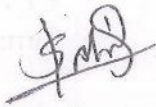


T.Y.B.Sc. Electronics Subject

Sr. No.	Name of Subject According to syllabus 2014 (Old syllabus)	Name of Subject According to syllabus 2017 (New syllabus)
1	ELE 351: Semiconductor Physics Sem I (40+10)	ELE 351: Semiconductor Physics Sem I (60+40)
2	ELE 361: Electrodynamics Sem II (40+10)	ELE 361: Electrodynamics Sem II (60+40)
3	ELE 352: Basic Communication Systems Sem I (40+10)	ELE 352: Basic Communication Systems Sem I (60+40)
4	ELE 362: Advanced Communication System Sem II (40+10)	ELE 362: Advanced Communication Systems Sem II (60+40)
5	ELE 353:Microprocessor I Sem I (40+10)	ELE 353: 8086 Microprocessor Sem I (60+40)
6	ELE 363: Microprocessor II Sem II (40+10)	ELE 363: Microprocessor Interfacing Techniques and Advanced Microprocessors Sem II (60+40)
7	ELE 354: Programming in 'C' Sem I (40+10)	ELE 354: The C Programming Language Sem I (60+40)
8	ELE 364: Numerical Simulation in Electronics Sem II (40+10)	ELE 364: Numerical Simulation in Electronics Sem II (60+40)
9	ELE 355:Microcontrller 8051 Sem I (40+10)	ELE 355: Microcontroller 8051 Sem I (60+40)
10	ELE 365: Embedded Systems Sem II (40+10)	ELE 365: Embedded Systems Sem II (60+40)
11	ELE 356: Consumer Electronics Sem I (40+10)	ELE 356: Advanced Digital System Design Sem I (60+40)
12	ELE 366: Industrial & Power Electronics Sem II (40+10)	ELE 366: Industrial and Power Electronics Sem II (60+40)
13	ELE 357 and 367: General Lab Annual (80+20)	ELE 357: General Lab – I Semiconductor Physics, Basic Communication, PSPICE & VHDL Sem I (60+40)
		ELE 367: General Lab - II Advanced Communication, Power and Industrial Electronics Sem II (60+40)

14	ELE 358 and 368 Microprocessor, Microcontroller, C Annual (80+20)	ELE 358: μ P, μ C and C MATLAB Lab - I Microprocessor, Microcontroller & C Sem I (60+40)
		ELE 368: μ P, μ C and C MATLAB Lab - II Microprocessor, Microcontroller & C Sem II (60+40)
15	ELE 359 and 369: Project Annual (80+20)	ELE 359: Project Part-I Sem I (60+40)
		ELE 369: Project Part-II Sem II (60+40)

Submitted by on 20/06/17 

~~Asst. Prof.~~
28/06/17
Prof. A. S. Bhatnagar
CSOAPS Ghegsey
Science College
Dhule

Prof. Lalit Patil
G. D. B. M. M.
College,
Jalgaon.

North Maharashtra University, Jalgaon
T.Y.B.Sc. (Computer Science)
Equivalent papers for 2014

Semester -I	Equivalent from 2017
UG-CS-311 System Programming	UG-CS-311 System Programming
UG-CS-312 Advanced DBMS	UG-CS-312 Database Management System
UG-CS-313 Software Engineering	UG-CS-313 Software Engineering
UG-CS-314 Computer Aided Graphics	UG-CS-314 Computer Aided Graphics
UG-CS-315 VB.NET	UG-CS-315 Programming in VB.NET
Elective -A UG-CS-316 A) Programming in C# OR Elective -B UG-CS-316 B) JAVA Programming-I	Elective -A UG-CS-316 A) Programming in C# OR Elective -B UG-CS-316 B) JAVA Programming-I
UG-CS-Lab-301 Lab on System Programming & SQL server 2008	UG-CS-Lab-301 Lab on System Programming
UG-CS-Lab-302 Lab on VB.NET, Computer Aided Graphics & Internet Computing	UG-CS-Lab-302 Lab Programming in VB.NET, Computer Aided Graphics
UG-CS-Lab-303 A) Lab on C# & ASP.NET OR UG-CS-Lab-303 B) Lab on JAVA Programming -I & II	UG-CS-Lab-303 A) Lab on C# OR UG-CS-Lab-303 B) Lab on JAVA Programming -I

