

ANNAMACHARYA

INSTITUTE OF TECHNOLOGY & SCIENCES



HAND BOOK 2017-18

Name (Student/ Staff):

Regd. Number/ Designation :

Department/ Branch :

Approved by AICTE, New Delhi & Permanent Affiliation to JNTUA, Anantapuramu.

Recognized under sections 2(f) & 12(B) of UGC Act 1956.

Three B.Tech Programmes (ECE, EEE & CSE)Accredited by NBA-New Delhi

Accredited by NAAC-Bangalore & IEl Kolkata,

A-Grade awarded by AP Knowledge Mission

Venkatapuram (V), Karakambadi Road, Renigunta (M), Tirupati – 517 520

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1. Vision & Mission

VISION OF THE INSTITUTE

The Institute envisions a premiere, innovative experience that offers students essential skills, knowledge, and ethical frame works to address need based real-world problems. The Institute strives to produce graduates who value life – long learning and achieve their personal and professional goals by effecting positive social change.

MISSION OF THE INSTITUTE

The Institute provides a diverse community of adult learners with engineering education that lays the foundation for life – long learning. The Institute provides students with the opportunity to transform themselves into career professionals empowered to effect positive social change in their families, work places and communities.

- 1. The Institute provides an effective learning environment that helps professionals apply their acquired skills and knowledge.*
- 2. The Institute provides for competent development, ethical management and technology for the benefit of organization and communities.*
- 3. The Institute strives to educate and prepare professionals to be effective and ethical manager and leaders in the fields of engineering sciences.*

2. ABOUT THE INSTITUTION

Annamacharya Institute of Technology & Sciences, Tirupati, (AITT), was established in **2007** in the picturesque and pleasant environs of Tirupati, and is ideally located on a sprawling 40 acre green campus with serene atmosphere and congenial learning practices, and is sponsored by the esteemed Annamacharya Educational Trust (Regd.135/IV/97), Hyderabad. Attributing the historical importance, Annamacharya, the beloved disciple of Lord Venkateswara, always cherishes to find his berth at his lotus feet; symbolically, the institute christened the name of Annamacharya is established at the foot of Seven Hills the abode of lord Venkateswara.

It has a resort like atmosphere, which is refreshing and exhilarating at the same time. The campus comprises of aesthetically designed buildings of plinth area of 32000 sq. m that are networked by Wi-Fi technology. The Institution is established in favour of students for learning with modern workshops, state-of-art laboratories, computer and Internet facilities, seminar halls, spacious auditorium, well-equipped departmental libraries, digital library in addition to central library and sports facilities.

Annamacharya Institute of Technology & Sciences, Tirupati, Offers five (05) UG courses in Engineering namely, Computer Science & Engineering (120), Electrical & Electronics Engineering (180), Electronics & Communication Engineering (180), Mechanical Engineering (180) and Civil Engineering (180); eight (08) PG courses in Engineering namely, Computer Science and Engineering (18), Computer Science (24), Digital Systems and Computer Electronics (18), Digital Electronics and Communication Systems (24), Power Electronics (24), Power Systems (24), Structural Engineering (24), Production Engineering & Engineering Design (24) and other PG course MBA with an intake of 180.

Annamacharya Institute of Technology & Sciences, Tirupati, is approved by AICTE, New Delhi, and obtained permanent affiliation status from Jawaharlal Nehru Technology University Anantapur (JNTUA),

Anantapuramu, from 2014-15 itself and also recognized under section 2(f) & 12 (B) of the UGC Act, 1956.

This institution has been very consistent in producing quality output and always stood in top three institutions in overall pass rate in the university results out of 150 institutions affiliated to the JNTUA, Anantapuramu.

Impressed by the growth of infrastructure, performance of the students in exams, training being given to the pre-final and final year students, top MNCs like Infosys, GENPACT, Tech Mahindra, AMARA RAJA, MEIL, UNiSYS, OpenText, HCL, IBM, CapGemini, Robert Bosch, Syntel, GGK Technologies, SHOPPERS STOP, have visited this campus and recruited 155 students out of 246 eligible first class students during 2014-15 and is striving to improve further years.

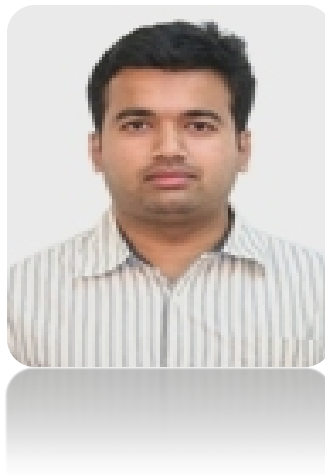
3. BEHIND THE WHEEL



Shri. C. Gangi Reddy

Secretary AET

A man of excellent vision and a person committed to the cause of education. **Shri. C. Gangi Reddy** founded the institution with the noble idea of providing world-class education to students from different academic/social backgrounds. He has been in the field of education for the past 20 years, and has established renowned engineering colleges with the name Annamacharya Institute of Technology and Sciences, across the state. He has raised the bar on technical education in engineering colleges with his valuable efforts.



Mr. C. Abhishek Reddy

Executive Director

Mr. C. Abhishek Reddy pursued MBA from Cardiff School of Management (U.K.) with specialization in international marketing and project

management. He worked as an advisor for an MNC (Halifax Bank of Scotland) in London. He was also a student coordinator for various industrial visits to France, Belgium, Netherlands and Switzerland. Added to these he is an alumni of The London School of Economics and Political Science with specialization in Entrepreneurship and Global Leadership.



Dr. C.Nadhamuni Reddy

PRINCIPAL

Dr. C.Nadhamuni Reddy did his schooling in Chittoor district itself and 10+2 in Govt Junior college, Valmikipuram and finished his B.Tech(Mechanical Engineering) in 1988 and M.Tech Industrial Engineering from S.V.University College of Engineering, Tirupati in 1990. After his M.Tech, joined as Junior Industrial Engineer in Singareni Collieries and stayed there only for three months and then shifted his interests to teaching career and worked as Lecturer in K.L College of Engineering, Vijayawada (Presently K.L University).

