

# **Bapatla Engineering College**

**(Autonomous)**  
**BAPATLA**



**ACADEMIC RULES & REGULATIONS and SYLLABUS**  
**(2018-2019)**

## **HAND BOOK**

**First Year B.Tech.**



**Bapatla Engineering College:: Bapatla**  
**(Autonomous under Acharya Nagarjuna University)**  
**(Sponsored by Bapatla Education Society)**  
**BAPATLA-522102, Guntur District, A.P.**  
**[www.becbapatla.ac.in](http://www.becbapatla.ac.in)**

## **Vision & Mission of the College**

### **Vision:**

To build centers of excellence, impart high quality education and instill high standards of ethics and professionalism through strategic efforts of our dedicated staff, which allows the college to effectively adapt to the ever changing aspects of education.

To empower the faculty and students with the knowledge, skills and innovative thinking to facilitate discovery in numerous existing and yet to be discovered fields of engineering, technology and interdisciplinary endeavors.

### **Mission:**

Our mission is to impart the quality education at par with global standards to the students from all over India and in particular those from the local and rural areas. We continuously try to maintain high standards so as to make them technologically competent and ethically strong individuals who shall be able to improve the quality of life and economy of our country.

## Profile of the College

Year of Start	1981
Courses offered	<p><b>B.Tech.:</b></p> <p>1. Civil Engineering (CE), 2. Computer Science &amp; Engineering (CSE),  3. Electronics &amp; Communication Engineering (ECE),  4. Electrical &amp; Electronics Engineering (EEE),  5. Electronics &amp; Instrumentation Engineering (EIE),  6. Information Technology (IT), 7. Mechanical Engineering (ME)</p> <p><b>M.Tech.:</b></p> <p>1. CE (Structural Engineering), 2. ME (CAD/CAM),  3. ECE (Communication Engineering &amp; Signal Processing),  4. EEE (Power Systems Engineering) &amp; 5. C.S.E.</p> <p><b>Master of Computer Applications (MCA)</b></p> <p><b>M.Sc.:</b> Mathematics, Physics, Electronics, Chemistry (Organic &amp; Analytical) &amp; Computer Science</p>
Accredited by NBA in the years	<p>07.05.2003 (CE, CSE, ECE, EEE, EIE, ME)</p> <p>16.03.2007 (CH, CE, CSE, ECE, EEE, EIE, IT &amp; ME )</p> <p>04.01.2013 (CH, CE, CSE, ECE, EEE, EIE &amp; ME)</p>
Autonomous Status	2010
Research Park	Innovation Centres: 1) Microsoft Innovation Centre, 2) Kuka Robotic Technology Centre 3) Bosch Rexroth Centre of Competence in Automation Technologies 4) Siemens Centre of Excellence Industry Institute Interaction Cell, Centre for Continuing Education, Incubation Skill Development Cell
Library	Titles: 28,323; Books: 74,015, Journals: International Online-523, Print-30, National Print-90, Educational CDs- 3,045; No. of Staff: 8
Sports facilities	Cricket, Basket Ball, Volley Ball, Ball Badminton, Hockey, Tennis, Foot Ball, Table Tennis, Chess, Caroms & Weight Lifting, Weight Training
Area	30 Acres; Built-up Area: 56102 Sq.mt.
Awards	Best Library (2011, 14), Best laboratory (2009, 10, 11), Best UG Performance College (2011, 12) ,Best Eco Friendly Campus (2016) from Acharya Nagarjuna University
CISCO	A two-way interactive CISCO Digital Media System that is first of its kind in the South Asia Pacific Region at a cost of Rs.3 Crores
Placement/Training	No. of Students placed in 2017-18: 330, No. of Companies visited: 31
Students Activities	Suryodhaya Society for Awakening Community ( <b>SAC</b> ) for social service, Centre for Creative Arts ( <b>CCA</b> ) for cultural & arts and <b>AWAAZ</b> the literary club with the main motto of nurturing the inherent talents in the students.
NCC / NSS	NCC (Army wing) unit with 50 cadets. Training will be given by the P.I. Staff from 1(A) Engr. Coy, Guntur. NSS with 300 volunteers.
Facilities	Hostel for girls, Food court, Own Transport, 24x7 power supply, Mineral water, Bank, Post Office

## ABOUT THE BAPATLA EDUCATION SOCIETY

BAPATLA EDUCATION SOCIETY was established in the year 1962 registered No: 58/1962 under societies act XXI of 1860 with the objectives to found and run the Educational & Cultural Institutions.

### Distinguished Office Bearers of the Society:



Sri M. Seshagiri Rao  
President



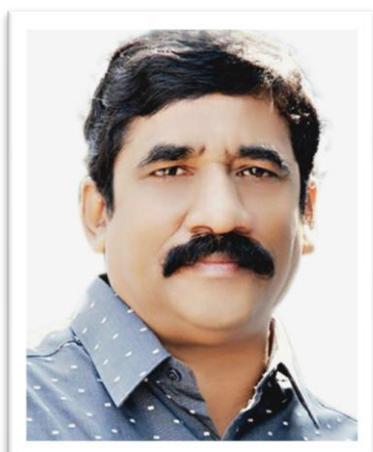
Sri Paladugu Paparao  
Vice President-1



Sri Burle Venkata Siva Rama  
Krishna  
Vice President-2



Sri Manam Nageswara Rao  
Secretary



Sri Panguluri Bhavannarayana  
Chowdary  
Jt. Secretary & Correspondent



Sri Chandrapati Venkaiah  
Treasurer

The management members are imbued with a spirit of selfless service and believe in the principle of Academic autonomy. Transparency of all financial transactions is strictly adhered and all payments and receipts are through bank transactions only. The Management obtains objective feedback about all aspects of the college and suitably advises and motivates employees in a discrete manner. As a mark of commitment to good management, rules and regulations are applied with justice and fair play. Above all, the management makes all out effort to provide healthy environment on the campus. (Lawns, Greenery including 1000 neem trees and CC roads provided)

## MESSAGE FROM PRINCIPAL

**Dr. S. Rajasekaran**

B.E (Mechanical), M.E (Production-Robotics), Ph.D (Mechanical-Pulse GMA Welding) (Indian Institute of Technology-Bombay, India)

**Principal, Bapatla Engineering College (Autonomous)**



A warm welcome to NAAC accredited Bapatla Engineering College (BEC). The Bapatla Engineering College (Autonomous), one of the seven educational institutions sponsored by the Bapatla Education Society, Bapatla was established in 1981 with a vision to impart quality technical education and is affiliated to Acharya Nagarjuna University. The College is credited with beautifully laid out thoughtfully designed. The college has well qualified 257 faculty members with 24 Professors, 20 Associate professors, and 213 Assistant professors. Out of which 54 are having Doctorate degrees, and 56 are pursuing Doctorate degrees.

