



ANDHRA UNIVERSITY
CIVIL ENGINEERING AND CIVIL ENVIRONMENTAL ENGG.
III/IV B.E./B.TECH. CIVIL ENGINEERING AND
III/VI - INTEGRATED DUAL DEGREE B.E./B.TECH. + M.E./M.TECH. CIVIL ENGG.
MAIN EXAMINATIONS, JULY, 2022
w.e.f. 2019-2020 Admitted Batch – Under CBCS Pattern
III/IV - II SEMESTER
TIME-TABLE

TIME: 9.00 AM TO 12.00 NOON

| DATE | DAY | SUBJECT | CODE No. | MARKS |
|------------|-----------|--|-------------|-------|
| 06-07-2022 | Wednesday | Transportation Engineering | 01BENG 3215 | 70 |
| 07-07-2022 | Thursday | Reinforced Concrete Structures-II | 01BENG 3214 | 70 |
| 08-07-2022 | Friday | Water Resources Engineering-I | 01BENG 3219 | 70 |
| 11-07-2022 | Monday | Estimation, Specifications and Contracts | 01BENG 3212 | 70 |
| 12-07-2022 | Tuesday | Fluid Mechanics-II | 01BENG 3213 | 70 |
| 13-07-2022 | Wednesday | ELECTIVE-II | | |
| | | a) Steel Structures-II | 01BENG 3216 | 70 |
| | | b) Ground Improvement Techniques | 01BENG 3217 | 70 |
| | | c) Irrigation Engineering | 01BENG 3218 | 70 |

3rd YEAR - II SEMESTER

w.e.f. 2015-2016 Admitted Batches for Academic year 2020-2021 Under CBCS Pattern

TIME: 9.00 AM TO 12.00 NOON

| DATE | DAY | SUBJECT | CODE No. | MARKS |
|------------|-----------|---------------------------------------|------------------|-------|
| 06-07-2022 | Wednesday | Transportation Engineering-I | 01BENG 3205 C-19 | 70 |
| 07-07-2022 | Thursday | Reinforced Concrete Structures-II | 01BENG 3201 C-19 | 70 |
| 08-07-2022 | Friday | Steel Structures-II | 01BENG 3202 C-19 | 70 |
| 11-07-2022 | Monday | Geotechnical Engineering-II | 01BENG 3203 C-19 | 70 |
| 12-07-2022 | Tuesday | Fluid Mechanics-III | 01BENG 3204 C-19 | 70 |
| 13-07-2022 | Wednesday | ELECTIVE-II | | |
| | | a) Finite Element Methods of Analysis | 01BENG 3206 C-19 | 70 |
| | | b) Ground Improvement Techniques | 01BENG 3207 C-19 | 70 |
| | | c) Marine Structures | 01BENG 3208 C-19 | 70 |
| | | d) Solid Waste Management | 01BENG 3209 C-19 | 70 |
| | | e) Irrigation Engineering | 01BENG 3210 C-19 | 70 |

Contd...2



**III/IV B.E./B.TECH. CIVIL ENGINEERING & CIVIL ENVIRONMENTAL ENGINEERING AND
III/VI - INTEGRATED DUAL DEGREE B.E./B.TECH. + M.E./M.TECH. CIVIL ENGG.
MAIN EXAMINATIONS, JULY, 2022**

3rd YEAR - II SEMESTER

**w.e.f. 2015-2016 Admitted Batches and after AB
(SUPPLEMENTARY STUDENTS)**

TIME: 9.00 AM TO 12.00 NOON

| DATE | DAY | SUBJECT | CODE No. | MARKS |
|------------|-----------|---------------------------------------|-------------|-------|
| 06-07-2022 | Wednesday | Transportation Engineering-I | 01BENG 3205 | 70 |
| 07-07-2022 | Thursday | Reinforced Concrete Structures-II | 01BENG 3201 | 70 |
| 08-07-2022 | Friday | Steel Structures-II | 01BENG 3202 | 70 |
| 11-07-2022 | Monday | Geotechnical Engineering-II | 01BENG 3203 | 70 |
| 12-07-2022 | Tuesday | Fluid Mechanics-III | 01BENG 3204 | 70 |
| 13-07-2022 | Wednesday | ELECTIVE-II | | |
| | | a) Finite Element Methods of Analysis | 01BENG 3206 | 70 |
| | | b) Ground Improvement Techniques | 01BENG 3207 | 70 |
| | | c) Marine Structures | 01BENG 3208 | 70 |
| | | d) Solid Waste Management | 01BENG 3209 | 70 |
| | | e) Irrigation Engineering | 01BENG 3210 | 70 |

(BY ORDER)

A.U.C.A.O.
VISAKHAPATNAM
DATE: 22-06-2022


(J. RATNAM)
Deputy Registrar (Exams.)

Contd...3



**III/IV B.E./B.TECH. CIVIL ENGINEERING & CIVIL ENVIRONMENTAL ENGINEERING AND
III/VI - INTEGRATED DUAL DEGREE B.E./B.TECH. + M.E./M.TECH. CIVIL ENGG.
MAIN EXAMINATIONS, JULY, 2022**

TIME-TABLE

3rd YEAR - II SEMESTER

for 314 Admitted batches only

(for Integrated Dual Degree 312 (Regd.No.s) Series onwards upto 314 Admitted batches only)

TIME: 9.00 AM TO 12.00 NOON

| DATE | & | DAY | SUBJECT | MARKS |
|---|---|-----------|---|-------|
| W.E.F. 2007-2008 to 2014-2015 ADMITTED BATCH | | | | |
| 06-07-2022 | | WEDNESDAY | STRUCTURAL ANALYSIS-II (01 3225) (COMMON WITH CIVIL ENVI. & MS(CIVIL)) (2014-2015 AB) | 70 |
| 06-07-2022 | | WEDNESDAY | STRUCTURAL ANALYSIS-III (01 3210) (COMMON WITH CIVIL ENVI. & MS(CIVIL)) | 70 |
| 07-07-2022 | | THURSDAY | REINFORCED CONCRETE STRUCTURES-II (01 3211) (COMMON WITH CIVIL ENVI. & MS(CIVIL)) | 70 |
| 08-07-2022 | | FRIDAY | STEEL STRUCTURES-II (01 3226) (COMMON WITH CIVIL ENVI. & MS(CIVIL)) (2014-2015 AB) | 70 |
| 08-07-2022 | | FRIDAY | STEEL STRUCTURES-II (01 3212) (COMMON WITH CIVIL ENVI. & MS(CIVIL)) | 70 |
| 11-07-2022 | | MONDAY | GEOTECHNICAL ENGINEERING-II (01 3213) (COMMON WITH CIVIL ENVI. & MS(CIVIL)) | 70 |
| 12-07-2022 | | TUESDAY | FLUID MECHANICS-III (01 3227) (COMMON WITH CIVIL ENVI. & MS(CIVIL)) (2014-2015 AB) | 70 |
| 12-07-2022 | | TUESDAY | FLUID MECHANICS-III (01 3214) (COMMON WITH CIVIL ENVI. & MS(CIVIL)) | 70 |
| 13-07-2022 | | WEDNESDAY | ELECTIVE-I: (COMMON WITH CIVIL ENVI. & MS(CIVIL)) A) ENVIRONMENTAL IMPACT ANALYSIS (01 3215) B) STRUCTURAL DYNAMICS (01 3216) C) RIVER ENGINEERING (01 3217) D) REMOTESENSING AND GEOGRAPHIC INFORMATION SYSTEMS (01 3218) E) ENVIRONMENTAL IMPACT ASSESSMENT AND MANAGEMENT OF WATER RESOURCES PROJECTS (01 3219) F) OPTIMIZATION TECHNIQUES (01 3220) G) REMOTE SENSING & GIS APPLICATIONS (2014-2015 AB)(01 3229) H) REMOTE SENSING & GIS APPLICATIONS (2012-2013 AB)(01 3221) I) REPAIR AND REHABILITATION OF STRUCTURES (2014-2015) (01 3228) | 70 |

(BY ORDER)

A.U.C.A.O.
VISAKHAPATNAM
DATE: 22-06-2022

*Balaji

(J. RATNAM)
Deputy Registrar (Exams.)