He worked with G.Pulla Reddy Engineering College (GPREC), Kurnool as Assistant Professor, Associate Professor in Mechanical Engineering and as Professor in Industrial and Production Engineering Department for more than 10 years and was very active with additional responsibilities of camp officer for spot valuation, Commissioning of new labs for Industrial and Production Engineering department, students' association activities etc. during his stay at GPREC. He was awarded Ph.D in Industrial Engineering by Sri Krishnadevaraya University, Anantapur in 1998. During his stay at GPREC,

Kurnool he authored three text books viz. (1) Industrial Engineering and Management for New Age International Publishers, (2) Reliability and Quality Engineering for Galgotia Publishers and (3) Optimization methods & Operations Research for Kurnool publishers. He has authored so far 40 papers for International journals and a few presented / published in the proceedings of International conferences. Also authored 70 plus research papers/articles in national journals.

Later, he worked for two academic years as Professor & HOD of Mechanical Engineering at Annamacharya Institute of Technology & Sciences, Rajampet during 2000-02. In search of better schooling for his children, on his request, he got relief from AITS, Rajampet and worked with a couple of institutions as principal for short spans and from 2004 he has been with Sri Venkatesa Perumal College of Engineering and Technology, Puttur for more than 11 years as Principal and guided the stakeholders there for obtaining NBA & NAAC accreditations, and now joining us here in AITS, Tirupati. He has guided/supervised 10 Ph.D works under JNTUH Hyderabad and JNTUA Anantapur and of them, nine candidates awarded and one waiting for viva voce examination. He did one UGC Minor Research project along with one Dr. M.V. Subba Reddy and submitted in December 2014. He received many awards from voluntary non-governmental organisations such as - "Indira Gandhi Excellence Award" by Indian Solidarity Council, New Delhi for 2005-2006. And "Best Education in excellence award" by Nations Economic for Health and Educational Growth, New Delhi for 2008 and also "Jewel of Indian Award" by International Institution of Education & Research, New Delhi. "Rashtriya Gaurav Award" by "Indian International Friendship Society", New Delhi received in a function at Hyderabad.













4. COURSES OFFERED

B.Tech (UG)	
Branch	Intake
Electronics and Communication Engineering	180
Electrical and Electronics Engineering	120
Computer Science Engineering	120
Civil Engineering	180
Mechanical Engineering	180

M.Tech (PG)	
Department & Specialization	Intake
ECE - Digital Systems & Computer Electronics	18
ECE - Digital Electronics & Communication Systems	24
EEE - Power Systems	24
EEE - Power Electronics	24
CSE - Computer Science	24
CSE - Computer Science & Engineering	18
Civil - Structural Engineering	24
MEC - Production Engineering & Engineering Design	24

MBA (PG)	
Specialization	Intake
Master of business administration	180

5. PLACEMENTS RECORDS OF 2016 – 17

Company Name	Placed
	13
	08
	09
	11
	06
	07
	09
	12
	03
	34
	83
	13

Company Name	Placed
	05
	17
	03
	07
	02
	02
	06
	14
	07
	11
	03
	03

6. IMPORTANT INSTRUCTIONS TO STUDENTS

1. College functions from 9:10 A.M to 4:50 P.M. everyday
2. Every Student should attend the classes regularly and should maintain an attendance of not less than 75% in every Semester to get eligible for External Examinations. Students who stood attendance less than 65% will be detained at the end of the Semester as per the norms of JNTUA.
3. Student should wear Identity Card compulsory during class work and Examinations
4. College Main gate will be closed everyday by 10 A.M. sharp. No Student is allowed into the College premises after 10 A.M.
5. Student should take permission from Departmental HOD and Principal / Director in writing to leave the College during College working hours on any day due to their personal works
6. Students should be aware about the various activities such as Seminars / Conferences / Symposiums/ Guest Lectures, etc planned by the College / Department from time to time and should participate in all the activities to improve their personal profile
7. Students should read the rules and regulations of JNTUA which are printed in the respective Syllabus books and should follow accordingly.
8. Every student must abide by the rules and regulations of the college.
9. Ragging is totally prohibited in the College and if found severe action will be initiated by the College on the involved students as per the law and Anti-Ragging act. However Anti ragging committee is formed for 2015-16 and students can approach the committee in case of any difficulty is faced by them.
10. Students are to wear formal dress in the College. However wearing T- Shirts/ Jeans are not allowed
11. Students should not involve in any unwanted issues in the College and should behave politely throughout their stay in the College
12. Students shall visit our College web site www.aits-tpt.edu.in for all updates and day to day programs
13. Remedial classes will be arranged for all the weaker students at the end of every semester and hence students can utilize this opportunity
14. The absence of the student to any class on any day will be intimated to the parents in the form of SMS from the College office
15. Students shall watch the College and departmental notice boards periodically to update the various information pertaining to academics, examinations and administration.

7. ACADEMIC Regulations 2013 (R13) for B. Tech (Regular-Full time)

(Effective for the students admitted into I year from the Academic Year 2013-2014 onwards)

1. Award of B.Tech. Degree

A student will be declared eligible for the award of the B.Tech. Degree if he/she fulfills the following academic regulations:

- i. Pursue a course of study for not less than four academic years and in not more than eight academic years.
- ii. Register for 180 credits and secure all 180 credits.

2. Students, who fail to fulfill all the academic requirements for the award of the degree within eight academic years from the year of their admission, shall forfeit their seat in B.Tech. course and their admission stands cancelled.

3. Distribution and Weightage of Marks

3.1 The performance of a student in each semester / I year shall be evaluated subject – wise with a maximum of 100 marks for theory and 75 marks for practical subject. In addition, 'Seminar & Comprehensive Viva-Voce' and Project work shall be evaluated for 75 and 200 marks respectively whereas audit courses shall be evaluated for a maximum of 30 internal marks.

