the Academic year 2019-2020 and for the students in the 7th Semester Undergraduate Engineering Program from the academic year 2020-2021.

For this Open Elective-I each of the Board of Studies has offered a number of courses varying from seven to twenty six. Each of the student in the 5th semester need to select one open elective through the College Website student login.

The number of seats for each elective is limited to sixty and a course will be offered only if more than 20 candidates opt for the elective.

If the number of students who registered for the programme had already reached the maximum permissible then the student should give the next choice and confirm the registration.

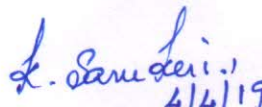
In the Heads of the Department meeting, the Principal has analysed the resources available and have come up with the list of Open Elective –I from which each and every one of the student has to opt for one elective.

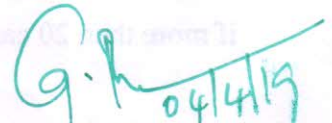
All this confirmation need to be done on or before 15th April 2019 positively through your institutional mail id.

1. The Principal explained about the need for finalising Open Elective – I for all the subjects
2. The Principal has informed that the Open Elective timetable will be fixed at the same time for all the Branches & the sections of 5th Semester (Total 4 periods – Tuesday morning 1st and 2nd hour & Thursday morning 3rd and 4th hour)
3. After detailed discussion the number of electives to be offered & its shown in Appendix –I
4. The department which will be handling these electives are also shown in Appendix – I

Contd...

5. It was decided to inform about the electives that would be offered for different branches should be informed to the students on or before 6th April 2019.
6. The registration for the open elective I must be done by each and every student through their college login id of the Vth Semester (Current IV Semester). The courses will be allotted on first come first basis. (The instruction for registering through student login is being prepared in consultation with Palpap Software Solutions (ERP) and the exact date and time starting of the registration will be from **10.00 a.m. on 10th April 2019** and will close by **4.15 p.m. on 15th April 2019**)
7. Dean Academic and the Principal will make arrangements for the students registration for open elective


4/4/19
Dean (Academic)


04/4/19
Principal

APPENDIX – I

List of Courses offered as open elective – I for the students of the specific Departments

Sl.No*	Code	Subject	CIVIL(3)
1	OAI551	Environment and Agriculture	✓
31	OME551	Energy Conservation and Management	✓
39	ORO551	Renewable Energy Sources	✓

Sl.No*	Code	Subject	AERO (10)
4	OAN551	Sensors and Transducers	✓
5	OAT551	Automotive Systems	✓
13	OCE551	Air Pollution and Control Engineering	✓
25	OIM552	Lean Manufacturing	✓
26	OIT551	Database Management Systems	✓
27	OIT552	Cloud Computing	✓
33	OME553	Industrial Safety Engineering	✓
34	OMF551	Product Design and Development	✓
37	OPT551	Fibre Reinforced Plastics	✓
39	ORO551	Renewable Energy Sources	✓

Sl.No*	Code	Subject	CSE & IT(3)
4	OAN551	Sensors and Transducers	✓
10	OBT552	Basics of Bioinformatics	✓
14	OCE552	Geographic Information System	✓

Sl.No*	Code	Subject	EEE (5)
4	OAN551	Sensors and Transducers	✓
13	OCE551	Air Pollution and Control Engineering	✓
26	OIT551	Database Management Systems	✓
27	OIT552	Cloud Computing	✓
28	OMD551	Basic of Biomedical Instrumentation	✓

Sl.No*	Code	Subject	ECE(6)
8	OBM552	Medical Physics	✓
9	OBT551	Introduction to Bioenergy and Biofuels	✓
26	OIT551	Database Management Systems	✓
27	OIT552	Cloud Computing	✓
28	OMD551	Basic of Biomedical Instrumentation	✓
39	ORO551	Renewable Energy Sources	✓

Sl.No*	Code	Subject	EIE(4)
13	OCE551	Air Pollution and Control Engineering	✓
26	OIT551	Database Management Systems	✓
27	OIT552	Cloud Computing	✓
32	OME552	Vibration and Noise Control	✓

Sl.No*	Code	Subject	MECH (7)
4	OAN551	Sensors and Transducers	✓
5	OAT551	Automotive Systems	✓
13	OCE551	Air Pollution and Control Engineering	✓
25	OIM552	Lean Manufacturing	✓
26	OIT551	Database Management Systems	✓
34	OMF551	Product Design and Development	✓
39	ORO551	Renewable Energy Sources	✓