The college is one of the first generation private engineering colleges started in the year 1981 and is regarded as one of the best engineering colleges in the state of Andhra Pradesh.

The teaching learning process in the campus is meticulously planned and effectively implemented by the Heads of the Departments with the able support of the staff members. Continuous evaluation backed by remedial classes, student counseling and parent interactions, form the nucleus of the teaching learning process.

The college is chosen by several world renowned leaders such as Bosch Rexroth Center of Competence in Automation Technologies, Siemens Center of Excellence and Kuka Robotic Technology Center to have their centers of research and innovation under one roof in a unique Research Park established at a cost of Rs 20 Crore.

BEC has taken the class room teaching to world class level through the two-way interactive Cisco Digital Media System, which is the first of its kind in whole South Asia pacific region. We are member of Indian Society for Technical Education (ISTE), Computer Society of India (CSI) etc. Various workshops, seminars, conferences, and Faculty Development Programs (FDP) are conducted through ISTE, and add-on courses and several skill development programs are being organized by the college.

The Department of Training and Placement facilitates the maximum employment opportunities to all the deserving candidates of final and pre-final year students. Many of our Alumni are decorating the top positions at many reputed Multi-National Companies.

We always look at the employability skills and try to perfectly match with the requirements of the Industry. We impart training in Technical Skills and Life Skills (Soft Skills) as a part of our curriculum to mould and shape the personalities and make the students employable. In order to shape the life skills (soft skills), we are imparting regular training internally and through external resources as well.

We emphasize mainly on Assessment and Evaluation, Identifying the right potential and analyzing the training needs of each candidate, Career Guidance and Counseling, Soft Skills/Life Skills along with Technical skills to make them better employable, Campus Training on Business English Communication Skills, Aptitude, Domain skills as needed by the Industry, Industrial exposures having Industrial visits, Industry Knowledge sessions to connect to the real Industry scenarios, Internships linked Placements, Job Fairs, HR Events, Campus Recruitment events, Endorsing Right Certification and training programs (as per the Skill Order by companies), Industry MoUs and Setting up Incubation Centers-Centers of Excellence, Connects with Industry Associations, EDP Cell endeavors having start up engagements and Talks, Research Focus of students, Alumni Relations etc. 31 companies visited our college, and 390 students out of the 771 eligible students have been placed in various reputed companies for the academic year 2017-18. The students of the college continuously excel in national and international competitive examinations like GATE, IELTS, GRE and TOEFL.

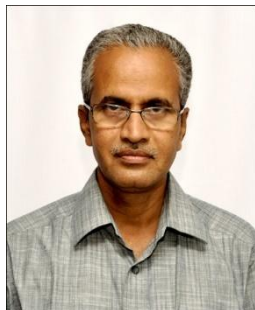
The college is enriched with Centre for Innovation and Entrepreneurship (CIIE) and well-established library with Digital Library facility that caters to the needs of modern student. The institution is a hub of Student clubs that helps them to gratify their creative and innovative minds and weaving social responsibility with leadership qualities among students. The college also provides amenities like subsidized transportation, food court, mineral water, internet, Bank, Post office, Ladies Hostel and Dispensary equipped with an ambulance for the convenience of faculty, staff and students.

We have Governing body (Autonomous), College Academic Council for the continuous improvement of academic performance. We have formed several Committees for Grievance and Redressal, Examination, Admission, Library, Student Welfare, Internal Complaints, Extra-Curricular Activities, Academic Audit, Disciplinary, Research, Sports, Training and Placement, Alumni Affairs, Anti-Ragging, Campus Facilities, and Maintenance under Planning and Evaluation Committee.

We wish all the students to utilize the infrastructure and the experienced faculty of our institution to equip themselves with emerging technologies and innovative skills that make them lead the nation in to new heights of advancement and development to enrich every citizen's life.



## Heads of Departments



Dr. J. S. Rao  
Head, Chemical  
Engg. & COE



Dr. Naga Satish  
Head, Civil  
Engineering



Dr. Shaik Nazeer  
Head, CSE



Dr. B. Chandra  
Mohan, Head, ECE



Dr. N. Rama Devi  
Head, EEE



Prof. Ch. Ramesh  
Head, EIE



Prof. N. Siva Rama  
Prasad  
Head, IT



Dr. T. Nancharaiiah  
Head, Mechanical  
Engg.



Dr. P. Vijaya Saradhi  
Head, Mathematics



Dr. K. Rama Krishna  
Head, Physics



Dr. V. Madhava Rao  
Head, Chemistry



Dr. P. Asha Madhavi  
Head, English



Mr. K. N. Prasad  
Head, MCA



Mr. A. Rama Mohana  
Rao  
Librarian



Mr. Justin Chako  
Head, Placements



Dr. T. Chandrasekhara  
Rao, Warden,  
Campus Hostel



Mr. Meeravali Shaik  
Physical Director



Mr. Ankamma  
Chowdary  
Office Superintendent



# **BAPATLA ENGINEERING COLLEGE:: BAPATLA** **(Autonomous)**

## **Academic Rules & Regulations for B. Tech Program**

**(Approved by Academic Council & Governing Body of the College held on August 2018)**

***(Amended in August 2018; Effective for students admitted into First year B.Tech from the academic year 2018-2019 onwards – R18 Regulations).***

**1.0 EXTENT:** All the rules and regulations, specified herein after, shall be read as a whole for the purpose of interpretation and when a doubt arises, the interpretation of the Chairman, Academic Council, Bapatla Engineering College (Autonomous) is final. As per the requirements of the Statutory Bodies, The Principal, Bapatla Engineering College (Autonomous), shall be the Chairman of the College Academic Council.