- i) For theory subjects the distribution shall be 30 marks for Internal Evaluation and 70 marks for the End-Examination.
- ii) For practical subjects the distribution shall be 25 marks for Internal Evaluation and 50 marks for the End- Examination.
- iii)

3.2 Internal Examinations:

For theory subjects, during the semester, there shall be two midterm examinations and for first year there shall be three midterm examinations. Each midterm examination consists of objective paper for 10 marks and subjective paper for 20 marks with duration of 1 hour

50 minutes (20 minutes for objective and 90 minutes for subjective paper).

Objective paper shall be for 10 marks. Subjective paper shall contain 5 questions of which student has to answer 3 questions evaluated* for 20 marks.

***Note 1:** The subjective paper shall contain 5 questions of equal weightage of 10 marks and the marks obtained for 3 questions shall be condensed to 20 marks, any fraction(0.5 & above) shall be rounded off to the next higher mark.

***Note 2:** The midterm examination shall be conducted first by distribution of the Objective paper simultaneously marking the attendance, after 20 minutes the answered objective paper is collected back. The student is not allowed to leave the examination hall. Then the descriptive question paper and the answer booklet shall be distributed. After 90minutes the answered booklets are collected back. If the student is absent for the internal examination, no re-exam shall be conducted and internal marks for that examination shall be considered as zero.

In semester pattern, first midterm examination shall be conducted for I,II units of syllabus and second midterm examination shall be conducted for III,IV & V units. Final Internal marks shall be arrived at by considering the marks secured by the student in both the mid examinations with 80% weightage to the better mid exam and 20% to the other. For Ex:

Marks obtained in first mid: 25

Marks obtained in Second mid: 20

Final Internal Marks: $(25 \times 0.8) + (20 \times 0.2) = 24$

If the student is absent for any one midterm examination, the final internal marks shall be arrived at by considering 80% weightage to the marks secured by the student in the appeared examination and zero to the other. For Ex:

Marks obtained in first mid: Absent

Marks obtained in Second mid: 25

Final Internal Marks: $(25 \times 0.8) + (0 \times 0.2) = 20$

For first year, first midterm examination, shall be from unit – I, second midterm examination shall be from II & III units, and third midterm examination shall be from IV & V units. Final Internal marks shall be arrived at by considering the marks secured by the student in all the three mid examinations with 80% weightage to the average marks of the best two midterm examinations and 20% to the other. For Ex:

Marks obtained in First mid : 25

Marks obtained in Second mid: 20

Marks obtained in Third mid: 15

Average of Better mid exams: $(25+20)/2 = 22.5$

Final Internal Marks: $(22.5 \times 0.8) + (15 \times 0.2) = 21$

If the student is absent for any one mid examination, final internal marks shall be arrived at by considering 80% weightage to the average marks secured by the student in the appeared midterm examinations and zero to the other. For Ex:

Marks obtained in First mid: Absent

Marks obtained in Second mid: 25

Marks obtained in Third mid: 20

Average of Better mid exams: $(25+20)/2 = 22.5$

Final Internal Marks: $(22.5 \times 0.8) + (0 \times 0.2) = 18$

If the student is absent for two mid examinations, final internal marks shall be arrived as below:

Marks obtained in First mid: Absent

Marks obtained in Second mid: Absent

Marks obtained in Third mid: 25

Average of Better mid exams: $(25+0.0)/2 = 12.5$

Final Internal Marks: $(12.5 \times 0.8) + (0 \times 0.2) = 10$

3.3 End Examinations:

- i. End examination of theory subjects shall have the following pattern:
 - a. There shall be 6 questions and all questions are compulsory.
 - b. Question 1 shall contain 10 compulsory short answer questions for a total of 20 marks such that each question carries 2 marks. There shall be 2 short answer questions from each unit.
 - c. In each of the questions from 2 to 6, there shall be either-or type questions of 10 marks each. Student shall answer any one of them.
 - d. Each of these questions from 2 to 6 shall cover one unit of the syllabus.
- ii. End examination of theory subjects consisting of two parts of different subjects, for ex: Electrical & Mechanical Technology, shall have the following pattern:
 - a. Question paper shall be in two parts viz., Part A and Part B with equal weightage.
 - b. In each part, there shall be 3 either-or type questions for 12,12 and 11 marks.

Note: The answers for Part A & Part B shall be written in two separate answer books.

3.4 For practical subjects there shall be a continuous evaluation during the semester for 25 sessional marks and end examination shall be for 50 marks. Day-to-day work in the laboratory shall be evaluated for 25 marks by the concerned laboratory teacher based on the regularity/record/ viva. The end examination shall be conducted by the concerned laboratory teacher and senior expert in the same subject of the department.

In a practical subject consisting of two parts (ex: Electrical & Mechanical Lab), the end examination shall be conducted for 25 marks in each part.

3.5 For the subject having design and/or drawing, such as Engineering Drawing, Machine Drawing and Estimation, the distribution shall be 30

marks for internal evaluation and 70 marks for end examination. Day to-day work shall be evaluated for 15 marks by the concerned subject teacher based on the reports/submissions prepared in the class. And there shall be two midterm examinations in a semester for duration of 2hrs each for 15 marks with weightage of 80% to better mid marks and 20% for the other. However, when offered in the I year as 5 credit course, there shall be three midterm exams with weightage of 80% to average marks of the best two midterm examinations and 20% for the other. The sum of day to day evaluation and the internal test marks will be the final sessional marks for the subject.