Semester-II	Equivalent from 2017
UG-CS-321 Operating System	UG-CS-321 Operating System
UG-CS-322 SQL Server 2008	UG-CS-322 MS SQL Server
UG-CS-323 Internet Computing	UG-CS-323 Internet Programming using PHP
UG-CS-324 Theoretical Computer Science	UG-CS-324 Theoretical Computer Science
UG-CS-325 Basics of Microprocessor and Computer Network	UG-CS-325 Computer Network
Elective -A UG-CS-326 A) ASP.NET OR Elective - B UG-CS-326 B) JAVA Programming-II	Elective -A UG-CS-326 A) ASP.NET OR Elective -B UG-CS-326 B) JAVA Programming-II
UG-CS-Lab-301 Lab on System Programming & SQL server 2008	UG-CS-Lab-301 Lab on MS SQL server 2008
UG-CS-Lab-302 Lab on VB.NET, Computer Aided Graphics & Internet Computing	UG-CS-Lab-302 Lab on Internet Programming using PHP
UG-CS-Lab-303 A) Lab on C# & ASP.NET OR UG-CS-Lab-303 B) Lab on JAVA Programming -I & II	UG-CS-Lab-303 A) Lab on ASP.NET OR UG-CS- Lab-303 B) Lab on JAVA Programming - II

B. B. B. B.
09/10/2017

North Maharashtra University, Jalgaon
TYBSc Information Technology

Equivalent papers for 2014

Semester – 1	Equivalent from 2017
UG-IT 311 Database Management Systems	UG-IT-312 Database Management System
UG-IT-312 System Programming	UG-IT-311 System Programming
UG-IT-313 Data Communication	UG-IT-313 Data Communication
UG-IT-314 JAVA Programming I	UG-IT-316 JAVA Programming-I
UG-IT-315 Cyber Law and IT ACT	UG-IT-325 Cyber Law & IT Act
UG-IT-316 Programming in PHP	UG-IT-315 Internet Programming using PHP
UG-IT-LAB- 301 JAVA Programming -I & II	UG-IT-Lab-303 Lab on JAVA Programming -I
UG-IT-LAB- 302 Programming in PHP & Linux Operating System	UG-IT-Lab-302 Lab on Internet Programming using PHP
UG-IT-LAB- 303 System Programming & SQL Server 2008	UG-IT-Lab-301 Lab on System Programming

Semester – II	Equivalent from 2017
UG-IT 321 SQL Server-2008	UG-IT-322 MS SQL Server
UG-IT-322 Operating System	UG-IT-321 Operating System
UG-CS-323 Computer Network and Security	UG-IT-323 Computer Network & Security
UG-IT-324 JAVA Programming II	UG-IT-326 JAVA Programming-II
UG-IT-325 Software Engineering	UG-IT-314 Software Engineering
UG-IT-326 Linux Operating System	UG-IT-324 Automata Theory, Languages, and Computation
UG-IT-LAB- 301 JAVA Programming -I & II	UG-IT-Lab-306 Lab on JAVA Programming II
UG-IT-LAB- 302 Programming in PHP & Linux Operating System	UG-IT-Lab-305 Designing Dynamic Web Portal
UG-IT-LAB- 303 System Programming & SQL Server 2008	UG-IT-Lab-304 Lab on MS SQL Server