**1.1 DURATION OF THE PROGRAMME AND MEDIUM OF INSTRUCTION:** The duration of the B.Tech. Programme is for four academic years consisting of two semesters in each academic year. The medium of instruction and examinations is English.

### **2.0 ADMISSIONS:**

**2.1 Admission into the First year of any Four Year B.Tech. Programmes of study in Engineering:** Admissions into the first year of B.Tech. Programme of Bapatla Engineering College (Autonomous) (***Subsequently referred to as B.E.C***) will be as per the norms stipulated by the Govt. of Andhra Pradesh from time to time.

**2.2 Admission into the Second year of any Four year B.Tech. Programmes of study in Engineering as Lateral Entry Student:** Admissions into the second year of B.Tech. Programme of B.E.C will be as per the norms stipulated by the Govt. of Andhra Pradesh from time to time.

**2.3 Admissions with advance standing:** These may arise in the following cases:

- 1) When a student seeks transfer from other colleges to B.E.C and intends to pursue B.Tech at B.E.C in an eligible branch of study.
- 2) When students of B.E.C get transferred from one regulation to another regulation or from previous curriculum to revised curriculum.
- 3) When a student, after long discontinuity, rejoins the college to complete his/her Programme of study for the award of the degree.

These admissions may be permitted by the Academic Council of B.E.C as per the norms stipulated by the statutory bodies and the Govt. of Andhra Pradesh from time to time. In all such cases for admission, when needed, permissions from the statutory bodies are to be obtained and the Programme of study at B.E.C will be governed by the transitory regulations stipulated in **4.3.3 and 4.3.4**.

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# **BAPATLA ENGINEERING COLLEGE:: BAPATLA (Autonomous)**

## **3.0 Details of the Program:**

S.No	Activity	Description
1.	Number of Semesters in an Academic Year	Two
2.	Course Work	15 Weeks. 90 instructional days.
3.	Evaluation	As per the Assessment and Examination Policy.

## **4.0 Programmes of study in B.Tech:**

**4.1** The Four year B.Tech Programme is offered in the following branches of study:

S.No.	Title of the UG Programme	Abbreviation
1.	Civil Engineering	CE
2.	Computer Science & Engineering	CS
3.	Electrical & Electronics Engineering	EE
4.	Electronics & Communication Engineering	EC
5.	Electronics & Instrumentation Engineering	EI
6.	Information Technology	IT
7.	Mechanical Engineering	ME

## **4.2** Structure of the Programme:

As per the Program Review Policy.

**4.3 Transitory Regulations:** For students admitted under advance standing (mentioned in 2.3) these transitory regulations will provide the *modus operandi*.

At the time of such admission, based on the Programme pursued (case by case)

- 1) Equivalent courses completed by the student are established by the BOS concerned.
  - 2) Marks/Credits are transferred for all such equivalent courses and treated as successfully cleared in the Programme of study prescribed by the concerned BOS.
  - 3) A Programme chart of residual courses not cleared will be derived and a Programme of study with duration specified will be prescribed for pursuit at B.E.C.
  - 4) Marks obtained in the previous system, if the case be, are converted to grades and CGPA is calculated accordingly.
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## **BAPATLA ENGINEERING COLLEGE:: BAPATLA (Autonomous)**

All other modalities and regulations governing shall be the same as those applicable to the stream of students with whom such a candidate is included into.

### **4.4 Curriculum for each Programme of study:**

- 1) The Four year curriculum of any B.Tech Programme of study in any branch of engineering is formulated based on the guidelines mentioned in 4.2 and will be recommended by the Board of Studies concerned and is approved by the Academic council of the college.
- 2) In the case of students admitted through lateral entry, the respective regular curriculum from the second year onwards is to be pursued by such students. Foundation courses may be added if necessary.
- 3) In the case of students admitted under advanced standing, the equivalency will be prepared by the Department Committee and to be approved by the Board of Studies concerned and the Academic Council.
- 4) After approval from the Academic Council, Department informs the courses to be taken to all the students along with the academic regulations.

Table below shows a typical curriculum frame work for B.Tech Degree program.

<b>S.No.</b>	<b>Subject Area</b>	<b>Average no. of credits</b>
1.	Humanities & Social Sciences courses	12 - 14
2.	Basic Science Courses	21 – 28
3.	Engineering Science	18 - 21
4.	Professional Core courses	65 – 78
5.	Professional Elective Courses	15 - 21
6.	Open Electives	6 – 12
7.	Major Project / Seminar, etc	12
8.	MOOCs	2
9.	Summer Internship	2
10.	Mandatory courses (2 courses)*	0
	<b>TOTAL</b>	165 - 170

The students admitted through the **Lateral Entry scheme** have to complete **120 – 137** credits.

\*For mandatory courses as suggested by UGC / AICTE no credits are allocated but obtaining pass grade in these subjects is compulsory to obtain degree.



## **BAPATLA ENGINEERING COLLEGE:: BAPATLA (Autonomous)**

**4.5** The Maximum duration permitted to pursue the programme and cancellation of admission:

**4.5.1** The maximum duration permitted for any student to successfully complete any four year B.Tech. Programme of study shall be:

- 1) Eight academic years in sequence from the year of admission for a normal student admitted into the first year of any Programme,
- 2) Six academic years in sequence from the year of admission for a Lateral entry student admitted into the second year of any Programme, and
- 3) For students admitted with advanced standing, the maximum time for completion of Programme study shall be twice the period in terms of academic years in sequence, stipulated in the Programme curriculum defined at the time of admission.

**4.5.2** In case, any student fails to meet the applicable conditions for the eligibility of degree in the maximum stipulated period as mentioned in **4.5.1**, his/her admission stands cancelled and no degree will be awarded.

### **5.0 EXAMINATION& EVALUATION:**

The performance of the students in each semester shall be assessed course wise. All assessments will be done on absolute mark basis. However, for the purpose of reporting the performance of a candidate, letter grades and grade points will be awarded as per section **9.1**.

#### **EVALUATION:**

The performance of the students in each semester shall be assessed course wise. All assessments will be done on absolute mark basis. However, for the purpose of reporting the performance of a candidate, letter grades and grade points will be awarded. The performance of a student in each course is assessed with alternate assessment methods, term examinations on a continuous basis during the semester called Continuous Internal Evaluation (CIE) and a Semester End Examination (SEE) conducted at the end of the semester. For each theory, design and/or drawing course, there shall be a comprehensive Semester End Examination (SEE) of three hours duration at the end of each Semester, except where stated otherwise in the detailed Scheme of Instruction.