4. Attendance Requirements:

- 4.1 A student shall be eligible to appear for University examinations if he acquires a minimum of 75% of attendance in aggregate of all the subjects in a semester/ I year.
- 4.2 Shortage of Attendance below 65% in aggregate shall in NO case be condoned.
- 4.3 Condonation of shortage of attendance in aggregate up to 10% (65% and above and below 75%) in each semester or I year may be granted by the College Academic Committee.
- 4.4 Students whose shortage of attendance is not condoned in any semester / I year are not eligible to take their end examination of that class and their registration shall stand cancelled.
- 4.5 A student will not be promoted to the next semester unless he satisfies the attendance requirements of the present semester / I year, as applicable. They may seek readmission for that semester / I year when offered next.
- 4.6 A stipulated fee shall be payable towards condonation of shortage of attendance to the University.

5. Minimum Academic Requirements:

The following academic requirements have to be satisfied in addition to the attendance requirements mentioned in item no.4

- 5.1 A student shall be deemed to have satisfied the minimum academic requirements and earned the credits allotted to each theory, practical, design, drawing subject or project if he secures not less than 35% of marks in the end examination and a minimum of 40% of marks in the sum total of the internal evaluation and end examination taken together. In case of audit courses and the seminar & comprehensive viva – voce he/she should secure 40% of the total marks.
- 5.2 A student shall be promoted from II to III year only if he/she fulfils the academic requirement of securing 26 credits of the subjects that have been studied up to II year I semester from the following examinations, irrespective of whether the candidate takes the end examination or not as per the normal course of study.
- One regular and one supplementary examinations of I year.
 - One regular examination of II year I semester
- 5.3 A student shall be promoted from third year to fourth year only if he/she fulfils the academic requirements of securing 44 credits of the subjects that have been studied up to III year I semester from the following examinations, irrespective of whether the candidate takes the end examination or not as per the normal course of study.
- Two regular and two supplementary examinations of I year.
 - Two regular and one supplementary examinations of II year I semester.
 - One regular and one supplementary examinations of II year II semester.
 - One regular examination of III year I semester.

And in case if student is detained for want of credits for particular academic year by sections above, the student may make up the credits through supplementary exams of the above exams before the commencement of third or fourth year I semester class work respectively of next year

8. ACADEMIC REGULATIONS for the award of Full Time M.Tech. P.G. Degree (WITH EFFECT FROM THE ACADEMIC YEAR 2013-14)

The Jawaharlal Nehru Technological University Anantapur shall confer M.Tech. Post Graduate degree to candidates who are admitted to the Master of Technology Programs and fulfil all the requirements for the award of the degree.

1 ELIGIBILITY FOR ADMISSIONS:

Admission to the above programme shall be made subject to the eligibility, qualifications and specialization prescribed by the University for each Programme, from time to time. Admissions shall be made either on the basis of merit rank obtained by the qualified candidates at an Entrance Test conducted by the University or on the basis of GATE / PGECET score, subject to reservations prescribed by the University or Government policies from time to time.

2 COURSE WORK:

- 2.1 A Candidate after securing admission must pursue the M.Tech. course of study for Four semesters duration.
- 2.2 Each semester shall be of 20 weeks duration including all examinations.
- 2.3 A candidate admitted to a programme should complete it within a period equal to twice the prescribed duration of the programme from the date of admission.

3 ATTENDANCE:

- 3.1 A candidate shall be deemed to have eligibility to write end semester examinations if he has put in atleast 75% of attendance on cumulative basis of all subjects/courses in the semester.
- 3.2 Condonation of shortage of attendance up to 10% i.e., from 65% and above and less than 75% may be given by the college on the recommendation of the Principal.

- 3.3 Condonation of shortage of attendance shall be granted only on genuine and valid reasons on representation by the candidate with supporting evidence.
- 3.4 If the candidate does not satisfy the attendance requirement he is detained for want of attendance and shall reregister for that semester. He / she shall not be promoted to the next semester.

4 EVALUATION

The performance of the candidate in each semester shall be evaluated subject wise, with a maximum of 100 marks for Theory and 100 marks for practicals, on the basis of Internal Evaluation and End Semester Examination.

- 4.1 For the theory subjects 60% of the marks will be for the External End Examination. While 40% of the marks will be for Internal Evaluation, based on the better of the marks secured in the two Mid Term-Examinations held, one in the middle of the Semester (I-IV units) and another immediately after the completion of instruction (V-VIII) units with Three questions to be answered out of four in 2 hours, evaluated* for 40 marks.

***Note:** All the Questions shall be of equal weightage of 10 marks and the marks obtained for 3 questions shall be extrapolated to 40 marks, any fraction rounded off to the next higher mark

- 4.2 For practical subjects, 60 marks shall be for the End Semester Examinations and 40 marks will be for internal evaluation based on the day to day performance.
- 4.3 For Seminar there will be an internal evaluation of 50 marks. A candidate has to secure a minimum of 50% to be declared successful. The assessment will be made by a board consisting of HOD and two internal experts at the end of IV semester instruction.
- 4.4 A candidate shall be deemed to have secured the minimum academic requirement in a subject if he secures a minimum of 40% of marks in the End Examination and a minimum aggregate of 50%

of the total marks in the End Semester Examination and Internal Evaluation taken together.

- 4.5 In case the candidate does not secure the minimum academic requirement in any of the subjects (as specified in 4.4.) he has to reappear for the Semester Examination either supplementary or regular in that subject, or repeat the course when next offered or do any other specified subject as may be required.

5 RE-REGISTRATION FOR IMPROVEMENT OF INTERNAL EVALUATION MARKS:

Following are the conditions to avail the benefit of improvement of internal evaluation marks.

- 5.1 The candidate should have completed the course work and obtained examinations results for I & II semesters.
- 5.2 He should have passed all the subjects for which the Internal evaluation marks secured are more than 50%.
- 5.3 Out of the subjects the candidate has failed in the examination due to Internal evaluation marks secured being less than 50%, the candidate shall be given one chance for each Theory subject and for a maximum of three Theory subjects for Improvement of Internal evaluation marks.
- 5.4 The candidate has to re-register for the chosen subjects and fulfil the academic requirements.
- 5.5 For each subject, the candidate has to pay a fee equivalent to one third of the semester tuition fee and the amount is to be remitted in the form of D.D. in favour of the Registrar, JNTUA payable at Anantapur along with the requisition through the Principal of the respective college.
- 5.6 In the event of availing the Improvement of Internal evaluation marks, the internal evaluation marks as well as the End Examinations marks secured in the previous attempt(s) for the reregistered subjects stand cancelled.