ANDHRA UNIVERSITY
MECHANICAL ENGINEERING
III/IV B.E./B.TECH. MECHANICAL ENGINEERING AND
III/VI - INTEGRATED DUAL DEGREE B.E./B.TECH. + M.E./M.TECH.
MAIN EXAMINATIONS, JULY, 2022
w.e.f. 2019-2020 Admitted Batch – Under CBCS Pattern
III/IV - II SEMESTER
TIME-TABLE

TIME: 9.00 AM TO 12.00 NOON

| DATE | DAY | SUBJECT | CODE No. | MARKS |
|------------|-----------|---------------------------------|-------------|-------|
| 06-07-2022 | Wednesday | Measurements & CNC | 03BENG 3211 | 70 |
| 07-07-2022 | Thursday | CAD / CAM | 03BENG 3212 | 70 |
| 08-07-2022 | Friday | Design of Machine Elements | 03BENG 3218 | 70 |
| 11-07-2022 | Monday | Production Planning and Control | 03BENG 3217 | 70 |
| 12-07-2022 | Tuesday | Applied Thermodynamics-II | 03BENG 3213 | 70 |
| 13-07-2022 | Wednesday | ELECTIVE-II | | |
| | | a) Automobile Engineering | 03BENG 3214 | 70 |
| | | b) Mechanical Vibration | 03BENG 3215 | 70 |
| | | c) Reliability Engineering | 03BENG 3216 | 70 |

3rd YEAR - II SEMESTER

w.e.f. 2015-2016 Admitted Batches for Academic year 2020-2021 Under CBCS Pattern

TIME: 9.00 AM TO 12.00 NOON

| DATE | DAY | SUBJECT | CODE No. | MARKS |
|------------|-----------|---------------------------------|-------------------|-------|
| 06-07-2022 | Wednesday | Fluid Mechanics and Machinery | 03BENG 3201 C- 19 | 70 |
| 07-07-2022 | Thursday | CAD / CAM | 03BENG 3202 C- 19 | 70 |
| 08-07-2022 | Friday | Design of Machine Elements | 03BENG 3203 C- 19 | 70 |
| 11-07-2022 | Monday | Production Planning and Control | 03BENG 3204 C- 19 | 70 |
| 12-07-2022 | Tuesday | Advanced Thermodynamics-II | 03BENG 3205 C- 19 | 70 |
| 13-07-2022 | Wednesday | ELECTIVE-II | | |
| | | a) Automobile Engineering | 03BENG 3206 C- 19 | 70 |
| | | b) Mechanical Vibrations | 03BENG 3207 C- 19 | 70 |
| | | c) Robotics | 03BENG 3208 C- 19 | 70 |
| | | d) Reliability Engineering | 03BENG 3209 C- 19 | 70 |

Contd...2



**III/IV B.E./B.TECH. MECHANICAL ENGINEERING AND
III/VI - INTEGRATED DUAL DEGREE B.E./B.TECH. + M.E./M.TECH.
MAIN EXAMINATIONS, JULY, 2022**

TIME-TABLE

3rd YEAR - II SEMESTER

**w.e.f. 2015-2016 Admitted Batches and after AB
(SUPPLEMENTARY STUDENTS)**

TIME: 9.00 AM TO 12.00 NOON

| DATE | DAY | SUBJECT | CODE No. | MARKS |
|------------|-----------|---------------------------------|-------------|-------|
| 06-07-2022 | Wednesday | Fluid Mechanics and Machinery | 03BENG 3201 | 70 |
| 07-07-2022 | Thursday | CAD / CAM | 03BENG 3202 | 70 |
| 08-07-2022 | Friday | Design of Machine Elements | 03BENG 3203 | 70 |
| 11-07-2022 | Monday | Production Planning and Control | 03BENG 3204 | 70 |
| 12-07-2022 | Tuesday | Advanced Thermodynamics-II | 03BENG 3205 | 70 |
| 13-07-2022 | Wednesday | ELECTIVE-II | | |
| | | a) Automobile Engineering | 03BENG 3206 | 70 |
| | | b) Mechanical Vibrations | 03BENG 3207 | 70 |
| | | c) Robotics | 03BENG 3208 | 70 |
| | | d) Reliability Engineering | 03BENG 3209 | 70 |

3rd YEAR - II SEMESTER

for 314 Admitted batches only

(for Integrated Dual Degree 312 (Regd.No.s) Series onwards upto 314 Admitted batches only)

TIME: 9.00 AM TO 12.00 NOON

| DATE | & | DAY | SUBJECT | MARKS |
|--|---|-----------|---|-------|
| W.E.F. 2007-2008 ADMITTED BATCH | | | | |
| 06-07-2022 | | WEDNESDAY | ENGINEERING THERMODYNAMICS-III(03 3214) | 70 |
| 07-07-2022 | | THURSDAY | MANUFACTURING TECHNOLOGY-III (03 3212) | 70 |
| 08-07-2022 | | FRIDAY | DESIGN OF MACHINE ELEMENTS-I (03 3211) | 70 |
| 11-07-2022 | | MONDAY | FLUID MECHANICS (03 3210) | 70 |
| 12-07-2022 | | TUESDAY | INDUSTRIAL ENGINEERING & MANAGEMENT (03 3213) | 70 |
| 13-07-2022 | | WEDNESDAY | ELECTIVE - II : | 70 |
| | | | A) GAS TURBINES AND JET PROPULSION (03 3215) | |
| | | | B) AUTOMOBILE ENGINEERING (03 3216) | |
| | | | C) TOOL DESIGN (03 3217) | |
| | | | D) PRODUCTION PLANNING AND CONTROL (03 3218) | |
| | | | E) ROBOTICS (03 3219) | |
| | | | F) MECHATRONICS (03 3220) | |

(BY ORDER)

A.U.C.A.O.
VISAKHAPATNAM
DATE: 22-06-2022


(J. RATNAM)
 Deputy Registrar (Exams.)



ANDHRA UNIVERSITY
ELECTRONICS & COMMUNICATION ENGINEERING
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 III/VI -INTEGRATED DUAL DEGREE B.E./B.TECH. + M.E./M.TECH.
MAIN EXAMINATIONS, JULY, 2022

w.e.f. 2019-2020 Admitted Batch – Under CBCS Pattern

III/IV - II SEMESTER

TIME-TABLE

TIME: 9.00 AM TO 12.00 NOON

| DATE | DAY | SUBJECT | CODE No. | MARKS |
|------------|-----------|--|-------------|-------|
| 06-07-2022 | Wednesday | Computer Net Work Engineering | 05BENG 3213 | 70 |
| 07-07-2022 | Thursday | Microprocessor and Micro Controllers | 05BENG 3214 | 70 |
| 08-07-2022 | Friday | Digital Communications | 05BENG 3215 | 70 |
| 11-07-2022 | Monday | Cellular and Mobile Communication | 05BENG 3223 | 70 |
| 12-07-2022 | Tuesday | Digital Image Processing | 05BENG 3221 | 70 |
| 13-07-2022 | Wednesday | ELECTIVE-II | | 70 |
| | | a) Wireless Sensor Networks | 05BENG 3216 | 70 |
| | | b) Micro Electronics | 05BENG 3217 | 70 |
| | | c) EMI / EMC | 05BENG 3218 | 70 |
| | | d) DSP Processors and Architectures | 05BENG 3219 | 70 |
| | | e) Electronic Measurements and Instrumentation | 05BENG 3220 | 70 |
| 14-07-2022 | Thursday | Control Systems | 05BENG 3222 | 70 |

3rd YEAR - II SEMESTER

w.e.f. 2015-2016 Admitted Batches for Academic year 2020-2021 Under CBCS Pattern

TIME: 9.00 AM TO 12.00 NOON

| DATE | DAY | SUBJECT | CODE No. | MARKS |
|------------|-----------|--|-------------------|-------|
| 06-07-2022 | Wednesday | Computer Net Work Engineering | 05BENG 3201 C- 19 | 70 |
| 07-07-2022 | Thursday | Microprocessor and Micro Controllers | 05BENG 3202 C- 19 | 70 |
| 08-07-2022 | Friday | Digital Communications | 05BENG 3203 C- 19 | 70 |
| 11-07-2022 | Monday | Cellular and Mobile Communication | 05BENG 3210 C- 19 | 70 |
| 12-07-2022 | Tuesday | Digital Image Processing | 05BENG 3211 C- 19 | 70 |
| 13-07-2022 | Wednesday | ELECTIVE-II | | 70 |
| | | a) Wireless Sensor Networks | 05BENG 3204 C- 19 | 70 |
| | | b) Micro Electronics | 05BENG 3205 C- 19 | 70 |
| | | c) ASIC Design | 05BENG 3206 C- 19 | 70 |
| | | d) DSP Processors and Architectures | 05BENG 3207 C- 19 | 70 |
| | | e) Electronic Measurements and Instrumentation | 05BENG 3208 C- 19 | 70 |
| | | f) EMI / EMC | 05BENG 3209 C- 19 | 70 |

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ELECTRONICS & COMMUNICATION ENGINEERING
III/IV B.E./B.TECH. ELECTRONICS & COMMUNICATION ENGINEERING AND
III/VI -INTEGRATED DUAL DEGREE B.E./B.TECH. + M.E./M.TECH.
3rd YEAR - II SEMESTER

w.e.f. 2015-2016 Admitted Batches and after AB
(SUPPLEMENTARY STUDENTS)

TIME-TABLE

TIME: 9.00 AM TO 12.00 NOON

| DATE | DAY | SUBJECT | CODE No. | MARKS |
|------------|-----------|--|-------------|-------|
| 06-07-2022 | Wednesday | Computer Net Work Engineering | 05BENG 3201 | 70 |
| 07-07-2022 | Thursday | Microprocessor and Micro Controllers | 05BENG 3202 | 70 |
| 08-07-2022 | Friday | Digital Communications | 05BENG 3203 | 70 |
| 11-07-2022 | Monday | Cellular and Mobile Communication | 05BENG 3210 | 70 |
| 12-07-2022 | Tuesday | Digital Image Processing | 05BENG 3211 | 70 |
| 13-07-2022 | Wednesday | ELECTIVE-II | | 70 |
| | | a) Wireless Sensor Networks | 05BENG 3204 | 70 |
| | | b) Micro Electronics | 05BENG 3205 | 70 |
| | | c) ASIC Design | 05BENG 3206 | 70 |
| | | d) DSP Processors and Architectures | 05BENG 3207 | 70 |
| | | e) Electronic Measurements and Instrumentation | 05BENG 3208 | 70 |
| | | f) EMI / EMC | 05BENG 3209 | 70 |