Bhaskar

09/10/2017

T.Y.B.Sc. Environmental Science Equivalence Table

2014			2017		
Course code	Title of course	Semester	Course code	Title of course	Semester
Envi: 311	Environmental Pollution – I	I	Envi: 311	Environmental Pollution – I	I
Envi: 312	Biodiversity and its Conservation – I	I	Envi: 312	Biodiversity and its Conservation – I	I
Envi: 313	Basic Concept in Environmental Toxicology – I	I	Envi: 313	Basic Concept in Environmental Toxicology – I	I
Envi: 314	Remote Sensing & GIS – I	I	Envi: 314	Remote Sensing & GIS – I	I
Envi: 315	Instrumental Techniques in Environmental Analysis –I	I	Envi: 315	Instrumental Techniques in Environmental Analysis –I	I
Envi: 316	Environmental Biotechnology – I	I	Envi: 316	Environmental Biotechnology – I	I
Envi: 321	Environmental Pollution – II	II	Envi: 321	Environmental Pollution – II	II
Envi: 322	Biodiversity and its Conservation – II	II	Envi: 322	Biodiversity and its Conservation – II	II
Envi: 323	Basic Concept in Environmental Toxicology – II	II	Envi: 323	Basic Concept in Environmental Toxicology – II	II
Envi: 324	Remote Sensing & GIS – II	II	Envi: 324	Remote Sensing & GIS – II	II
Envi: 325	Instrumental Techniques in Environmental Analysis –II	II	Envi: 325	Instrumental Techniques in Environmental Analysis –II	II
Envi: 326	Environmental Biotechnology – II	II	Envi: 326	Environmental Biotechnology – II	II

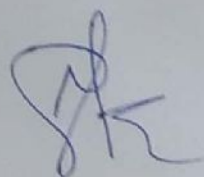
Note: there is no equivalence paper for practical's in T. Y. B.Sc.Environmental Sciences. Please keep old pattern for practical as it is.

Prof. S. T. Ingle
(Chairman)

Ad-hoc BOS, Environment Science

**The equivalences for Theory and practical courses of old pattern
for T. Y. B. Sc. Mathematics are given as follows**

Old Courses (June 2014)	New equivalent courses (June 2017)
MTH : 351 – Metric Spaces	MTH- 351- Topics in Metric Spaces
MTH : 352 – Real Analysis – I	MTH-352-Integral Calculus
MTH : 353 – Abstract Algebra	MTH-353-Modern Algebra
MTH : 354 – Dynamics	MTH-365(B) -Dynamics
MTH : 355(A) – Industrial Mathematics	MTH-361: Lebesgue Integration
MTH : 355(B) – Number Theory	MTH-355(B) Elementary Number Theory
MTH : 356(A) – Programming in C	MTH-355(A) C-Programming
MTH : 356(B) – Lattice Theory	MTH-354 –Lattice Theory
MTH : 361 – Vector Calculus	MTH-356(A) Vector Analysis
MTH : 362 – Real Analysis – II	MTH-362-Method of Real Analysis
MTH : 363 – Linear Algebra	MTH : 363 – Linear Algebra
MTH : 364 – Differential Equations	MTH-364: Ordinary and Partial Differential Equation
MTH : 365(A) – Operation Research	MTH-365(A): Optimization Techniques
MTH : 366(A) – Applied Numerical Methods	MTH-366(A): Applied Numerical Methods
MTH : 366(B) – Differential Geometry	MTH-366(B): Differential Geometry
MTH : 307– Practical Course based on MTH : 351, MTH: 352, MTH: 361, MTH: 362	MTH : 357– Practical Course based on MTH : 351, MTH: 352 MTH : 367– Practical Course based on MTH: 361, MTH: 362
MTH : 308 – Practical Course based on MTH : 353, MTH: 354, MTH: 363, MTH: 364	MTH : 358 – Practical Course based on MTH : 353, MTH: 354 MTH : 368 – Practical Course based on MTH: 363, MTH: 364
MTH : 309 – Practical Course based on MTH : 355, MTH: 356, MTH: 365, MTH: 366	MTH : 359 – Practical Course based on MTH : 355 MTH: 356 MTH : 369 – Practical Course based on MTH: 365, MTH: 366