6 EVALUATION OF PROJECT WORK:

Every candidate shall be required to submit thesis or dissertation after taking up a topic approved by the college/ institute.

- 6.1 Registration of Project work: A candidate is permitted to register for the project work after satisfying the attendance requirement of all the courses (theory and practical courses of I & II Sem)
- 6.2 An Internal Departmental Committee (I.D.C) consisting of HOD, Supervisor and one internal senior expert shall monitor the progress of the project work.
- 6.3 The work on the project shall be initiated in the penultimate semester and continued in the final semester. The duration of the project is for two semesters. The candidate can submit Project thesis with the approval of I.D.C. after 36 weeks from the date of registration at the earliest and one calendar year from the date of registration for the project work. Extension of time within the total permissible limit for completing the programme is to be obtained from the Head of the Institution.
- 6.4 The student must submit status report at least in three different phases during the project work period. These reports must be approved by the I.D.C before submission of the Project Report.
- 6.5 A candidate shall be allowed to submit the thesis / dissertation only after passing in all the prescribed subjects (both theory and practical) and then take viva voce examination of the project. The viva-voce examination may be conducted once in two months for all the candidates submitted during that period.
- 6.6 Three copies of the Thesis / Dissertation certified in the prescribed form by the supervisor & HOD shall be presented to the HOD One copy is to be forwarded to the University and one copy to be sent to the examiner.
- 6.7 The college shall submit a panel of three experts for a maximum of 5 students at a time. However, the thesis / dissertation will be adjudicated by one examiner nominated by the University.

6.8 If the report of the examiner is favorable viva-voce examination shall be conducted by a board consisting of the Supervisor, Head of the Department and the examiner who adjudicated the thesis / dissertation. The board shall jointly report candidates work as:

1. Very Good Grade A
2. Good Grade B
3. Satisfactory Grade C
4. Not satisfactory Grade D

If the report of the viva-voce is not satisfactory (Grade D) the candidate will retake the viva-voce examination after three months. If he fails to get a satisfactory report at the second viva-voce examination he will not be eligible for the award of the degree unless the candidate is permitted to revise and resubmit the thesis.

7 AWARD OF DEGREE AND CLASS:

A candidate shall be eligible for the award of respective degree if he satisfies the minimum academic requirements in every subject and secures „satisfactory“ or higher grade report on his thesis/dissertation and viva-voce. Based on overall percentage of marks obtained, the following class is awarded.

- First class with Distinction: 70% or more
- First class below 70% but not less than 60%
- Second class below 60% but not less than 50%

8 WITH – HOLDING OF RESULTS:

If the candidate has not paid dues to the university or if any case of indiscipline is pending against him, the result of the candidate shall be withheld and he will not be allowed/ promoted into the next higher semester. The issue of degree is liable to be withheld in such cases.

9 TRANSITORY REGULATIONS:

Candidates who have discontinued or have been detained for want of attendance or who have failed after having undergone the course in earlier regulations and wish to continue the course are eligible for

admission into the unfinished semester from the date of commencement of class work with the same or equivalent subjects as and when subjects are offered, subject to 4.5 and 2.3 sections. Whereas they continue to be in the academic regulations they were first admitted.

10 GENERAL:

- i. The academic regulations should be read as a whole for purpose of any interpretation.
- ii. Disciplinary action for Malpractice / improper conduct in examinations is appended.
- iii. There shall be no places transfer within the constituent colleges and affiliated colleges of Jawaharlal Nehru Technological University Anantapur.
- iv. Where the words "he", "him", "his", occur in the regulations, they include "she", "her", "hers".
- v. In the case of any doubt or ambiguity in the interpretation of the above rules, the decision of the Vice-Chancellor is final.
- vi. The University may change or amend the academic regulations or syllabi at any time and the changes or amendments shall be made applicable to all the students on rolls with effect from the dates notified by the University.

9. ACADEMIC REGULATIONS FOR THE AWARD OF FULL TIME M.B.A. DEGREE

(WITH EFFECT FROM THE ACADEMIC YEAR 2014-2015)

The Jawaharlal Nehru Technological University Anantapur shall confer M.B.A Post Graduate degree to candidates who are admitted to the Master of Business Administration Programs and fulfill all the requirements for the award of the degree.

1. ELIGIBILITY FOR ADMISSIONS:

Admission to the above programme shall be made subject to the eligibility, qualifications and specialization prescribed by the University for each programme, from time to time.

- 1.1 Admissions shall be made either on the basis of merit rank obtained by the qualified candidates at an Entrance Test conducted by the University or on the basis of ICET score, subject to reservations prescribed by the University or Government policies from time to time.

2. COURSE WORK:

- 2.1 A Candidate after securing admission must pursue the M.B.A course of study for Four Semesters duration.
- 2.2 Each semester shall be of 20 weeks duration including all examinations.
- 2.3 A candidate admitted to a programme should complete it within a period equal to twice the prescribed duration of the programme from the date of admission.

3. ATTENDANCE

- 3.1 A candidate shall be deemed to have eligibility to write end semester examinations if he has put in at least 75% of attendance on cumulative basis of all subjects/courses in the semester and 50% of minimum attendance should be maintained in each subject.
- 3.2 Condonation of shortage of attendance up to 10% i.e., from 65% and above and less than 75% may be given by the college on the recommendation of the Principal.

- 3.3 Condonation of shortage of attendance shall be granted only on genuine and valid reasons on representation by the candidate with supporting evidence.
- 3.4 If the candidate does not satisfy the attendance requirement, he is detained for want of attendance and shall reregister for that semester. He / she shall not be promoted to the next semester.