3rd YEAR - II SEMESTER

for 314 Admitted batches only)

(for Integrated Dual Degree 312 (Regd.No.s) Series onwards upto 314 Admitted batches only)

TIME: 9.00 AM TO 12.00 NOON

| DATE | & | DAY | SUBJECT | MARKS |
|--|----|-----------|---|-------|
| W.E.F. 2007-2008 ADMITTED BATCH | | | | |
| 06-07-2022 | | WEDNESDAY | CONTROL SYSTEMS (06 3216) (COMMON WITH E.E.E.) | 70 |
| 07-07-2022 | | THURSDAY | MICROPROCESSORS & APPLICATIONS (05 3211) | 70 |
| 08-07-2022 | | FRIDAY | DATA STRUCTURES (05 3212) | 70 |
| 11-07-2022 | | MONDAY | COMPUTER NETWORK ENGINEERING (05 3213) | 70 |
| 12-07-2022 | | TUESDAY | DIGITAL COMMUNICATIONS (05 3214) | 70 |
| 13-07-2022 | | WEDNESDAY | ELECTIVE - I: | |
| | | | A) MICRO ELECTRONICS (05 3217) | 70 |
| | | | B) INSTRUMENTATION (05 3218) | 70 |
| | | | C) ELECTRONIC MEASUREMENTS & INSTRUMENTATION (05 3219) | 70 |
| | | | D) CELLULAR AND MOBILE COMMUNICATION (05 3215) | 70 |
| E) EMI / EMC (05 3216) | 70 | | | |

(BY ORDER)

A.U.C.A.O.
VISAKHAPATNAM
DATE: 22-06-2022


(J. RATNAM)
Deputy Registrar (Exams.)



ANDHRA UNIVERSITY

ELECTRICAL AND ELECTRONICS ENGINEERING
III/IV B.E./B.TECH. ELECTRICAL AND ELECTRONICS ENGINEERING AND
III/VI - INTEGRATED DUAL DEGREE B.E./B.TECH. + M.E./M.TECH.
MAIN EXAMINATIONS, JULY, 2022

w.e.f. 2019-2020 Admitted Batch – Under CBCS Pattern

III/IV - II SEMESTER

TIME-TABLE

TIME: 9.00 AM TO 12.00 NOON

| DATE | DAY | SUBJECT | CODE No. | MARKS |
|------------|-----------|---|-------------|-------|
| 06-07-2022 | Wednesday | Power Systems-II | 06BENG 3212 | 70 |
| 07-07-2022 | Thursday | Microprocessors & Micro-Controllers | 06BENG 3214 | 70 |
| 08-07-2022 | Friday | Control Systems | 06BENG 3213 | 70 |
| 11-07-2022 | Monday | Power System Analysis & Stability | 06BENG 3215 | 70 |
| 12-07-2022 | Tuesday | ELECTIVE-II | | 70 |
| | | a) Utilization of Electrical Energy | 06BENG 3216 | 70 |
| | | b) Renewable Energy Sources | 06BENG 3217 | 70 |
| | | c) Energy Management and Auditing | 06BENG 3218 | 70 |
| 13-07-2022 | Wednesday | ELECTIVE-III | | |
| | | d) Power Station Practice | 06BENG 3219 | 70 |
| | | e) Digital Control Systems | 06BENG 3220 | 70 |
| | | f) High Voltage Engineering | 06BENG 3221 | 70 |
| 14-07-2022 | Thursday | OPEN ELECTIVE | | |
| | | a) Industrial Management & Entrepreneurship (Common for Instrumentation Tech.) | 11BENG 3225 | 70 |
| | | b) Organizational behavior | 06BENG 3222 | 70 |
| | | c) Financial Accounting | 06BENG 3223 | 70 |

3rd YEAR - II SEMESTER

w.e.f. 2015-2016 Admitted Batches for Academic year 2020-2021 Under CBCS Pattern

TIME: 9.00 AM TO 12.00 NOON

| DATE | DAY | SUBJECT | CODE No. | MARKS |
|------------|-----------|--|-------------------|-------|
| 06-07-2022 | Wednesday | Power Systems-II | 06BENG 3201 C- 19 | 70 |
| 07-07-2022 | Thursday | Microprocessor and Micro Controllers | 06BENG 3202 C- 19 | 70 |
| 08-07-2022 | Friday | Power Electronics | 06BENG 3203 C- 19 | 70 |
| 11-07-2022 | Monday | Electric Drives and Traction | 06BENG 3204 C- 19 | 70 |
| 12-07-2022 | Tuesday | ELECTIVE-II | | |
| | | a) Energy Auditing Conservation & Management | 06BENG 3205 C- 19 | 70 |
| | | b) Utilization of Electrical Energy (UEE) | 06BENG 3206 C- 19 | 70 |
| | | c) Power Station Practice | 06BENG 3207 C- 19 | 70 |
| 13-07-2022 | Wednesday | ELECTIVE-III | | |
| | | a) Non Conventional Energy Sources | 06BENG 3208 C- 19 | 70 |
| | | b) Digital Control Systems | 06BENG 3209 C- 19 | 70 |
| | | c) Electrical Machine Design | 06BENG 3210 C- 19 | 70 |



**III/IV B.E./B.TECH. ELECTRICAL AND ELECTRONICS ENGINEERING AND
III/VI - INTEGRATED DUAL DEGREE B.E./B.TECH. + M.E./M.TECH.
MAIN EXAMINATIONS, JULY, 2022**

TIME-TABLE

3rd YEAR - II SEMESTER

w.e.f. 2015-2016 Admitted Batches and after AB

TIME: 9.00 AM TO 12.00 NOON

| DATE | DAY | SUBJECT | CODE No. | MARKS |
|------------|-----------|--|-------------|-------|
| 06-07-2022 | Wednesday | Power Systems-II | 06BENG 3201 | 70 |
| 07-07-2022 | Thursday | Microprocessor and Micro Controllers | 06BENG 3202 | 70 |
| 08-07-2022 | Friday | Power Electronics | 06BENG 3203 | 70 |
| 11-07-2022 | Monday | Electric Drives and Traction | 06BENG 3204 | 70 |
| 12-07-2022 | Tuesday | ELECTIVE-II | | 70 |
| | | a) Energy Auditing Conservation & Management | 06BENG 3205 | |
| | | b) Utilization of Electrical Energy (UEE) | 06BENG 3206 | 70 |
| | | c) Power Station Practice | 06BENG 3207 | 70 |
| 13-07-2022 | Wednesday | ELECTIVE-III | | 70 |
| | | a) Non Conventional Energy Sources | 06BENG 3208 | 70 |
| | | b) Digital Control Systems | 06BENG 3209 | 70 |
| | | c) Electrical Machine Design | 06BENG 3210 | 70 |

3rd YEAR - II SEMESTER

for 314 Admitted batches only

(for Integrated Dual Degree 312 (Regd.No.s) Series onwards upto 314 Admitted batches only)

TIME: 9.00 AM TO 12.00 NOON

| DATE | & | DAY | SUBJECT | MARKS |
|--|---|-----------|---|-------|
| W.E.F. 2007-2008 ADMITTED BATCH | | | | |
| 06-07-2022 | | WEDNESDAY | CONTROL SYSTEMS (06 3216) (COMMON WITH E.C.E.) | 70 |
| 07-07-2022 | | THURSDAY | ADVANCED NETWORK THEORY (06 3217) | 70 |
| 08-07-2022 | | FRIDAY | POWER ELECTRONICS (06 3218) | 70 |
| 11-07-2022 | | MONDAY | TRANSMISSION & DISTRIBUTION (06 3219) | 70 |
| 12-07-2022 | | TUESDAY | ELECTRICAL POWER GENERATION & UTILIZATION (06 3220) | 70 |
| 13-07-2022 | | WEDNESDAY | PERFORMANCE AND DESIGN OF ELECTRICAL MACHINES-III (06 3221) | 70 |

(BY ORDER)

A.U.C.A.O.
VISAKHAPATNAM
DATE: 22-06-2022


(J. RATNAM)
 Deputy Registrar (Exams.)