The distribution of marks between Continuous Internal Evaluation (CIE) and Semester End Examination (SEE) to be conducted at the end of the semester will be as follows:

<b>Nature of the Course</b>	<b>CIE</b>	<b>SEE</b>
Theory subjects	50	50
Drawing	50	50
Practical	50	50
Term Paper	50	50
Project work	75	75



# **BAPATLA ENGINEERING COLLEGE:: BAPATLA (Autonomous)**

## **5.1 Continuous Internal Evaluation (CIE) in Theory and Drawing subjects:**

In each Semester there shall be two Term examinations and some **Alternate Assessment Tools (AAT)** like Home Assignment, Class Test, Problem Solving, Group Discussion, Quiz, Seminar and Field Study in every theory course. The Alternate Assessment Tools with detailed modality of evaluation for each course shall be finalized by the teacher concerned before beginning of the course. It will be reviewed and approved by the Department Committee.

The Term Examination is conducted in the regular mode according to a schedule which will be common for a particular year of study. The maximum weightage for Term Examinations, AATs and the calculation of marks for CIE in a theory course is given in the following table.

Particulars	Term Exams (Max. 20 marks)	AAT (Max. 30 marks)
Better Performed exam	75% of marks obtained	Continuous assessment by teacher as per the predetermined course delivery & assessment plan. (Min. two assessments)
Other exam	25% of marks obtained	

A minimum of 25 (50%) marks are to be secured exclusively in the Continuous Internal Evaluation (CIE) is to be secured in order to be declared as passed in that course and eligible to write the SEE of that course.

### **Semester End Examination (SEE) in Theory, Design and/or Drawing course:**

- For each theory, design and/or drawing course, there shall be a comprehensive Semester End Examination (SEE) of three hours duration at the end of each Semester for 50marks, except where stated otherwise in the detailed Scheme of Instruction. Question paper setting shall be set by the teacher or teachers together in a multi section courses and to be verified as described in policy document.
  - A minimum of 20(40%) marks are to be secured exclusively in the Semester End Examination (SEE) of theory, design and/or drawing course and a minimum total of 50marks in SEE and CIE put together in a theory, design and/or drawing course is to be secured in order to be declared as passed in that course and for the award of the grade in the course.
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## **BAPATLA ENGINEERING COLLEGE:: BAPATLA (Autonomous)**

### **5.3 Continuous Internal Evaluation (CIE) in laboratory courses:**

The evaluation for Laboratory course is based on CIE and SEE. The CIE for 50 marks comprises of 20 marks for day to day laboratory work, 15 marks for record submission and 15 marks for a laboratory examination at the end of the semester.

In any semester, a minimum of 90 percent of prescribed number of experiments / exercises specified in the syllabi for laboratory course shall be taken up by the students. They shall complete these experiments / exercises in all respects and get the record certified by the internal lab teacher concerned and the Head of the Department concerned to be eligible to appear for the Final Examination in that laboratory course.

A minimum of 25 (50%) marks are to be secured exclusively in the Continuous Internal Evaluation (CIE) is to be secured in order to be declared as passed in that lab course and eligible to write the SEE of that lab course.

### **5.4 Semester End Examination (SEE) in laboratory courses:**

- a) For each laboratory course, the Semester End Examination (SEE) shall be conducted by one internal and one external examiner appointed by the Principal and the duration of the exam shall be for three hours. The SEE is for 50 marks which include 10 marks for write up, 20 marks for lab experiment/exercise, 15 marks for Viva-voce and 5 marks for general impression.
- b) A minimum of 20 (40%) marks shall be obtained in SEE and a minimum total of 50 marks in SEE and CIE put together in a laboratory course are to be secured in order to be declared as passed in the laboratory course and for the award of the grade in that laboratory course.

### **5.5 Evaluation of Term Paper:**

- a) A term paper is to be submitted by each student in the 7<sup>th</sup> semester which would be a precursor to the project work to be done in the 8<sup>th</sup> semester. The evaluation is based on CIE for 50 marks, which includes a minimum of two seminars/presentations for 20 marks and the report submitted at the end of the semester which is evaluated for 30 marks.
  - b) The Semester End Examination (SEE) shall be conducted for 50 marks by one internal and one external examiner appointed by the Principal. The SEE contains Viva-voce and the demonstration of the model developed or work performed as a part of the term paper.
  - c) A minimum of 20 (40%) marks shall be obtained in SEE and a minimum total of 50 marks in SEE and CIE put together in the term paper are to be secured in order to be declared as passed in the term paper and for the award of the grade in the term paper.
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# **BAPATLA ENGINEERING COLLEGE:: BAPATLA (Autonomous)**

## **5.6 Evaluation of the Project**

- a) In case of the Project work, the evaluation shall be based on CIE and SEE. The CIE for 50 marks consists of a minimum of two Seminars / presentations for 20 marks and the Project Report submitted at the end of the semester which is evaluated for 30 marks.
- b) SEE shall be in the form of a Viva- voce and the demonstration of the thesis work for 100 marks. Viva-voce Examination in Project Work shall be conducted by one internal examiner and one external examiner to be appointed by the Principal. A minimum of 40 marks shall be obtained in SEE exclusively and a minimum total of 75 marks in SEE and CIE put together are to be secured in order to be declared as passed in the Project and for the award of the grade.

NOTE : A student who is absent for any Test / Exam / Seminar / Presentation as a part of Continuous Internal Evaluation (CIE), for any reason whatsoever, shall be deemed to have scored zero marks in the respective component and no provision for make-up shall be provided.

## **5.7 Course Repetition (Repeater course)**

The students secured less than 50% in the Continuous Internal Evaluation (CIE) and detained in a course may register for the course repetition. The students have to apply to the Principal through the respective HOD by paying prescribed fees. A student can take up a maximum of two courses in a semester immediately after the semester end examinations of that particular semester in accordance with the guidelines recommended by the Academic Council.