Dr. A. R. Gotmare
(HOD, Maths)

ACS College, Jamnagar

NORTH MARARASHTRA UNIVERSITY
JALGAON
T.Y.B.Sc.ZOOLOGY

Equivalence for old syllabus 2014

Semester I/V

Codes : 2014 old syllabus	Codes : 2017 new syllabus
ZOO -351 (Non chordate III)	ZOO -351(Non chordate III)
ZOO – 352 (Cell and Molecular Biology)	ZOO – 352 (Cell and Molecular Biology)
ZOO -353 (Developmental Biology)	ZOO -353 (Mammalian histology and Physiology I)
ZOO – 354 (Biochemistry)	ZOO – 354 (Biochemistry)
ZOO -355 (Research Methodology)	ZOO -355 (Systematic, evolution and Palaeontology)
ZOO – 356 A (Biotechnology)	ZOO – 356 A (Biotechnology)
ZOO – 356 B (Sericulture)	ZOO – 356 B (Pest management)
ZOO – 356 C (Animal behaviour)	ZOO – 356 C (Public health and hygiene)
ZOO – 356 D (Aquaculture and fisheries)	ZOO – 356 D (Aquaculture and fisheries)
ZOO – 307 (Practical I)	ZOO- 357 (Practical I)
ZOO -308 (Practical II)	ZOO-358 (Practical II)
ZOO – 308 (Practical III)	ZOO -359 (Practical III)

Semester II/VI

Codes : 2014 old syllabus	Codes : 2017 new syllabus
ZOO -361(Chordate III)	ZOO -361 (Chordate III)
ZOO – 362 (Genetics)	ZOO – 362 (General embryology)
ZOO -363 (Systematic, evolution and Palaeontology)	ZOO -363 (Mammalian histology and Physiology II)
ZOO – 364 (Economic Zoology)	ZOO – 364 (Research Methodology)
ZOO -365 (Microtechnique)	ZOO -365 (Microtechnique)
ZOO – 366 A (Bioinformatics)	ZOO – 366 A (Bioinformatics)
ZOO – 366 B (Agricultural pest and their control)	ZOO – 366 B (Sericulture)
ZOO – 366 C (Toxicology)	ZOO – 366 C (Applied zoology III)
ZOO – 366 D (Public health and hygiene)	ZOO – 366 D (Public health and hygiene)
ZOO – 307 (Practical I)	ZOO- 367 (Practical I)
ZOO -308 (Practical II)	ZOO-368 (Practical II)
ZOO – 309 (Practical III)	ZOO -369 (Practical III)



(Shinde S.V.)

TYBSc Zoology Syllabus reforming coordinator



(Pawar P.H.)

Principal

(Office No. 111/30)
खानदेश शिक्षण मंडळ संघलित

प्रताप महाविद्यालय, अमळनेर

४२५ ४०१ (जि.जळगांव) महाराष्ट्र

☎ ०२५८७ : २२३१०१/२२३१०३ • फॅक्स : ०२५८७ : २२३१०१

ई-मेल e-mail : kespca@rediffmail.com

स्थापना - सन १९४५



Khandesh Education Society's

PRATAP COLLEGE, AMALNER

425 401 (Dist. Jalgaon) Maharashtra

☎ 02587 : 223101 /223103 • Fax - 02587 : 223101

website : www.pca.ac.in

Estd. - Year 1945

UGC Honoured "College With Potential For Excellence (CPE)"



NAAC Reaccredited 'A' Grade (CGPA 3.30)

Ref. No.

Date 05-10-17

To,
The Deputy Registrar,
B.O.S. Section,
North Maharashtra University,
Jalgaon

Sub : To send equivalence paper for practicals at
T.Y.B.Sc. (Statistics).

Sir,

There are no equivalence paper for practicals in
Statistics at T.Y.B.Sc. You are requested to keep old
pattern for practicals as it is.

Thanking you,

Yours faithfully,

Head,

Deptt.of Statistics,
Pratap College, Amalner.