ANDHRA UNIVERSITY

COMPUTER SCIENCE ENGINEERING
III/IV B.TECH. COMPUTER SCIENCE ENGINEERING AND
III/VI - INTEGRATED DUAL DEGREE B.TECH. + M.TECH. IT, SE & NW - DEGREE
MAIN EXAMINATIONS, JULY, 2022

w.e.f. 2019-2020 Admitted Batch – Under CBCS Pattern

III/IV - II SEMESTER

TIME-TABLE

TIME: 9.00 AM TO 12.00 NOON

| DATE | DAY | SUBJECT | CODE No. | MARKS |
|------------|-----------|---|-------------|-------|
| 06-07-2022 | Wednesday | Data Warehousing & Data Mining (Common for CSE & IT) | 07BENG 3220 | 70 |
| 07-07-2022 | Thursday | Web Technologies (Common for CSE & IT) | 07BENG 3213 | 70 |
| 08-07-2022 | Friday | Sensor Networks | 07BENG 3221 | 70 |
| 11-07-2022 | Monday | Compiler Design | 07BENG 3212 | 70 |
| 12-07-2022 | Tuesday | ELECTIVE-II | | |
| | | Computer Graphics | 07BENG 3214 | 70 |
| | | Embedded Systems | 07BENG 3215 | 70 |
| | | Soft Computing | 07BENG 3216 | 70 |
| 13-07-2022 | Wednesday | ELECTIVE-III | | |
| | | Artificial Intelligence (Common for CSE & IT) | 07BENG 3217 | 70 |
| | | Image Processing | 07BENG 3218 | 70 |
| 14-07-2022 | Thursday | Distributed Systems (Common for CSE & IT) | 07BENG 3219 | 70 |

3rd YEAR - II SEMESTER

w.e.f. 2015-2016 Admitted Batches for Academic year 2020-2021 Under CBCS Pattern

TIME: 9.00 AM TO 12.00 NOON

| DATE | DAY | SUBJECT | CODE No. | MARKS |
|------------|-----------|--|-------------------|-------|
| 06-07-2022 | Wednesday | Data Warehousing and Data Mining (Common with I.T.) | 07BENG 3201 C- 19 | 70 |
| 07-07-2022 | Thursday | Object Oriented Software Engineering (Common with I.T.) | 07BENG 3202 C- 19 | 70 |
| 08-07-2022 | Friday | Design and Analysis of Algorithms (Common with I.T.) | 07BENG 3203 C- 19 | 70 |
| 11-07-2022 | Monday | Compiler Design (Common with I.T.) | 07BENG 3209 C- 19 | 70 |
| 12-07-2022 | Tuesday | Cryptography and Network Security (Common with IT) | 07BENG 3210 C- 19 | 70 |
| 13-07-2022 | Wednesday | ELECTIVE-II | | |
| | | a) Cloud Computing | 07BENG 3204 C- 19 | 70 |
| | | b) Soft Computing | 07BENG 3205 C- 19 | |
| | | c) Distributed Systems | 07BENG 3206 C- 19 | 70 |
| | | d) Advanced Computer Architecture | 07BENG 3207 C- 19 | 70 |
| | | e) Computer Graphics | 07BENG 3208 C- 19 | 70 |

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**III/IV B.TECH. COMPUTER SCIENCE ENGINEERING AND
III/VI - INTEGRATED DUAL DEGREE B.TECH. + M.TECH. IT, SE & NW - DEGREE
MAIN EXAMINATIONS, JULY, 2022**

3rd YEAR - II SEMESTER

w.e.f. 2015-2016 Admitted Batches and after AB

TIME: 9.00 AM TO 12.00 NOON

| DATE | DAY | SUBJECT | CODE No. | MARKS |
|----------------------|-------------|--|-------------|-------|
| 06-07-2022 | Wednesday | Data Ware housing and Data Mining (Common with I.T.) | 07BENG 3201 | 70 |
| 07-07-2022 | Thursday | Object Oriented Software Engineering (Common with I.T.) | 07BENG 3202 | 70 |
| 08-07-2022 | Friday | Design and Analysis of Algorithms (Common with I.T.) | 07BENG 3203 | 70 |
| 11-07-2022 | Monday | Compiler Design (Common with I.T.) | 07BENG 3209 | 70 |
| 12-07-2022 | Tuesday | Cryptography and Network Security (Common with IT) | 07BENG 3210 | 70 |
| 13-07-2022 | Wednesday | ELECTIVE-II | | |
| | | a) Cloud Computing | 07BENG 3204 | 70 |
| | | b) Soft Computing | 07BENG 3205 | |
| | | c) Distributed Systems | 07BENG 3206 | 70 |
| | | d) Advanced Computer Architecture | 07BENG 3207 | 70 |
| e) Computer Graphics | 07BENG 3208 | 70 | | |

3rd YEAR - II SEMESTER

for 314 Admitted batches only)

(for Integrated Dual Degree 312 (Regd.No.s) Series onwards upto 314 Admitted batches only)

TIME: 9.00 AM TO 12.00 NOON

| DATE | & | DAY | SUBJECT | MARKS |
|---|---|-----------|---|----------------------------|
| W.E.F. 2007-2008 ADMITTED BATCH W.E.F. 2010-2011 A B | | | | |
| 06-07-2022 | | WEDNESDAY | DATA COMMUNICATIONS (07 3219) | 70 |
| 07-07-2022 | | THURSDAY | DATABASE MANAGEMENT SYSTEMS (07 3218) (COMMON WITH I.T.) | 70 |
| 08-07-2022 | | FRIDAY | DESIGN & ANSLYSIS OF ALGORITHMS (07 3217) (COMMON WITH I.T.) | 70 |
| 11-07-2022 | | MONDAY | COMPILER DESIGN (07 3216) (COMMON WITH I.T.) | 70 |
| 12-07-2022 | | TUESDAY | COMPUTER ARCHITECTURE (07 3224) | 70 |
| 13-07-2022 | | WEDNESDAY | ELECTIVE-II: A) PRINCIPLES OF PROGRAMMING LANGUAGES (07 3220) B) BIO-INFORMATICS (07 3221) C) IMAGE PROCESSING (07 3222) D) V H D L (07 3223) E) WEB TECHNOLOGIES (07 3225) | 70 70 70 70 70 |

(BY ORDER)

A.U.C.A.O.
VISAKHAPATNAM
DATE: 22-06-2022


(J. RATNAM)
Deputy Registrar (Exams.)

B.E.3RD YEAR-II SEM.(TT)



ANDHRA UNIVERSITY
III/IV B.TECH. METALLURGICAL ENGINEERING DEGREE
MAIN EXAMINATIONS, JULY, 2022

w.e.f. 2019-2020 Admitted Batch – Under CBCS Pattern

3rd YEAR - II SEMESTER

TIME-TABLE

TIME: 9.00 AM TO 12.00 NOON

| DATE | DAY | SUBJECT | CODE No. | MARKS |
|------------|-----------|---|-------------|-------|
| 06-07-2022 | Wednesday | Non-Ferrous Extractive Metallurgy-II | 08BENG 3212 | 70 |
| 07-07-2022 | Thursday | Heat Treatment | 08BENG 3208 | 70 |
| 08-07-2022 | Friday | Foundry Practices | 08BENG 3209 | 70 |
| 11-07-2022 | Monday | Metal Forming | 08BENG 3210 | 70 |
| 12-07-2022 | Tuesday | Advances in Steel Making & Production of Ferro Alloys | 08BENG 3211 | 70 |
| 13-07-2022 | Wednesday | ELECTIVE-II Composite Materials | 08BENG 3213 | 70 |

3rd YEAR - II SEMESTER

w.e.f. 2015-2016 Admitted Batches for Academic year 2020-2021 Under CBCS Pattern

TIME: 9.00 AM TO 12.00 NOON

| DATE | DAY | SUBJECT | CODE No. | MARKS |
|------------|-----------|--|-------------------|-------|
| 06-07-2022 | Wednesday | Non-Ferrous Extractive Metallurgy-II | 08BENG 3201 C- 19 | 70 |
| 07-07-2022 | Thursday | Heat Treatment | 08BENG 3202 C- 19 | 70 |
| 08-07-2022 | Friday | Foundry Practices | 08BENG 3203 C- 19 | 70 |
| 11-07-2022 | Monday | Metal Forming | 08BENG 3204 C- 19 | 70 |
| 12-07-2022 | Tuesday | Metal Joining Processes | 08BENG 3205 C- 19 | 70 |
| 13-07-2022 | Wednesday | CBCS-Advanced Materials Science | 08BENG 3206 C- 19 | 70 |

3rd YEAR - II SEMESTER

w.e.f. 2015-2016 Admitted Batches and after AB

TIME: 9.00 AM TO 12.00 NOON

| DATE | DAY | SUBJECT | CODE No. | MARKS |
|------------|-----------|--|-------------|-------|
| 06-07-2022 | Wednesday | Non-Ferrous Extractive Metallurgy-II | 08BENG 3201 | 70 |
| 07-07-2022 | Thursday | Heat Treatment | 08BENG 3202 | 70 |
| 08-07-2022 | Friday | Foundry Practices | 08BENG 3203 | 70 |
| 11-07-2022 | Monday | Metal Forming | 08BENG 3204 | 70 |
| 12-07-2022 | Tuesday | Metal Joining Processes | 08BENG 3205 | 70 |
| 13-07-2022 | Wednesday | CBCS-Advanced Materials Science | 08BENG 3206 | 70 |

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III/IV B.TECH. METALLURGICAL ENGINEERING DEGREE
MAIN EXAMINATIONS, JULY, 2022

3rd YEAR - II SEMESTER

(for 313 (Regd.No.s) Series onwards upto 314 Admitted batches only)

TIME: 9.00 AM TO 12.00 NOON

| DATE | & | DAY | SUBJECT | MARKS |
|--|---|-----------|--|-------|
| W.E.F. 2007-2008 ADMITTED BATCH | | | | |
| 06-07-2022 | | WEDNESDAY | INSTRUMENTATION (08 3211) | 70 |
| 07-07-2022 | | THURSDAY | TESTING OF MATERIALS-II (08 3212) | 70 |
| 08-07-2022 | | FRIDAY | ADVANCED MATERIAL SCIENCE (08 3213) | 70 |
| 11-07-2022 | | MONDAY | STEEL MAKING (08 3214) | 70 |
| 12-07-2022 | | TUESDAY | INDUSTRIAL ENGG. & MANAGEMENT (08 3210) | 70 |
| 13-07-2022 | | WEDNESDAY | ELECTIVE: A) FOUNDRY PRACTICES (08 3215) B) ADVANCES IN CASTING (08 3216) C) ADVANCES IN IRON MAKING (08 3217) | 70 |

(BY ORDER)

A.U.C.A.O.
VISAKHAPATNAM
DATE: 22-06-2022


(J. RATNAM)
Deputy Registrar (Exams.)