APPENDIX – I

Course and the handling Department

Sl.No*	Code	Subject	Handling # Department
1	OAI551	Environment and Agriculture	CHEM
4	OAN551	Sensors and Transducers	EIE
5	OAT551	Automotive Systems	AUTO
8	OBM552	Medical Physics	PHYSICS
9	OBT551	Introduction to Bioenergy and Biofuels	MECH
10	OBT552	Basics of Bioinformatics	CHEM & PHY
13	OCE551	Air Pollution and Control Engineering	CIVIL
14	OCE552	Geographic Information System	CIVIL
25	OIM552	Lean Manufacturing	MECH
26	OIT551	Database Management Systems	IT
27	OIT552	Cloud Computing	CSE
28	OMD551	Basic of Biomedical Instrumentation	ECE
31	OME551	Energy Conservation and Management	MECH
32	OME552	Vibration and Noise Control	AERO
33	OME553	Industrial Safety Engineering	MECH
34	OMF551	Product Design and Development	MECH/ECE/EEE /CSE
37	OPT551	Fibre Reinforced Plastics	CHEM
39	ORO551	Renewable Energy Sources	EEE

Please note the subject handling department can request for help from other departments well in advance specifying the topics/unit/s

* Refers to the sl.no in the Total list of Open Elective I enclosed herewith

6

ANNA UNIVERSITY, CHENNAI

SEMESTER V OPEN ELECTIVE-I

Sl.No	Code	Subject	AERO	CIVIL	CSE	ECE	EEE	EIE	IT	MECH	Total
1	OAI551	Environment and Agriculture	✓	✓						✓	3
2	OAI552	Participatory Water Resources Management	✓							✓	2
3	OAI553	Production Technology of Agricultural Machinery	✓	✓						✓	3
4	OAN551	Sensors and Transducers	✓	✓	✓		✓		✓	✓	6
5	OAT551	Automotive Systems	✓				✓	✓		✓	4
6	OAT552	Internal Combustion Engines	✓							✓	2
7	OBM551	Bio Chemistry	✓		✓	✓			✓		4
8	OBM552	Medical Physics	✓		✓	✓			✓	✓	5
9	OBT551	Introduction to Bioenergy and Biofuels			✓	✓			✓		3
10	OBT552	Basics of Bioinformatics			✓				✓		2
11	OBT553	Fundamentals of Nutrition			✓	✓			✓		3
12	OBT554	Principles of Food Preservation	✓		✓	✓			✓	✓	5
13	OCE551	Air Pollution and Control Engineering	✓		✓	✓	✓	✓	✓	✓	7
14	OCE552	Geographic Information System	✓		✓	✓			✓	✓	5
15	OCH551	Industrial Nanotechnology		✓	✓	✓			✓		4
16	OCH552	Principles of Chemical Engineering	✓							✓	2
17	OCS551	Software Engineering		✓		✓					2
18	OCY551	Advanced Engineering Chemistry					✓	✓			2
19	OEC552	Soft Computing			✓				✓		2
20	OEI551	Logic and Distributed Control Systems			✓	✓			✓		3
21	OEI552	SCADA System and Applications Management				✓					1
22	OIC551	Biomedical Instrumentation	✓							✓	2
23	OIC552	State Variable Analysis And Design	✓							✓	2
24	OIM551	World Class Manufacturing	✓		✓	✓			✓	✓	5
25	OIM552	Lean Manufacturing	✓							✓	2
26	OIT551	Database Management Systems	✓			✓	✓	✓		✓	5
27	OIT552	Cloud Computing	✓			✓	✓	✓		✓	5
28	OMD551	Basic of Biomedical Instrumentation			✓	✓	✓		✓		4
29	OMD552	Hospital Waste Management			✓	✓			✓		3
30	OMD553	Telehealth Technology			✓	✓			✓		3
31	OME551	Energy Conservation and Management	✓	✓	✓	✓			✓		5
32	OME552	Vibration and Noise Control		✓			✓	✓			3
33	OME553	Industrial Safety Engineering	✓		✓				✓		3
34	OMF551	Product Design and Development	✓		✓	✓	✓	✓	✓	✓	7
35	OML551	Introduction To Nanotechnology	✓							✓	2
36	OML552	Microscopy	✓		✓	✓			✓	✓	5
37	OPT551	Fibre Reinforced Plastics	✓							✓	2
38	OPY551	Herbal Technology			✓	✓			✓		3
39	ORO551	Renewable Energy Sources	✓	✓		✓				✓	4
40	OTL551	Space Time Wireless Communication			✓	✓			✓		3
41	OTL552	Digital Audio Engineering			✓	✓			✓		3
42	OTL553	Telecommunication Network Management	✓		✓	✓			✓	✓	5
43	OTL554	Wavelets and its Applications			✓	✓			✓		3
Total			26	8	25	26	9	7	25	23	149