The HODs concerned have to allot a teacher related to that course to conduct class work. The minimum number of periods to be conducted should not be less than 50% of the total prescribed periods for that course. The classes will be conducted in the vacation period or in the weekends or in the afternoons as decided by the HOD concerned. Teacher has to evaluate the student for his performance in CIE as per the autonomous norms and students should appear for a semester end examination. The pass criteria in both CIE & SEE should be as per autonomous norms.

The documents for monitoring the candidates registered for course repetition are as under.

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# **BAPATLA ENGINEERING COLLEGE:: BAPATLA (Autonomous)**

## **6.0 ATTENDANCE REGULATIONS:**

All students shall maintain a minimum attendance of 85% in each course registered. In case of shortfall in this, the Principal of the College shall consider and may condone deficiency up to a limit of 10% in special cases for reasons such as medical emergencies, participation in sport, cultural activities, seminars, workshops and paper presentation etc. at the level of University, State, and National after due recommendation by the concerned Head of the Department. Any student failing to meet the above standard of attendance in any course(s) registered, shall not be allowed to appear for SEE of such course(s).

- 6.1** Attendance at CIE and SEE: Attendance at all examinations, both CIE and SEE of each course registered shall be compulsory for the students and there shall not be any provision for re-examinations/consideration.
- 6.2** Any student against whom any disciplinary action by the College is imposed shall not be permitted to attend any SEE in that Semester.
- 6.3** The basis for the calculation of the attendance shall be the period prescribed by the College by its calendar of events. For the first semester students, the same is reckoned from the date of admission to the course.
- 6.4** The students shall be informed about their attendance position periodically by the College so that the students can strive to make up the shortage. However, non-receipt of such information from the college will not be considered as valid reason for exemption from the attendance requirements.
- 6.5** If a student does not fulfil the attendance requirements in any subject, he/she is not permitted to attend the Semester End Examination in that subject and is deemed to have been awarded "F" grade in that subject.

## **7.0 Reregistration of courses for lack of attendance or lack of marks:**

Students who failed after final regular examination, must appear for the supplementary examination to be conducted at least two weeks before the commencement of the next academic year for the courses failed in both semesters.

Students who failed to secure minimum attendance (85%) and minimum percentage of marks (50%) in CIE specified in any course, he / she will not be allowed to write SEE of that course.

### **7.1 Students who did not satisfy attendance and marks criteria in all subjects of the semester:**

Student must register for all courses as a regular student in the subsequent semester when these courses are offered. For example, if the student did not qualify in the 1<sup>st</sup> semester, he / she should register all the 1<sup>st</sup> semester courses in the 3<sup>rd</sup> semester, i.e., repeat the semester.

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## **BAPATLA ENGINEERING COLLEGE:: BAPATLA (Autonomous)**

However, he/she will continue to study second semester courses except those that have incomplete prerequisites. During the 2<sup>nd</sup> semester student can register one or two courses of first semester as repeater courses (as specified in the assessment and Examination policy), preferring those courses which are prerequisites for other courses.

### **7.2 Students who did not satisfy attendance and marks criteria in more than two subjects of the semester:**

Such students should register for the detained subjects in a regular subsequent semester. He / she may register for one or two courses more of the higher semester if time-table permits. For example, a student who did not qualify for examinations in three subjects in the first semester, must register all the three courses of first semester in the third regular semester and may take two or three courses of the third semester.

However during the 2<sup>nd</sup> semester student can register one or two courses of first semester as repeater courses (as specified in the assessment and Examination policy), preferring those courses which are prerequisites for other courses.

### **7.3 Students who did not satisfy attendance / marks criteria in one or two subjects of the semester**

Students may register for the detained subjects as repeater courses (as specified in the assessment and Examination policy) in the third semester and simultaneously register for all courses of third semester.

### **8.0 Registration:** Every eligible student has to register himself / herself at the beginning of every semester indicating all the Courses taken up for pursuit by him / her during that Semester and mentor's signature is mandatory.

**8.1** When a student is debarred for one or more semesters, his / her registration in the present semester is cancelled and the student is debarred from registering in future during the debarred period.

**8.2** In any case, while re-registering in any semester, he or she will have to pay the requisite fee once again.

*For extended years of study, students must pay the tuition fees as per the college regulations.*

### **9.0 GRADING SYSTEM**

Based on the student performance during a given semester, a final letter grade will be awarded at the end of the semester for each course.

**Letter Grades:** A letter grade is basically a qualitative measure (an alphabet/letter) giving the performance of a student, such as,

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# **BAPATLA ENGINEERING COLLEGE:: BAPATLA** **(Autonomous)**

Performance	Grade
Extraordinary	A+
Excellent	A
Very Good	B+
Good	B
Average	C+
Below average	C
Poor	D
Pass	P
Unsatisfactory/Fail	F

Based on the marks obtained by the student in both CIE and SEE.

## **9.1 Grade Points**

Depending on the letter grades assigned, a student earns certain grade points. The Colleges follow the 10-point grading system, as given below for absolute grading system.

The letter grades and the corresponding grade points are as given in the Table.

**Table: Grades & Grade Points**

Grade	Grade Points	% of Marks
A+	10	$\geq 95\% - 100\%$
A	9.5	$\geq 90\% - < 95\%$
B+	9	$\geq 85\% - < 90\%$
B	8.5	$\geq 80\% - < 85\%$
C+	8	$\geq 75\% - < 80\%$
C	7.5	$\geq 70\% - < 75\%$
D	7	$\geq 60\% - < 70\%$
P	6	$\geq 50\% - < 60\%$
F(Fail)	0	$< 50\%$



## **BAPATLA ENGINEERING COLLEGE:: BAPATLA (Autonomous)**

**9.1.1** The grade points given in above tables help in the evaluation of credit points earned by the student in a Course as the credit points are equal to the number of credits assigned to the Course multiplied by the grade points awarded to the student in that Course. This shall be used in arriving at the Semester Grade Point Average (SGPA) of the student for that semester, as it is the sum of all the credit points earned by the student for all the Courses registered in that semester.

**9.1.2** Earning of Credit: A student shall be considered to have completed a Course successfully and earned the credits if he/she secures an acceptable letter grade in the range A+ to P. Letter grade 'F' in any Course implies failure of the student in that Course and no credits earned.