ANDHRA UNIVERSITY

**III/IV B.TECH. NAVAL ARCHITECTURE & MARINE ENGINEERING DEGREE
MAIN EXAMINATIONS, JULY, 2022**

**w.e.f. 2019-2020 Admitted Batch – Under CBCS Pattern
II SEMESTER
TIME-TABLE**

TIME: 9.00 AM TO 12.00 NOON

| DATE | DAY | SUBJECT | CODE No. | MARKS |
|------------|-----------|--|-------------|-------|
| 06-07-2022 | Wednesday | Ship Design-II | 28BENG 3213 | 70 |
| 07-07-2022 | Thursday | Marine Manufacturing Technology | 28BENG 3217 | 70 |
| 08-07-2022 | Friday | Strength of Ships | 28BENG 3211 | 70 |
| 11-07-2022 | Monday | (CASD) Computer Aided Ship Design | 28BENG 3218 | 70 |
| 12-07-2022 | Tuesday | Marine Hydrodynamics | 28BENG 3212 | 70 |
| 13-07-2022 | Wednesday | ELECTIVE-II | | 70 |
| | | a) Marine Refrigeration and Air Conditioning | 28BENG 3214 | 70 |
| | | b) Introduction to offshore Structures | 28BENG 3215 | 70 |
| | | c) Ocean Structures and Materials | 28BENG 3216 | 70 |
| 14-07-2022 | Thursday | ELECTIVE-III | | |
| | | Dynamics of Offshore Structures | 28BENG 3219 | 70 |
| | | Marine Diesel Engines | 28BENG 3220 | 70 |
| | | Under water Acoustics | 28BENG 3221 | 70 |

3rd YEAR - II SEMESTER

w.e.f. 2015-2016 Admitted Batches for Academic year 2020-2021 Under CBCS Pattern

TIME: 9.00 AM TO 12.00 NOON

| DATE | DAY | SUBJECT | CODE No. | MARKS |
|------------|-----------|--|-------------------|-------|
| 06-07-2022 | Wednesday | Ship Design-II | 28BENG 3203 C- 19 | 70 |
| 07-07-2022 | Thursday | Marine Manufacturing Technology | 28BENG 3208 C- 19 | 70 |
| 08-07-2022 | Friday | Strength of Ships | 28BENG 3201 C- 19 | 70 |
| 11-07-2022 | Monday | Computer Aided Ship Design | 28BENG 3209 C- 19 | 70 |
| 12-07-2022 | Tuesday | Marine Hydrodynamics | 28BENG 3202 C- 19 | 70 |
| 13-07-2022 | Wednesday | ELECTIVE-II | | |
| | | a) Marine Refrigeration and Air Conditioning | 28BENG 3204 C- 19 | 70 |
| | | b) Introduction to offshore Structures | 28BENG 3205 C- 19 | 70 |
| | | c) Ocean Structures and Materials | 28BENG 3206 C- 19 | 70 |
| | | d) Operation Research | 28BENG 3207 C- 19 | 70 |



**III/IV B.TECH. NAVAL ARCHITECTURE & MARINE ENGINEERING DEGREE
MAIN EXAMINATIONS, JULY, 2022**

3rd YEAR - II SEMESTER

w.e.f. 2015-2016 Admitted Batches and after AB

TIME: 9.00 AM TO 12.00 NOON

| DATE | DAY | SUBJECT | CODE No. | MARKS |
|------------|-----------|--|-------------|-------|
| 06-07-2022 | Wednesday | Ship Design-II | 28BENG 3203 | 70 |
| 07-07-2022 | Thursday | Marine Manufacturing Technology | 28BENG 3208 | 70 |
| 08-07-2022 | Friday | Strength of Ships | 28BENG 3201 | 70 |
| 11-07-2022 | Monday | Computer Aided Ship Design | 28BENG 3209 | 70 |
| 12-07-2022 | Tuesday | Marine Hydrodynamics | 28BENG 3202 | 70 |
| 13-07-2022 | Wednesday | ELECTIVE-II | | |
| | | a) Marine Refrigeration and Air Conditioning | 28BENG 3204 | 70 |
| | | b) Introduction to offshore Structures | 28BENG 3205 | 70 |
| | | c) Ocean Structures and Materials | 28BENG 3206 | 70 |
| | | d) Operation Research | 28BENG 3207 | 70 |

3rd YEAR - II SEMESTER

(for 313 (Regd.No.s) Series onwards upto 314 Admitted batches only)

TIME: 9.00 AM TO 12.00 NOON

| DATE | & | DAY | SUBJECT | MARKS |
|--|--|-----------|--|-------|
| W.E.F. 2009-2010 ADMITTED BATCH | | | | |
| 06-07-2022 | | WEDNESDAY | SHIP DESIGN-II (28 3204) | 70 |
| 07-07-2022 | | THURSDAY | MANUFACTURING TECHNOLOGY (28 3201) | 70 |
| 08-07-2022 | | FRIDAY | STRENGTH OF SHIPS (28 3210) (W.E.F. 2011-2012 AB) | 70 |
| 11-07-2022 | | MONDAY | SHIP CONSTRUCTION (28 3209) | 70 |
| 12-07-2022 | | TUESDAY | MARINE HYDRODYNAMICS (28 3203) | 70 |
| 13-07-2022 | | WEDNESDAY | ELECTIVE-II | |
| | | | A) MARINE POWER PLANT ENGINEERING (28 3205) | 70 |
| | | | B) OFFSHORE STRUCTURES (28 3206) | 70 |
| | | | C) OCEAN STRUCTURES AND MATERIALS (28 3207) | 70 |
| | | | D) OPERATIONS RESEARCH (28 3208) | 70 |
| | E) INTRODUCTION TO OFFSHORE STRUCTURES (28 3211) (2011-2012 AB) | 70 | | |

(BY ORDER)

A.U.C.A.O.
VISAKHAPATNAM
DATE: 22-06-2022

*Balaji

(J. RATNAM)

Deputy Registrar (Exams.)



ANDHRA UNIVERSITY

**III/IV B.TECH. III/IV INSTRUMENTATION ENGG. AND
III/VI INTEGRATED DUAL DEGREE B.TECH.+M.TECH. INSTRUMENTATION ENGG. DEGREE
MAIN EXAMINATIONS, JULY, 2022**

w.e.f. 2019-2020 Admitted Batch – Under CBCS Pattern

II SEMESTER

TIME-TABLE

TIME: 9.00 AM TO 12.00 NOON

| DATE | DAY | SUBJECT | CODE No. | MARKS |
|------------|-----------|--|-------------|-------|
| 06-07-2022 | Wednesday | Digital Signal Processing | 11BENG 3216 | 70 |
| 07-07-2022 | Thursday | Process Control and Control Components | 11BENG 3217 | 70 |
| 08-07-2022 | Friday | OPEN ELECTIVE-II | | |
| | | VLSI | 11BENG 3224 | 70 |
| 11-07-2022 | Monday | ELECTIVE-II | | |
| | | a) Power Plant Instrumentation | 11BENG 3218 | 70 |
| | | b) Non-Destructive Testing | 11BENG 3219 | 70 |
| | | c) Fundamentals of Nano Sensors | 11BENG 3220 | 70 |
| 12-07-2022 | Tuesday | ELECTIVE-III | | |
| | | a) Advance Control Theory | 11BENG 3221 | 70 |
| | | b) Advanced Sensing Techniques | 11BENG 3222 | 70 |
| | | c) Design of Instrument Systems | 11BENG 3223 | 70 |
| 14-07-2022 | Thursday | OPEN ELECTIVE-I | | 70 |
| | | Industrial Management & Entrepreneurship | 11BENG 3225 | 70 |