4. EVALUATION:

The performance of the candidate in each semester shall be evaluated subject wise, with a maximum of 100 marks for Theory and 100 marks for practicals, on the basis of Internal Evaluation and End Semester Examination.

- 4.1 For the theory subjects 60% of the marks will be for the External End Examination and 40% of the marks will be for Internal Evaluation.
- 4.2 There shall be five units in each of the theory subjects.
- 4.3 Two midterm Examinations shall be held during the semester. First midterm examination shall be conducted for I,II & half of III unit syllabus and second midterm examination shall be conducted for the remaining syllabus. In each mid examination a student shall answer all three questions in 2 hours of time without seeking any choice.

Final internal marks for a total of 40 marks shall be arrived at by considering the marks secured by the students in both mid examinations with 80% weightage to the better mid exam and 20% to the other.

- 4.4 The Following pattern shall be followed to the end examination
 - a. Five questions shall be set from each of the five units with either/or type for 10 Marks each and 6th question shall be the case study for 10 marks.
 - b. All the questions have to be answered compulsorily.
 - c. Each question may consist of one, two or more bits.

- 4.5 For practical subjects, 60 marks shall be for the End Semester Examinations and 40 marks will be for internal evaluation based on the day to day performance.
- 4.6 For Seminar there will be an internal evaluation of 50 marks. A candidate has to secure a minimum of 50% to be declared successful. The assessment will be made by a board consisting of HOD and two internal experts at the end of the semester instruction.
- 4.7 Out of a total of 200 marks for the project work, 80 marks shall be for Internal Evaluation and 120 marks for the End Semester Examination. The End Semester Examination (viva-voce) shall be conducted by an External examiner nominated by the university, HOD & Supervisor as a committee. The evaluation of project work shall be conducted at the end of the IV semester. The Internal Evaluation shall be made by the departmental committee, on the basis of two seminars given by each student on the topic of his project.
- 4.8 A candidate shall be deemed to have secured the minimum academic requirement in a subject if he secures a minimum of 40% of marks in the End Examination and a minimum aggregate of 50% of the total marks in the End Semester Examination and Internal Evaluation taken together.
- 4.9 In case the candidate does not secure the minimum academic requirement in any subject (as specified in 4.8) he has to reappear for the Semester Examination either supplementary or regular in that subject, or repeat the course when next offered or do any other specified subject as may be required.

5. RE-REGISTRATION FOR IMPROVEMENT OF INTERNAL EVALUATION MARKS:

Following are the conditions to avail the benefit of improvement of internal evaluation marks.

- 5.1 The candidate should have completed the course work for all four semesters pending Project work submission.

- 5.2 He should have passed all the subjects for which the Internal evaluation marks secured are more than 50%.
- 5.3 Out of the subjects the candidate has failed in the examinations due to Internal evaluation marks secured being less than 50%, the candidate shall be given one chance for each Theory subject and for a maximum of three Theory subjects for Improvement of Internal evaluation marks.
- 5.4 The candidate has to re-register for the chosen subjects and fulfill the academic requirements.
- 5.5 For each subject, the candidate has to pay a fee equivalent to one third of the semester tuition fee and the amount is to be remitted in the form of D.D in favour of 'the Registrar, JNTUA' payable at Anantapur along with the requisition through the Principal of the respective college.
- 5.6 In the event of availing the Improvement of Internal evaluation marks, the internal evaluation marks as well as the End Examinations marks secured in the previous attempt(s) for the reregistered subjects stand cancelled.

6. CONDUCT OF PROJECT WORK:

Every candidate shall be required to submit thesis or dissertation after taking up a topic approved by the college/ institute.

- 6.1 Registration of Project work: A candidate is permitted to register for the project work after satisfying the attendance requirement of all the courses (theory and practical courses of I , II and III Sem)
- 6.2 An Internal Departmental Committee (I.D.C) consisting of HOD, Supervisor and one internal senior expert shall monitor the progress of the project work.
- 6.3 The work on the project shall be initiated in the penultimate semester and continued in the final semester. The candidate can submit Project thesis with the approval of I.D.C. at the end of the IV semester Instruction as per the schedule. Extension of time within the

total permissible limit for completing the programme is to be obtained from the Head of the Institution.

- 6.4 The student must submit status report at least in two different phases during the project work period. These reports must be approved by the I.D.C before submission of the Project Report.
- 6.5 The viva-voce examination may be conducted for all the candidates as per the IV semester examination schedule.
- 6.6 Three copies of the Thesis / Dissertation certified in the prescribed form by the supervisor & HOD shall be presented to the HOD. One copy is to be forwarded to the University and one copy to be sent to the examiner.
- 6.7 The college shall submit a panel of three experts for a maximum of every 5 students. However, the viva voce examiners will be nominated by the University.

7. AWARD OF DEGREE AND CLASS:

A candidate shall be eligible for the award of the respective degree if he satisfies the minimum academic requirements in every subject including case studies, seminar and project work. Based on overall percentage of marks obtained the following class is awarded.

- First class with Distinction: 70% or more
- First class below 70% but not less than 60%
- Second class below 60% but not less than 50%

(The marks in internal evaluation and end examination shall be shown separately in the marks memorandum)

However while awarding the degree, rounding of percentages permitted to the extent of 0.5% to effect change of class from Pass class to Second class, Second class to First class, First class to First class with Distinction for all the courses being offered or to be offered by the university without adding any marks to the original marks secured by the students.

8. WITH – HOLDING OF RESULTS:

If the candidate has not paid dues to the university or if any case of indiscipline is pending against him, the result of the candidate shall be withheld and he will not be allowed/ promoted into the next higher semester. The issue of degree is liable to be withheld in such cases.

9. TRANSITORY REGULATIONS:

Candidates who have discontinued or have been detained for want of attendance or who have failed after having undergone the course in earlier regulations and wish to continue the course, are eligible for admission into the unfinished semester from the date of commencement of class work with the same or equivalent subjects as and when subjects are offered, subject to 4.9 and 2.3 sections.