ANNA UNIVERSITY, CHENNAI
SEMESTER VII OPEN ELECTIVE-II

Sl.No	Code	Subject	AERO	CIVIL	CSE	ECE	EEE	EIE	IT	MECH	Total
1	OAE751	Fundamentals of Combustion								✓	1
2	OAE752	Principles of Flight Mechanics				✓				✓	2
3	OAI751	Agricultural Finance, Banking and Co-operation	✓	✓	✓	✓			✓	✓	6
4	OAI752	Integrated Water Resources Management	✓							✓	2
5	OAN751	Low Cost Automation	✓		✓	✓			✓	✓	5
6	OAT751	Production of Automotive Components	✓							✓	2
7	OAT752	Vehicle Styling and Design	✓							✓	2
8	OBM751	Basics of Human Anatomy and Physiology			✓	✓			✓		3
9	OBM752	Hospital Management			✓	✓			✓		3
10	OBT751	Analytical Methods and Instrumentation					✓	✓			2
11	OBT752	Microbiology			✓	✓			✓		3
12	OBT753	Introduction of Cell Biology			✓	✓			✓		3
13	OCE751	Environmental and Social Impact Assessment	✓		✓	✓			✓	✓	5
14	OCH751	Process Modeling and Simulation	✓		✓		✓	✓	✓	✓	6
15	OCH752	Energy Technology			✓	✓			✓		3
16	OCS751	Data Structures and Algorithms	✓			✓				✓	3
17	OCS752	Introduction to C Programming		✓		✓	✓	✓			4
18	OCY751	Waste Water Treatment			✓	✓			✓		3
19	OEC751	Electronic Devices			✓				✓		2
20	OEC752	Communication Networks						✓			1
21	OEC753	Signals and Systems			✓		✓	✓	✓		4
22	OEC754	Medical Electronics			✓				✓		2
23	OEC755	Photonic Networks	✓								1
24	OEC756	MEMS and NEMS			✓				✓		2
25	OEE751	Basic Circuit Theory	✓		✓				✓	✓	4
26	OEE752	Introduction to Renewable Energy Systems			✓				✓		2
27	OEI 751	Introduction to Embedded Systems	✓							✓	2
28	OEN751	Green Building Design	✓	✓	✓	✓			✓	✓	6

ANNA UNIVERSITY, CHENNAI
SEMESTER VII OPEN ELECTIVE-II

7/7

Sl.No	Code	Subject	AERO	CIVIL	CSE	ECE	EEE	EIE	IT	MECH	Total
29	OGI751	Climate Change and its Impact	✓	✓	✓	✓			✓	✓	6
30	OGI752	Fundamentals of Planetary Remote Sensing	✓	✓	✓	✓			✓	✓	6
31	OIC751	Transducer Engineering				✓					1
32	OIE751	Robotics	✓	✓	✓	✓			✓	✓	6
33	OME751	Design of Experiments				✓	✓	✓			3
34	OME752	Supply Chain Management			✓	✓			✓		3
35	OME753	Systems Engineering	✓		✓	✓			✓		4
36	OME754	Industrial Safety		✓		✓		✓			3
37	OMF751	Lean Six Sigma	✓		✓	✓		✓	✓	✓	6
38	OML751	Testing of Materials	✓	✓		✓	✓	✓		✓	6
39	OML752	Electronic Materials	✓		✓				✓	✓	4
40	OML753	Selection of Materials	✓	✓						✓	3
41	OMT751	MEMS and NEMS	✓							✓	2
42	OMV751	Marine Vehicles	✓			✓				✓	3
43	OPR751	Basics in Manufacturing and Metal Cutting Process	✓								1
44	OPR752	Processing of Polymer and Composites	✓								1
45	OPY751	Clinical Trials			✓	✓			✓		3
46	ORO751	Nano Computing	✓							✓	2
47	OTL751	Telecommunication System Modeling and Simulation			✓	✓			✓		3
48	OTT751	Weaving Mechanisms	✓							✓	2
49	OTT752	Textile effluent treatments		✓							1
Total			26	10	26	26	6	9	26	24	153

8.