3rd YEAR - II SEMESTER

w.e.f. 2015-2016 Admitted Batches for Academic year 2020-2021 Under CBCS Pattern

TIME: 9.00 AM TO 12.00 NOON

| DATE | DAY | SUBJECT | CODE No. | MARKS |
|------------|-----------|--|-------------------|-------|
| 06-07-2022 | Wednesday | Digital Signal Processing | 11BENG 3201 C- 19 | 70 |
| 07-07-2022 | Thursday | Micro Controller Based Instrumentation | 11BENG 3202 C- 19 | 70 |
| 08-07-2022 | Friday | Process Control and Control Components | 11BENG 3203 C- 19 | 70 |
| 11-07-2022 | Monday | Industrial Electronics | 11BENG 3204 C- 19 | 70 |
| 12-07-2022 | Tuesday | ELECTIVE-III | | |
| | | a) Analytical Instruments | 11BENG 3205 C- 19 | 70 |
| | | b) Advanced Control Theory | 11BENG 3206 C- 19 | 70 |
| | | c) Intelligent Control | 11BENG 3207 C- 19 | 70 |
| | | d) Advanced Sensing Techniques | 11BENG 3208 C- 19 | 70 |
| | | e) Fundamentals of Nano Science and MEMS | 11BENG 3209 C- 19 | 70 |
| 13-07-2022 | Wednesday | ELECTIVE-IV | | |
| | | a) Petro Chemical Instrumentation | 11BENG 3210 C- 19 | 70 |
| | | b) Power Plant Instrumentation | 11BENG 3211 C- 19 | 70 |
| | | c) Steel Plant Instrumentation | 11BENG 3212 C- 19 | 70 |
| | | d) Instrumentation for Special Processes | 11BENG 3213 C- 19 | 70 |
| | | e) Design of Instrument Systems | 11BENG 3214 C- 19 | 70 |

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III/IV B.TECH. INSTRUMENTATION ENGINEERING AND
III/VI - INTEGRATED DUAL DEGREE B.TECH. + M.TECH. - DEGREE
MAIN EXAMINATIONS, JULY, 2022



TIME-TABLE

3rd YEAR - II SEMESTER

w.e.f. 2015-2016 Admitted Batches and after AB

TIME: 9.00 AM TO 12.00 NOON

| DATE | DAY | SUBJECT | CODE No. | MARKS |
|------------|-----------|--|-------------|-------|
| 06-07-2022 | Wednesday | Digital Signal Processing | 11BENG 3201 | 70 |
| 07-07-2022 | Thursday | Micro Controller Based Instrumentation | 11BENG 3202 | 70 |
| 08-07-2022 | Friday | Process Control and Control Components | 11BENG 3203 | 70 |
| 11-07-2022 | Monday | Industrial Electronics | 11BENG 3204 | 70 |
| 12-07-2022 | Tuesday | ELECTIVE-III | | |
| | | a) Analytical Instruments | 11BENG 3205 | 70 |
| | | b) Advanced Control Theory | 11BENG 3206 | 70 |
| | | c) Intelligent Control | 11BENG 3207 | 70 |
| | | d) Advanced Sensing Techniques | 11BENG 3208 | 70 |
| | | e) Fundamentals of Nano Science and MEMS | 11BENG 3209 | 70 |
| 13-07-2022 | Wednesday | ELECTIVE-IV | | |
| | | a) Petro Chemical Instrumentation | 11BENG 3210 | 70 |
| | | b) Power Plant Instrumentation | 11BENG 3211 | 70 |
| | | c) Steel Plant Instrumentation | 11BENG 3212 | 70 |
| | | d) Instrumentation for Special Processes | 11BENG 3213 | 70 |
| | | e) Design of Instrument Systems | 11BENG 3214 | 70 |

3rd YEAR - II SEMESTER

for 314 Admitted batches only


(for Integrated Dual Degree 312 (Regd.No.s) Series onwards upto 314 Admitted batches only)

TIME: 9.00 AM TO 12.00 NOON

| DATE | & | DAY | SUBJECT | MARKS |
|--|---|-----------|--|-------|
| W.E.F. 2007-2008 ADMITTED BATCH | | | | |
| 06-07-2022 | | WEDNESDAY | DIGITAL SIGNAL PROCESSING (11 3210) | 70 |
| 07-07-2022 | | THURSDAY | CONTROL SYSTEMS-II (11 3214) | 70 |
| 08-07-2022 | | FRIDAY | ADVANCED MICROPROCESSORS AND MICRO CONTROLLERS (11 3211) | 70 |
| 11-07-2022 | | MONDAY | INDUSTRIAL ELECTRONICS (11 3212) | 70 |
| 12-07-2022 | | TUESDAY | PROCESS CONTROL AND CONTROL COMPONENTS (11 3213) | 70 |
| 13-07-2022 | | WEDNESDAY | ELECTIVE: | |
| | | | A) PETRO-CHEMICAL INSTRUMENTATION (11 3215) | 70 |
| | | | B) POWER PLANT INSTRUMENTATION (11 3216) | 70 |
| | | | C) STEEL PLANT INSTRUMENTATION (11 3217) | 70 |
| | | | D) INSTRUMENTATION FOR SPECIAL PROCESSES (11 3218) | 70 |

(BY ORDER)

A.U.C.A.O.
VISAKHAPATNAM
DATE: 22-06-2022


(J. RATNAM)
Deputy Registrar (Exams.)

B.E.3RD YEAR-II SEM.(TT)



ANDHRA UNIVERSITY
III/IV B.TECH. INFORMATION TECHNOLOGY ENGG. BRANCH
MAIN EXAMINATIONS, JULY, 2022

w.e.f. 2019-2020 Admitted Batch – Under CBCS Pattern

II SEMESTER

TIME-TABLE

TIME: 9.00 AM TO 12.00 NOON

| DATE | DAY | SUBJECT | CODE No. | MARKS |
|------------|-----------|---|-------------|-------|
| 06-07-2022 | Wednesday | Data Ware Housing and Data Mining (Common with CSE & IT) | 07BENG 3220 | 70 |
| 07-07-2022 | Thursday | Web Technologies (Common with CSE & IT) | 07BENG 3213 | 70 |
| 08-07-2022 | Friday | Cryptography and Network Security | 12BENG 3210 | 70 |
| 11-07-2022 | Monday | Computer Graphics and Multimedia | 12BENG 3207 | 70 |
| 13-07-2022 | Wednesday | ELECTIVE-III | | |
| | | a) Artificial Intelligence (Common with CSE & IT) | 07BENG 3217 | 70 |
| | | b) Image Processing (Common with CSE & IT) | 07BENG 3218 | 70 |
| | | c) Mobile Computing | 12BENG 3209 | 70 |
| 14-07-2022 | Thursday | ELECTIVE-II | | |
| | | a) Distributed Systems (Common with CSE & IT) | 07BENG 3219 | 70 |
| | | b) Information Retrieval | 12BENG 3208 | 70 |

3rd YEAR - II SEMESTER

w.e.f. 2015-2016 Admitted Batches for Academic year 2020-2021 Under CBCS Pattern

TIME: 9.00 AM TO 12.00 NOON

| DATE | DAY | SUBJECT | CODE No. | MARKS |
|------------|-----------|---|-------------------|-------|
| 06-07-2022 | Wednesday | Data Ware housing and Data Mining (Common with CSE) | 07BENG 3201 C- 19 | 70 |
| 07-07-2022 | Thursday | Object Oriented Software Engineering (Common with CSE) | 07BENG 3202 C- 19 | 70 |
| 08-07-2022 | Friday | Design and Analysis of Algorithms (Common with CSE) | 07BENG 3203 C- 19 | 70 |
| 11-07-2022 | Monday | Compiler Design (Common with CSE) | 07BENG 3209 C- 19 | 70 |
| 12-07-2022 | Tuesday | Cryptography and Network Security (Common with CSE) | 07BENG 3210 C- 19 | 70 |
| 13-07-2022 | Wednesday | Elective: E-Commerce | 12BENG3203 C- 19 | 70 |

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**III/IV B.TECH. INFORMATION TECHNOLOGY ENGINEERING DEGREE
MAIN EXAMINATIONS, JULY, 2022**

3rd YEAR - II SEMESTER

**w.e.f. 2015-2016 Admitted Batches and after AB
(SUPPLEMENTARY STUDENTS)**

TIME-TABLE

TIME: 9.00 AM TO 12.00 NOON

| DATE | DAY | SUBJECT | CODE No. | MARKS |
|------------|-----------|---|-------------|-------|
| 06-07-2022 | Wednesday | Data Ware housing and Data Mining (Common with CSE) | 07BENG 3201 | 70 |
| 07-07-2022 | Thursday | Object Oriented Software Engineering (Common with CSE) | 07BENG 3202 | 70 |
| 08-07-2022 | Friday | Design and Analysis of Algorithms (Common with CSE) | 07BENG 3203 | 70 |
| 11-07-2022 | Monday | Compiler Design (Common with CSE) | 07BENG 3209 | 70 |
| 12-07-2022 | Tuesday | Cryptography and Network Security (Common with CSE) | 07BENG 3210 | 70 |
| 13-07-2022 | Wednesday | Elective: E-Commerce | 12BENG3203 | 70 |

**3rd YEAR - II SEMESTER
(for 314 Admitted batches only)**

TIME: 9.00 AM TO 12.00 NOON

| DATE | & | DAY | SUBJECT | MARKS |
|--|---|-----------|---|-------|
| W.E.F. 2007-2008 ADMITTED BATCH | | | | |
| 06-07-2022 | | WEDNESDAY | COMPUTER NETWORKS (12 3215) | 70 |
| 07-07-2022 | | THURSDAY | DATABASE MANAGEMENT SYSTEMS (07 3218) (COMMON WITH C.S.E) | 70 |
| 08-07-2022 | | FRIDAY | DESIGN & ANALYSIS OF ALGORITHMS (07 3217) (COMMON WITH C.S.E.) | 70 |
| 11-07-2022 | | MONDAY | COMPILER DESIGN (07 3216) (COMMON WITH C.S.E.) | 70 |
| 12-07-2022 | | TUESDAY | WEB TECHNOLOGIES (12 3216) | 70 |
| 13-07-2022 | | WEDNESDAY | OPERATIONS RESEARCH (12 3217) | 70 |

(BY ORDER)

A.U.C.A.O.
VISAKHAPATNAM
DATE: 22-06-2022


(J. RATNAM)
 Deputy Registrar (Exams.)