10. Rules Governing the Malpractices

RULES FOR DISCIPLINARY ACTION FOR MALPRACTICES / IMPROPER CONDUCT IN EXAMINATIONS

	Nature of Malpractices/Improper conduct	Punishment
	<i>If the candidate:</i>	
1. (a)	Possesses or keeps accessible in examination hall, any paper, note book, programmable calculators, Cell phones, pager, palm computers or any other form of material concerned with or related to the subject of the examination (theory or practical) in which he is appearing but has not made use of (material shall include any marks on the body of the candidate which can be used as an aid in the subject of the examination).	Expulsion from the examination hall and cancellation of the performance in that subject only.
(b)	Gives assistance or guidance or receives it from any other candidate orally or by any other body language methods or communicates through cell phones with any candidate or persons in or outside the exam hall in respect of any matter.	Expulsion from the examination hall and cancellation of the performance in that subject only of all the candidates involved. In case of an outsider, he will be handed over to the police and a case is registered against him.
2.	Has copied in the examination hall from any paper, book, programmable calculators, palm computers or any other form of material relevant to the subject of the examination (theory or practical) in which the candidate is appearing.	Expulsion from the examination hall and cancellation of the performance in that subject and all other subjects the candidate has already appeared including practical examinations and project work and shall not be permitted to appear for the remaining examinations of the subjects of that Semester/year. The Hall Ticket of the candidate is to be

		cancelled and sent to the University.
3.	Impersonates any other candidate in connection with the examination.	The candidate who has impersonated shall be expelled from examination hall. The candidate is also debarred and forfeits the seat. The performance of the original candidate who has been impersonated, shall be cancelled in all the subjects of the examination (including practicals and project work) already appeared and shall not be allowed to appear for examinations of the remaining subjects of that semester/year. The candidate is also debarred for two consecutive semesters from class work and all University examinations. The continuation of the course by the candidate is subject to the academic regulations in connection with forfeiture of seat. If the imposter is an outsider, he will be handed over to the police and a case is registered against him.
4.	Smuggles in the Answer book or additional sheet or takes out or arranges to send out the question paper during the examination or answer book or additional sheet, during or after the examination.	Expulsion from the examination hall and cancellation of performance in that subject and all the other subjects the candidate has already appeared including practical examinations and project work and shall not be permitted for the remaining examinations of the subjects of that semester/year. The candidate is also debarred for two consecutive semesters from class

		work and all University examinations. The continuation of the course by the candidate is subject to the academic regulations in connection with forfeiture of seat.
5.	Uses objectionable, abusive or offensive language in the answer paper or in letters to the examiners or writes to the examiner requesting him to award pass marks.	Cancellation of the performance in that subject.
6.	Refuses to obey the orders of the Chief Superintendent/Assistant – Superintendent / any officer on duty or misbehaves or creates disturbance of any kind in and around the examination hall or organizes a walk out or instigates others to walk out, or threatens the officer-in charge or any person on duty in or outside the examination hall of any injury to his person or to any of his relations whether by words, either spoken or written or by signs or by visible representation, assaults the officer-in-charge, or any person on duty in or outside the examination hall or any of his relations, or indulges in any other act of misconduct or mischief which result in damage to or destruction of property in the examination hall or any part of the College campus or engages in any other act which in the opinion of the officer on duty amounts to use of unfair means or misconduct or has the tendency to disrupt the orderly conduct of the examination.	In case of students of the college, they shall be expelled from examination halls and cancellation of their performance in that subject and all other subjects the candidate(s) has (have) already appeared and shall not be permitted to appear for the remaining examinations of the subjects of that semester/year. The candidates also are debarred and forfeit their seats. In case of outsiders, they will be handed over to the police and a police case is registered against them.

7.	Leaves the exam hall taking away answer script or intentionally tears of the script or any part thereof inside or outside the examination hall.	Expulsion from the examination hall and cancellation of performance in that subject and all the other subjects the candidate has already appeared including practical examinations and project work and shall not be permitted for the remaining examinations of the subjects of that semester/year. The candidate is also debarred for two consecutive semesters from class work and all University examinations. The continuation of the course by the candidate is subject to the academic regulations in connection with forfeiture of seat.
8.	Possess any lethal weapon or firearm in the examination hall.	Expulsion from the examination hall and cancellation of the performance in that subject and all other subjects the candidate has already appeared including practical examinations and project work and shall not be permitted for the remaining examinations of the subjects of that semester/year. The candidate is also debarred and forfeits the seat.
9.	If student of the college, who is not a candidate for the particular examination or any person not connected with the college indulges in any malpractice or improper conduct mentioned in clause 6 to 8.	Student of the colleges expulsion from the examination hall and cancellation of the performance in that subject and all other subjects the candidate has already appeared including practical examinations and project work and shall not be permitted for the remaining examinations of the subjects of that semester/year. The candidate is also debarred and

		forfeits the seat. Person(s) who do not belong to the College will be handed over to police and, a police case will be registered against them.
10.	Comes in a drunken condition to the examination hall.	Expulsion from the examination hall and cancellation of the performance in that subject and all other subjects the candidate has already appeared including practical examinations and project work and shall not be permitted for the remaining examinations of the subjects of that semester/year.
11.	Copying detected on the basis of internal evidence, such as, during valuation or during special scrutiny.	Cancellation of the performance in that subject and all other subjects the candidate has appeared including practical examinations and project work of that semester/year examinations.
12.	If any malpractice is detected which is not covered in the above clauses 1 to 11 shall be reported to the University for further action to award suitable punishment.	

Malpractices identified by squad or special invigilators

1. Punishments to the candidates as per the above guidelines.
2. Punishment for institutions : (if the squad reports that the college is also involved in encouraging malpractices)
 - (i) A show cause notice shall be issued to the college.
 - (ii) Impose a suitable fine on the college.