**9.2** A student who earns a minimum of 6 grade points (P grade) in a course is declared to have successfully completed the course, and is deemed to have earned the credits assigned to that course. **However it should be noted that a pass in any course/term paper/Project shall be governed by the rules mentioned Assessment and Examination Policy.**

### **10.0 GRADE POINT AVERAGE**

**10.1** The Grade Point Average (GPA) will be calculated according to the formula:

$$GPA = \frac{\sum C_i G_i}{\sum C_i}$$

Where  $C_i$  = number of credits for the course  $i$ ,

$G_i$  = grade points obtained by the student in the course.

**10.2** Semester Grade Point Average (SGPA) is awarded to candidates considering all the courses of the semester. Zero grade points are also included in this computation.

**10.3** To arrive at Cumulative Grade Point Average (CGPA), the formula is used considering the student's performance in all the courses taken in all the semesters completed up to that particular point of time.

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# BAPATLA ENGINEERING COLLEGE:: BAPATLA (Autonomous)

## 10.4 Example

Semester	Course Code.	Credits	Grade	Grade Point	Credit Points	SGPA	CGPA
III	18EC301	3	C	7.5	22.5	<b>7.795</b> (171.5/22)	<b>7.795</b> (171.5/22)
III	18EC302	3	B	8.5	25.5		
III	18EC303	3	A	9.5	28.5		
III	18EC304	4	P	6	24		
III	18EC305	4	C+	8	32		
III	18EC306	2	B+	8	16		
III	18ECL301	1	P	6	6		
III	18ECL302	1	D	7	7		
III	18ECL303	1	A+	10	10		
<b>Total</b>		<b>22</b>			<b>171.5</b>		
IV	18EC401	3	P	6	18	<b>8.227</b> (210/26)	<b>8.670</b> (381.5/44)
IV	18EC402	3	B	8.5	25.5		
IV	18EC403	4	A+	10	40		
IV	18EC404	4	C	7.5	30		
IV	18EC405	2	C+	8	16		
IV	18EC406	3	B+	9	27		
IV	18ECL401	1	D	7	7		
IV	18ECL402	1	C	7.5	7.5		
IV	18ECL403	1	A+	10	10		
<b>Total</b>		<b>22</b>			<b>181</b>		

**11.0 ELIGIBILITY FOR AWARD OF B.TECH. DEGREE:** A student shall be eligible for award of the B.Tech degree if he/she fulfils all the following conditions:

- 1) Registered and successfully completed all the components prescribed in the Programme of study to which he/she is admitted
- 2) Obtained CGPA greater than or equal to 6.0 (Minimum requirements for Pass)
- 3) Has no dues to the Institute, hostels, Libraries, NCC/NSS etc., and
- 4) No disciplinary action is pending against him/her

**12.0 AWARD OF CLASS:** A candidate who becomes eligible for the award of B.Tech. Degree shall be placed in one of the following Classes based on CGPA.

**Table: CGPA required for award of Degree**

<b>Distinction</b>	<b>≥ 8.0*</b>
<b>First Class</b>	<b>≥ 7.0</b>
<b>Second Class</b>	<b>≥ 6.0<sup>#</sup></b>



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\* In addition to the required CGPA of 8.0, the student must have necessarily passed all the courses of every semester **in the minimum stipulated period for the Programme.**

# If the student did not obtain a CGPA of 6.0 after completing all courses of study, he/she should repeat some courses and obtain higher grade till his/her CGPA is 6.0. Unless he/she obtains a CGPA of 6.0, degree will not be awarded.

**12.1 Grade Sheet:** A grade sheet (Memorandum) will be issued to each student indicating his performance in all courses taken in that semester and also indicating the Grades and SGPA.

**12.2 Transcripts:** After successful completion of the total Programme of study, a Transcript containing performance of all academic years will be issued as a final record. Duplicate transcripts will also be issued if required after the payment of requisite fee. Partial transcript will also be issued up to any point of study to any student on request and by paying the stipulated fee in force.

**12.3** The Academic council of the College approves and recommends the same to Acharya Nagarjuna University for the award of a degree to any student.

### **13.0 IMPROVEMENT OF CLASS:**

**13.1** A candidate, after becoming eligible for the award of the Degree, may reappear for the Final Examination in any of the theory courses as and when conducted, for the purpose of improving the class. But this reappearance shall be only once and within a period of two academic years after becoming eligible for the award of the Degree.

However, this facility shall not be availed by a candidate who has taken the Original Degree Certificate. Candidates shall not be permitted to reappear either for CIE in any course or for Semester End Examination (SEE) in laboratory courses (including Project Viva-voce) for the purpose of improvement.

**14.0 SUPPLEMENTARY EXAMINATIONS:** In addition to the Regular Final Examinations held at the end of each semester, Supplementary Final Examinations will be conducted during the academic year. Candidates taking the Regular / Supplementary examinations as Supplementary candidates may have to take more than one Final Examination per day.

**15.0 INSTANT SUPPLEMENTARY EXAMINATIONS:** Candidates who fail in one theory course of VIII semester can appear for Instant Supplementary Examination conducted after declaration of the revaluation results of the said exam.

### **16.0 MALPRACTICES:**

The Principal shall refer the cases of malpractices in Continuous Internal Evaluation (CIE) and Semester End Examination (SEE) to an Enquiry Committee constituted by him / her. The Committee will submit a report on the malpractice allegedly committed by the student to the Principal. The Principal along with the members of the Committee is authorized to award a punishment as per the norms, if the student is found guilty.