III/IV B.TECH. III/IV CHEMICAL ENGINEERING
III/VI INTEGRATED DUAL DEGREE B.TECH.+M.TECH. CHEMICAL ENGG.

MAIN EXAMINATIONS, JULY, 2022

w.e.f. 2019-2020 Admitted Batch – Under CBCS Pattern

II SEMESTER

TIME-TABLE

TIME: 9.00 AM TO 12.00 NOON

| DATE | DAY | SUBJECT | CODE No. | MARKS |
|------------|-----------|---|-------------|-------|
| 06-07-2022 | Wednesday | Mass Transfer-II | 13BENG 3222 | 70 |
| 07-07-2022 | Thursday | Chemical Reaction Engineering-I | 13BENG 3213 | 70 |
| 08-07-2022 | Friday | Process Engineering & Economics | 13BENG 3214 | 70 |
| 11-07-2022 | Monday | Transport Phenomena | 13BENG 3221 | 70 |
| 12-07-2022 | Tuesday | ELECTIVE-II | | |
| | | a) Process Modelling and Simulation | 13BENG 3215 | 70 |
| | | b) Petroleum Chemicals | 13BENG 3216 | 70 |
| | | c) White ware and Heavy Clay ware | 13BENG 3217 | 70 |
| | | d) Computational Fluid Dynamics | 13BENG 3218 | 70 |
| | | e) Multi component Separation Processes | 13BENG 3219 | 70 |
| 13-07-2022 | Wednesday | OPEN ELECTIVE | | |
| | | Nano Science & Technology | 13BENG 3223 | 70 |

3rd YEAR - II SEMESTER

w.e.f. 2015-2016 Admitted Batches for Academic year 2020-2021 Under CBCS Pattern

TIME: 9.00 AM TO 12.00 NOON

| DATE | DAY | SUBJECT | CODE No. | MARKS |
|------------|-----------|---|-------------------|-------|
| 06-07-2022 | Wednesday | Mass Transfer-II | 13BENG 3201 C- 19 | 70 |
| 07-07-2022 | Thursday | Chemical Reaction Engineering-I | 13BENG 3202 C- 19 | 70 |
| 08-07-2022 | Friday | Process Instrumentation | 13BENG 3203 C- 19 | 70 |
| 11-07-2022 | Monday | Chemical Engineering Mathematics | 13BENG 3204 C- 19 | 70 |
| 12-07-2022 | Tuesday | Process Dynamics and Control | 13BENG 3205 C- 19 | 70 |
| 13-07-2022 | Wednesday | ELECTIVE-II | | |
| | | a) Computer Application in Chemical Engg. | 13BENG 3206 C- 19 | 70 |
| | | b) Process Modelling and Simulation | 13BENG 3207 C- 19 | 70 |
| | | c) Petroleum Refining | 13BENG 3208 C- 19 | 70 |
| | | d) White ware and Heavy Clay ware | 13BENG 3209 C- 19 | 70 |
| | | e) Computational Fluid Dynamics | 13BENG 3210 C- 19 | 70 |
| | | f) Multi component Separation Processes | 13BENG 3211 C- 19 | 70 |



**III/IV B.TECH. III/IV CHEMICAL ENGINEERING
III/VI INTEGRATED DUAL DEGREE B.TECH.+M.TECH. CHEMICAL ENGG.
MAIN EXAMINATIONS, JULY, 2022**

TIME-TABLE

3rd YEAR - II SEMESTER

w.e.f. 2015-2016 Admitted Batches and after AB

TIME: 9.00 AM TO 12.00 NOON

| DATE | DAY | SUBJECT | CODE No. | MARKS |
|------------|-----------|---|-------------|-------|
| 06-07-2022 | Wednesday | Mass Transfer-II | 13BENG 3201 | 70 |
| 07-07-2022 | Thursday | Chemical Reaction Engineering-I | 13BENG 3202 | 70 |
| 08-07-2022 | Friday | Process Instrumentation | 13BENG 3203 | 70 |
| 11-07-2022 | Monday | Chemical Engineering Mathematics | 13BENG 3204 | 70 |
| 12-07-2022 | Tuesday | Process Dynamics and Control | 13BENG 3205 | 70 |
| 13-07-2022 | Wednesday | ELECTIVE-II | | |
| | | a) Computer Application in Chemical Engg. | 13BENG 3206 | 70 |
| | | b) Process Modelling and Simulation | 13BENG 3207 | 70 |
| | | c) Petroleum Refining | 13BENG 3208 | 70 |
| | | d) White ware and Heavy Clay ware | 13BENG 3209 | 70 |
| | | e) Computational Fluid Dynamics | 13BENG 3210 | 70 |
| | | f) Multi component Separation Processes | 13BENG 3211 | 70 |

3rd YEAR - II SEMESTER

for 314 Admitted batches only

(for Integrated Dual Degree 312 (Regd.No.s) Series onwards upto 314 Admitted batches only)

TIME: 9.00 AM TO 12.00 NOON

| DATE | & | DAY | SUBJECT | MARKS |
|--|---|-----------|---|-------|
| CHEMICAL - W.E.F. 2006-2007 ADMITTED BATCH | | | | |
| CHEMICAL WITH ELECTIVE AS PETROLEUM ENGG. - W.E.F. 2009-2010 ADMITTED BATCH | | | | |
| CHEMICAL WITH ELECTIVE AS CERAMIC ENGG. - W.E.F. 2009-2010 ADMITTED BATCH | | | | |
| 06-07-2022 | | WEDNESDAY | CHEMICAL ENGINEERING THERMODYNAMICS-II (13 3215) | 70 |
| 07-07-2022 | | THURSDAY | MASS TRANSFER-II (13 3216) | 70 |
| 08-07-2022 | | FRIDAY | ORGANIC CHEMICAL TECHNOLOGY (13 3218) | 70 |
| 11-07-2022 | | MONDAY | MATERIAL SCIENCE AND ENGINEERING (13 3217) | 70 |
| 12-07-2022 | | TUESDAY | CHEMICAL REACTION ENGINEERING-I (13 3229) (2011-2012 AB) | 70 |
| 13-07-2022 | | WEDNESDAY | ELECTIVE-II | |
| | | | A) POLYMER TECHNOLOGY (13 3220) | 70 |
| | | | B) COMPUTER APPLICATIONS (13 3221) | 70 |
| | | | C) PAPER TECHNOLOGY (13 3222) | 70 |
| | | | D) PROTEIN ENGINEERING (13 3223) | 70 |
| | | | E) COMPUTATIONAL FLUID DYNAMICS (13 3224) | 70 |
| | | | F) FINITE VOLUME METHOD (13 3225) | 70 |
| | | | G) PETROLEUM REFINING (13 3226) | 70 |
| | | | H) BIO-CHEMISTRY (13 3227) | 70 |
| | | | I) WHITEWARE AND HEAVY CLAYWARE (13 3228) | 70 |

(BY ORDER)

A.U.C.A.O.
VISAKHAPATNAM
DATE: 22-06-2022


(J. RATNAM)
 Deputy Registrar (Exams.)



ANDHRA UNIVERSITY

III/IV B.TECH. BIOTECHNOLOGY ENGG.

MAIN EXAMINATIONS, JULY, 2022

w.e.f. 2019-2020 Admitted Batch – Under CBCS Pattern

II SEMESTER

TIME-TABLE**TIME: 9.00 AM TO 12.00 NOON**

| DATE | DAY | SUBJECT | CODE No. | MARKS |
|------------|-----------|---|-------------|-------|
| 06-07-2022 | Wednesday | Chemical Reaction Engineering | 15BENG 3211 | 70 |
| 07-07-2022 | Thursday | Immunology | 15BENG 3213 | 70 |
| 08-07-2022 | Friday | Engineering Economics and Bioprocess Design | 15BENG 3212 | 70 |
| 11-07-2022 | Monday | Bioinformatics | 15BENG 3214 | 70 |
| 12-07-2022 | Tuesday | Bioprocess Engineering | 15BENG 3215 | 70 |
| 13-07-2022 | Wednesday | ELECTIVE-I | | 70 |
| | | a) Pharmaceutical Biotechnology | 15BENG 3216 | 70 |
| | | b) Animal Cell Culture and Hybridoma Technology | 15BENG 3217 | 70 |
| | | c) Cancer Biology | 15BENG 3218 | 70 |
| | | d) Stem Cells in Health Care | 15BENG 3219 | 70 |
| | | e) Intellectual Property Rights | 15BENG 3220 | 70 |