Shifting the examination centre from the college to another college for a specific period of not less than one year.

11. ANTI RAGGING COMMITTEE

S.No	Name of the Faculty	Designation	Position in Committee	Contact Number
1	Prof. C Nadhamuni Reddy	Principal	Chairman	9948149222
2	Prof. V C Veera Reddy	Professor	Member	9441332433
3	Dr. A Narasimhulu	HOD – CIV	Member	9640001285
4	Dr. C Sasikala	HOD – EEE	Member	7032986403
5	Dr.S S Arumugham	HOD – CSE	Member	7032986400
6	Mr. R Devarajulu Reddy	HOD – H&S	Member	9985590280
7	Dr. N Chandrika	HOD – MBA	Member	7032986405
8	Mrs. I Suneetha	HOD – ECE	Member	7032986401
9	Dr. Y Hari Prasada Reddy	HOD –MEC	Member	9505570658
10	Dr. P Munikrishnaiah	Admn. officer	Member	9948661276
11	A Ramprasad Raju	PET	Member	9912863277
12	SWETHA SOUNDARYA N (14AK1A04A6) SIVA KISHORE REDDY S (14AK1A0211)		Students & Member	
13	C . I, Renigunta Police Station			0877-2289023

All complaints regarding ragging can be made to the above anti ragging committee members. Details regarding complaints will be kept confidential. Help us to eradicate ragging.

RAGGING
FREE
CAMPUS
AIITS – TIRUPATI

12. ACADEMIC CALENDARS



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR, ANANTHAPURAMU

ACADEMIC CALENDAR

B.Tech I Year - I Semester (2017-2018)

I Spell of Instructions:	30.06.2017 to 16.09.2017	(11 weeks)
I Mid-term Examinations: (1 st Objective + 1 st descriptive)	18.09.2017 to 23.09.2017	(06 days)
II Spell of Instructions:	25.09.2017 to 23.11.2017	(08 $\frac{1}{2}$ weeks)
II Mid-term Examinations: (2 nd Objective + 2 nd descriptive)	24.11.2017 to 30.11.2017	(06 days)
Preparation and Practicals:	02.12.2017 to 08.12.2017	(06 days)
End Examinations:	11.12.2017 to 23.12.2017	(02 weeks)
Commencement of Class Work for B.Tech I Year II semester	08.01.2018 (Monday)	

Note:

- (i) The Mid-term Examinations should be conducted and completed as per the schedule given.
- (ii) All the midterm examinations shall be of both objective and descriptive type as per the academic regulations.

First Notified on 29.06.2017

Rectified on 28.08.2017


DIRECTOR OF EVALUATION



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR, ANANTHAPURAMU

ACADEMIC CALENDAR

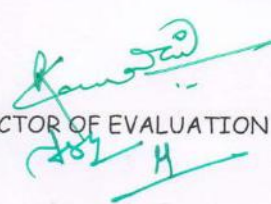
B.Tech/B.Pharm II, III & IV Years - I Semester (2017-2018)

I Spell of Instructions:	03.07.2017 to 01.09.2017	(09 weeks)
I Mid-term Examinations: (1 st Objective + 1 st descriptive)	04.09.2017 to 11.09.2017	(06 days)
II Spell of Instructions:	12.09.2017 to 03.11.2017	(08 weeks)
II Mid-term Examinations: (2 nd Objective + 2 nd descriptive)	04.11.2017 to 10.11.2017	(06 days)
Preparation and Practicals:	13.11.2017 to 18.11.2017	(06 days)
End Examinations:	20.11.2017 to 02.12.2017	(02 weeks)
Commencement of Class Work for IV Year B.Tech II semesters	14.12.2017 (Thursday)	
Commencement of Class Work for II & III Years B.Tech - II semesters	27.12.2017 (Wednesday)	

Note:

- (i) The Mid-term Examinations should be conducted and completed as per the schedule given.
- (ii) All the midterm examinations shall be of both objective and descriptive type as per the academic regulations.
- (iii) II semester supplementary examinations will be conducted immediately after I semester regular and supplementary examinations

Date: 24.06.2017


DIRECTOR OF EVALUATION



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR
ANANTHAPURAMU - 515002, A.P (INDIA)

ACADEMIC CALENDAR

for

M.Tech & M.Pharm (AY 2017-18)

First Semester

(For 2017 admitted batch)

First Semester		
First Unit of Instructions	21.09.2017 to 15.11.2017	(08 Weeks)
First Mid Examinations	16.11.2017 to 22.11.2017	(06 Days)
Second Unit of Instructions	23.11.2017 to 24.01.2018	(09 Weeks)
Second Mid Examinations	25.01.2018 to 01.02.2018	(06 Days)
Preparation and Practicals	02.02.2018 to 09.02.2018	(07 Days)
End Examinations	12.02.2018 to 24.02.2018	(02 Weeks)
Commencement of class work for II Semester:	12.03.2018 (Monday)	

Date: 21-09-2017

Sd/-
DIRECTOR OF EVALUATION



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR
ANANTHAPURAMU - 515002, A.P (INDIA)**

**ACADEMIC CALENDAR
for
Academic Year 2017-18**

MBA / MCA

**First Year
(For 2017-18 admitted batch)**

First Semester		
First Unit of Instructions	21.08.2017 to 13.10.2017	(08 Weeks)
First Mid Examinations	16.10.2017 to 20.10.2017	(04 Days)
Second Unit of Instructions	21.10.2017 to 13.12.2017	(08 Weeks)
Second Mid Examinations	14.12.2017 to 18.12.2017	(04 Days)
Preparation and Practicals	19.12.2017 to 27.12.2017	(07 Days)
End Examinations	28.12.2017 to 11.01.2018	(13 Days)
Commencement of class work for II Semester:	22.01.2018 (Monday)	

- The midterm examinations are to be conducted during both forenoon and afternoon sessions and are to be completed as per the schedule given above.

Date: 16-08-2017


DIRECTOR OF EVALUATION