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## **BAPATLA ENGINEERING COLLEGE:: BAPATLA (Autonomous)**

- 16.1 To prevent the students indulging in Malpractices through latest electronic gadgets such as Cell-phones, Pagers, Organizer PDAs and Palmtops in addition to chits, printed material etc. in the examination halls, students shall be thoroughly checked at the main entrance as well as in the examination halls by the invigilators. The senior staff members appointed as internal flying squad has greater and decisive role to play in this regard.
  - 16.2 A notice displaying the 'SCALE OF PUNISHMENT' shall prominently be displayed at the Main Entrance to the Examination Halls, preferably near the 'Seating Plan Display'.
  - 16.3 If any student is found resorting to malpractice, the matter shall immediately be brought to the notice of Chief/Additional chief superintendent, Flying squad by the invigilator concerned.
  - 16.4 The above staff members will then prepare a detailed report on the spot in proforma-I (copy enclosed) of the case. The full details of the offence and the details of supporting material must be written in establishing the case. The residential addresses of the students involved in malpractice shall be noted with contact telephone numbers in the malpractice report.
  - 16.5 A written statement is to be obtained from the candidate. If any candidate refuses to give the written statement, the same shall be recorded by the invigilator with the signature of another invigilator as witness.
  - 16.6 Whatever be the supporting material for establishing the case of malpractice, the same are to be confiscated immediately for sending the same to the Malpractices prosecuting committee as a proof.
  - 16.7 The supporting materials so confiscated shall be signed by the chief superintendent and flying squad/invigilator and shall be attached and tagged properly to the scripts of the malpractice cases and are to be sent to Malpractices prosecuting committee along with the report (proforma enclosed).
  - 16.8 Any representation to relax the punishment will not be entertained by Malpractices prosecuting committee.
  - 16.9 The answer scripts of the candidates who resorted to mal-practice shall be packed in a separate sealed cover duly subscribing on the cover as "MAL-PRACTICE" and send the same to Malpractices prosecuting committee.
  - 16.10 Any student who is arrogant and does not follow the examination rules shall be sent out of the examination hall after collecting his question paper and answer book. Complaints on such cases shall be lodged to the Principal irrespective of imposter is an examinee or an outsider.
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# BAPATLA ENGINEERING COLLEGE:: BAPATLA (Autonomous)

## SCALE OF PUNISHMENT FOR MAL-PRACTICE CASES

Rule No.	Nature of Offence	Scale of Punishment
01	<p>Writing unparliamentary / vulgar / obscene / words or Language in the answer book.</p> <p style="text-align: center;">OR</p> <p>Refusing to obey instructions of Chief Superintendent / Invigilator.</p>	<p>The performance of the candidates in that subject shall be cancelled. Further the case should be referred to the disciplinary committee by Chief Superintendent / Malpractices prosecuting committee. If the student repeat the same offence, the performance of the candidate in the semester examination in ALL SUBJECTS (whole/part examination, as the case may be, including Practicals) shall be cancelled</p>
02	<p>A candidate found in possession of any relevant material pertaining to the day of examination such as Papers, Books, Notes</p> <p style="text-align: center;">OR</p> <p>Notes written on any part of the clothes dressed by the candidate or any part of his/her body or any part of Table or Desk;</p> <p style="text-align: center;">OR</p> <p>Foot rule, instruments like setsquare, protractor, calculator, mobile phones, etc., with notes written on them.</p> <p style="text-align: center;">OR</p> <p>Mass copying at the examination centre detected during the conduct of examination or during valuation.</p>	<p>The candidate is to be sent out of the examination hall immediately after obtaining his/her written explanation and duly confiscating his/her Hall-ticket. He/she shall be allowed to appear for the remaining subjects in that examination by obtaining duplicate hall ticket. The performance of the candidates in that subject shall be cancelled. Further depending on severity of offence or reoccurrence of the offence by the student, the Malpractices prosecuting committee may impose the cancellation of performance of the candidate in two or more or ALL SUBJECTS (whole/part examination, as the case may be, including Practicals) in that semester examination.</p>
03	<p>A candidate found having copied or indulging in copying from any paper, book or notes or any other source or allowed or is found allowing any other candidate to copy any matter from his/her answer book or to have in any manner rendered any assistance to another candidate, or if he/she is found to have been receiving assistance from another candidate.</p> <p style="text-align: center;">OR</p> <p>Destruction or suppression of the evidence of the forbidden material in any way like swallowing, tearing or throwing outside etc.</p>	<p>The candidate is to be sent out of the examination hall immediately after obtaining his/her written explanation and duly confiscating his/her Hall-ticket. He/she shall be allowed to appear for the remaining subjects in that examination by obtaining duplicate hall ticket. The performance of the candidates in that subject shall be cancelled. Further depending on severity of offence or reoccurrence of the offence by the student, the Malpractices prosecuting committee may impose the cancellation of performance of the candidate in two or more or ALL SUBJECTS (whole/part examination, as the case may be, including Practicals) in that semester examination.</p>



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04	Copying detected on the basis of internal evidence such as during valuation/special scrutiny	The performance of the candidates in that subject shall be cancelled. Further depending on severity of offence or reoccurrence of the offence by the student, the Malpractices prosecuting committee may impose the cancellation of performance of the candidate in two or more or ALL SUBJECTS (whole/part examination, as the case may be, including Practicals) in that semester examination. Note for MPC: "The Malpractice Prosecuting Committee which awards the punishment to the candidates involved in the malpractice has to make sure of the involvement of the Candidate/s in the offence before any punishment is awarded to the candidate/s."
05	Throwing of Question paper after writing the answers on it to the other candidate(s) with the intention to help the other candidate(s).  OR Throwing / Sending the Question paper/ questions contained in the question paper on any sheet/article out during the period of examination with an intention to receive assistance and caught by the Invigilator or by an Officer involved in the conduct of examinations	The candidate is to be sent out of the examination hall immediately after obtaining his/her written explanation and duly confiscating his/her Hall-ticket. He/she shall be allowed to appear for the remaining subjects in that examination by obtaining duplicate hall ticket. The performance of the candidates in that subject shall be cancelled. Further depending on severity of offence or reoccurrence of the offence by the student, the Malpractices prosecuting committee may impose the cancellation of performance of the candidate in two or more or ALL SUBJECTS (whole/part examination, as the case may be, including Practicals) in that semester examination.
06	Exchanging intentionally the answer scripts with a view to give or take help from another examinee.	The candidates (both who helps and who takes help) are to be sent out of the examination hall immediately after obtaining his/her written explanation and duly confiscating his/her Hall-ticket. The performance of all the candidates involved in the act in all subjects in that particular year/semester examination (whole/ part examination, as the case may be, including Practicals) shall be cancelled.
07	Taking away the answer book or leaving the examination hall without handing over the answer book to the Invigilating Staff whether returned Subsequently or tearing the answer Book.	The performance of the candidate in all subjects in that semester examination (whole/part examination, as the case may be, including Practicals) shall be cancelled and shall not be permitted to appear for whole/part examination, as the case may be, for next subsequent semester examinations.