3rd YEAR - II SEMESTER**w.e.f. 2015-2016 Admitted Batches for Academic year 2020-2021 Under CBCS Pattern****TIME: 9.00 AM TO 12.00 NOON**

| DATE | DAY | SUBJECT | CODE No. | MARKS |
|------------|-----------|---|-------------------|-------|
| 06-07-2022 | Wednesday | Chemical Reaction Engineering | 15BENG 3201 C- 19 | 70 |
| 07-07-2022 | Thursday | Immunology | 15BENG 3202 C- 19 | 70 |
| 08-07-2022 | Friday | Engineering Economics and Bioprocess Engg. | 15BENG 3203 C- 19 | 70 |
| 11-07-2022 | Monday | Bioprocess Engineering | 15BENG 3204 C- 19 | 70 |
| 12-07-2022 | Tuesday | Process Control | 15BENG 3205 C- 19 | 70 |
| 13-07-2022 | Wednesday | ELECTIVE-I | | |
| | | a) Pharmaceutical Biotechnology | 15BENG 3206 C- 19 | 70 |
| | | b) Animal Cell Culture and Hybridoma Technology | 15BENG 3207 C- 19 | 70 |
| | | c) Cancer Biology | 15BENG 3208 C- 19 | 70 |
| | | d) Stem Cells in Health Care | 15BENG 3209 C- 19 | 70 |

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**III/IV B.TECH. BIOTECHNOLOGY ENGG.
MAIN EXAMINATIONS, JULY, 2022**

TIME-TABLE

3rd YEAR - II SEMESTER

w.e.f. 2015-2016 Admitted Batches and after AB

TIME: 9.00 AM TO 12.00 NOON

| DATE | DAY | SUBJECT | CODE No. | MARKS |
|------------|-----------|---|-------------|-------|
| 06-07-2022 | Wednesday | Chemical Reaction Engineering | 15BENG 3201 | 70 |
| 07-07-2022 | Thursday | Immunology | 15BENG 3202 | 70 |
| 08-07-2022 | Friday | Engineering Economics and Bioprocess Engg. | 15BENG 3203 | 70 |
| 11-07-2022 | Monday | Bioprocess Engineering | 15BENG 3204 | 70 |
| 12-07-2022 | Tuesday | Process Control | 15BENG 3205 | 70 |
| 13-07-2022 | Wednesday | ELECTIVE-I | | |
| | | a) Pharmaceutical Biotechnology | 15BENG 3206 | 70 |
| | | b) Animal Cell Culture and Hybridoma Technology | 15BENG 3207 | 70 |
| | | c) Cancer Biology | 15BENG 3208 | 70 |
| | | d) Stem Cells in Health Care | 15BENG 3209 | 70 |

3rd YEAR - II SEMESTER

(for 313 (Regd.No.s) Series onwards upto 314 Admitted batches only)

TIME: 9.00 AM TO 12.00 NOON

| DATE | & | DAY | SUBJECT | MARKS |
|--|---|-----------|---|-------|
| W.E.F. 2009-2010 ADMITTED BATCH | | | | |
| 06-07-2022 | | WEDNESDAY | BIO-PROCESS ENGINEERING (15 3227) | 70 |
| 07-07-2022 | | THURSDAY | DOWN STREAM PROCESSING (15 3228) | 70 |
| 08-07-2022 | | FRIDAY | CHEMICAL REACTION ENGINEERING (15 3226) | 70 |
| 11-07-2022 | | MONDAY | ENVIRONMENTAL BIO-TECHNOLOGY (15 3229) | 70 |
| 12-07-2022 | | TUESDAY | BIO-STATISTICS (15 3225) | 70 |
| 13-07-2022 | | WEDNESDAY | ELECTIVE-II | 70 |
| | | | 1) Pharmaceutical Biotechnology (15 3230) | |
| | | | 2) Cancer Biology (15 3231) | |
| | | | 3) Animal Cell Culture & Hybridoma Technology (15 3232) | |
| | | | 4) Stem cells in Health care (15 3233) | |

(BY ORDER)

A.U.C.A.O.
VISAKHAPATNAM
DATE: 22-06-2022


(J. RATNAM)
 Deputy Registrar (Exams.)



ANDHRA UNIVERSITY

**III/IV B.TECH. GEOINFORMATICS ENGINEERING
MAIN EXAMINATIONS, JULY, 2022**

w.e.f. 2019-2020 Admitted Batch – Under CBCS Pattern

II SEMESTER

TIME-TABLE

TIME: 9.00 AM TO 12.00 NOON

| DATE | DAY | SUBJECT | CODE No. | MARKS |
|------------|-----------|---|-------------|-------|
| 06-07-2022 | Wednesday | Geological Engineering | 26BENG 3209 | 70 |
| 07-07-2022 | Thursday | Geographic Information System-II | 26BENG 3210 | 70 |
| 08-07-2022 | Friday | Artificial Intelligence | 26BENG 3211 | 70 |
| 11-07-2022 | Monday | Geodesy and GPS | 26BENG 3212 | 70 |
| 12-07-2022 | Tuesday | Digital Image Processing-I | 26BENG 3213 | 70 |
| 13-07-2022 | Wednesday | ELECTIVE-II | | 70 |
| | | a) Geoinformatics for Ocean Resources Evaluation | 26BENG 3214 | 70 |
| | | b) Mathematical Morphology in Image Processing | 26BENG 3215 | 70 |
| | | c) Geoinformatics for Forestry and Ecology | 26BENG 3216 | 70 |
| | | d) Web Technology for GIS Mapping and Programming | 26BENG 3217 | 70 |

3rd YEAR - II SEMESTER

w.e.f. 2015-2016 Admitted Batches for Academic year 2020-2021 Under CBCS Pattern

TIME: 9.00 AM TO 12.00 NOON

| DATE | DAY | SUBJECT | CODE No. | MARKS |
|------------|-----------|--|-------------------|-------|
| 06-07-2022 | Wednesday | Geological Engineering | 26BENG 3201 C- 19 | 70 |
| 07-07-2022 | Thursday | Geographic Information Systems-II | 26BENG 3202 C- 19 | 70 |
| 08-07-2022 | Friday | Elements of Cartography | 26BENG 3203 C- 19 | 70 |
| 11-07-2022 | Monday | Geodesy and GPS | 26BENG 3204 C- 19 | 70 |
| 12-07-2022 | Tuesday | Digital Image Processing-I | 26BENG 3205 C- 19 | 70 |
| 13-07-2022 | Wednesday | ELECTIVE-II | | |
| | | a) Geoinformatics for Ocean Resources Evaluation | 26BENG 3206 C- 19 | 70 |
| | | b) Mathematical Morphology in Image Processing | 26BENG 3207 C- 19 | 70 |

Contd...2



**III/IV B.TECH. GEOINFORMATICS ENGINEERING
MAIN EXAMINATIONS, JULY, 2022**

TIME-TABLE

3rd YEAR - II SEMESTER

**w.e.f. 2015-2016 Admitted Batches and after AB
(SUPPLEMENTARY STUDENTS)**

TIME: 9.00 AM TO 12.00 NOON

| DATE | DAY | SUBJECT | CODE No. | MARKS |
|------------|-----------|--|-------------|-------|
| 06-07-2022 | Wednesday | Geological Engineering | 26BENG 3201 | 70 |
| 07-07-2022 | Thursday | Geographic Information Systems-II | 26BENG 3202 | 70 |
| 08-07-2022 | Friday | Elements of Cartography | 26BENG 3203 | 70 |
| 11-07-2022 | Monday | Geodesy and GPS | 26BENG 3204 | 70 |
| 12-07-2022 | Tuesday | Digital Image Processing-I | 26BENG 3205 | 70 |
| 13-07-2022 | Wednesday | ELECTIVE-II | | |
| | | a) Geoinformatics for Ocean Resources Evaluation | 26BENG 3206 | 70 |
| | | b) Mathematical Morphology in Image Processing | 26BENG 3207 | 70 |

3rd YEAR - II SEMESTER

(for 312 (Regd.No.s) Series onwards upto 314 Admitted batches only)

TIME: 9.00 AM TO 12.00 NOON

| DATE | & | DAY | SUBJECT | MARKS |
|--|---|-----------|---|-------|
| W.E.F. 2007-2008 ADMITTED BATCH | | | | |
| 06-07-2022 | | WEDNESDAY | WEB PROGRAMMING & APPLICATIONS (26 3208) (W.E.F. 2011-2012 AB) | 70 |
| 07-07-2022 | | THURSDAY | GEOGRAPHIC INFORMATION SYSTEMS-I (26 3202) | 70 |
| 08-07-2022 | | FRIDAY | ELEMENTS OF CARTOGRAPHY (26 3203) | 70 |
| 11-07-2022 | | MONDAY | GEODESY AND G P S (26 3204) | 70 |
| 12-07-2022 | | TUESDAY | DIGITAL IMAGE PROCESSING-II (26 3205) | 70 |
| 13-07-2022 | | WEDNESDAY | ELECTIVE - II : | |
| | | | A) GEOINFORMATICS FOR OCEAN RESOURCES EVALUATION (26 3206) | 70 |
| | | | B) MATHEMATICAL MORPHOLOGY IN IMAGE PROCESSING (26 3207) | 70 |

(BY ORDER)

A.U.C.A.O.
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(J. RATNAM)
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