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08	Writing of answers in the answer book by his/her associates in the examination hall or at any other level.	The performance of all the candidates involved in the act in all subjects in that particular year/semester examination (whole/part examination, as the case may be, including Practicals) shall be cancelled and the candidates shall not be permitted to appear for TWO subsequent semesters examinations and they shall not be permitted to study the next higher class (debarred for one semester).
09	Obstructing the Chief Superintendent from performing his/her duties, abusing, threatening and showing disrespect towards Invigilator/ Chief Superintendent/ any other official connected with the conduct of examination within the institution premises.	The culprits are to be handed over to the Police immediately and a Criminal case is to be booked against them. The performance of the candidate in the particular year/ semester examination in ALL SUBJECTS (whole/part examination, as the case may be, including Practicals) shall be cancelled and the candidates shall not be permitted to appear for TWO subsequent semesters examinations and they shall not be permitted to study the next higher class (debarred for one semester).
10	Substitution of answer book. OR Insertion of drawing sheets or replacement of main answer book written outside with one written inside the examination hall.	The performance of the candidate in all subjects in that semester examination (whole/ part examination, as the case may be, including Practicals) shall be cancelled and the candidate shall not be permitted to appear for TWO subsequent examinations and he/she is not permitted to study next higher class (debarred for one semester).
11	Impersonation.	The performance of both the candidates, i.e., the impostor and the candidate, who is being impersonated, in all subjects in that semester examination (whole/ part examination, as the case may be, including Practicals) shall be cancelled and they are not permitted to study and appear for any examination for the next THREE semesters (including academic year in which the impersonation has taken place) in respect of either or both the candidates. A Criminal case may be lodged in the Police Station if the impostor is an outsider
12	Physical assault within the institution premises on personnel connected with the conduct of examinations.	The performance of the candidate in all the subjects in that semester examination (whole/part examination, as the case may be, including Practicals) shall be cancelled and the candidate shall not be permitted to appear for THREE subsequent examinations and he/she is not permitted to study next higher class (debarred for two semester), if any, till he/she completes the punishment period. A Criminal / Disciplinary case is to be booked against the culprits involved in the act.



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13	Possession of blank main answer book/ additional answer book/ drawing sheet/ graph sheet which have not been issued in the Examination hall on the day of exam.	A Criminal / Disciplinary case is to be booked against the candidate. The matter should be brought to the notice of the authorities for initiation of appropriate action against all the guilty. The performance of the candidate in all subjects in that semester examination (whole/part examination, as the case may be, including Practicals) shall be cancelled.
14	Other offences, if any, not covered under the above provisions.	The Malpractice Prosecuting Committee shall make specific recommendations on the punishment to be awarded keeping in view the gravity of offence and also the scale of punishment, as above.

### **NOTE:**

1. No re-examination shall be conducted, where candidates resort to boycott of examinations on any pretext.
  2. In case a candidate resorting to malpractice by copying from any material in his/her possession and/or by any means is caught by the Flying Squad or Observers or any other Officer posted for duty for the examination, the explanation of the Invigilator in that particular hall of examination shall be called for, for not detecting the same and appropriate disciplinary action be initiated against him/her, after examining his/her explanation in the matter.
  3. In all the malpractice cases the report made by the Invigilators should be thoroughly enquired into by the Chief Superintendent concerned and he/she should satisfy himself/herself with all the details in the Invigilators report and record the same in his/her report.
  4. In cases where there is a laxity on the part of invigilators and chief superintendents and other officials connected with the conduct of examinations in the discharge of their duties properly, such as in cases where mass copying is reported in an examination hall or where the candidate involved in malpractice in an examination hall is booked by flying squad or others but not the invigilator, then appropriate disciplinary action should be taken against all the staff members involved, after giving them notice and considering their explanations, if any, offered.
  5. Punishment for different offences committed in all cases and its duration is mentioned above. It is quite possible that in few cases, the punishment recommended to the candidates, may exceed, the validity of the Curriculum in existence. In such cases, the punishment period should be limited to that extent within which the candidate has to obtain his/her B.Tech. In certain cases, the candidate may not get any more chances to appear for examination and qualify for the award of B.Tech. The candidate will have to suffer the consequence for his/her misdemeanor.
  6. In all cases of Malpractice, the hall ticket of the candidate is to be confiscated and shall be sent to the Malpractices prosecuting committee along with the answer script in separate cover. The candidate shall not be permitted to appear for the remaining subjects if any, in that examination.
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# **BAPATLA ENGINEERING COLLEGE:: BAPATLA** (Autonomous)

## **PROFORMA - I**

### **BAPATLA ENGINEERING COLLEGE:: BAPATLA** (Autonomous)

#### **MAL-PRACTICE CASE REPORT**

1. Examination Hall	:	_____
2. Date of Examination	:	_____
3. Time of Examination	:	_____
4.a) Course	:	_____
b) Year/Semester	:	_____
c) Scheme	:	_____
5. Subject in which candidate is booked:		
a) Subject Code	:	_____
b) Subject	:	_____
6. Particulars of the candidate booked:		
a) Regd. No.	:	_____
b) Name	:	_____
c) Residential address	:	_____
	:	_____
	:	_____
	:	_____
7. (a) Case booked by	:	Invigilator / Squad Members / Surprise Check Squad / Other Invigilator / Chief superintendent / Examination officers (Strike out whichever is not applicable)
(b) Name & Designation of the Staff who booked the case	:	_____
(c) Name & Designation of the Other invigilators in the Hall as witness.	:	_____
8. Give Full Details of the Offence	:	_____
		_____
		_____
		_____
		_____
		_____

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9. Give full details of Supporting material like Written Chits, Printed material, Mobile Phones, Books, Matter written on Scale, Calculator case etc., (matter should be related to the subject of examination on that day). If copied, the copied matter is to be marked in the supporting material and write Regd. No. of the candidate on the supporting material and should be sent to this office along with the answer booklet.

11. Signature of the Invigilator : \_\_\_\_\_  
(whether the case is booked by him or by other officials )

12. Whether the student has given : YES / NO  
the statement or not ?

13. Signature of the candidate : \_\_\_\_\_

14. Remarks of the : \_\_\_\_\_  
Chief Superintendent  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**SIGNATURE OF THE CHIEF SUPERINTENDENT**

- Encl: 1) Answer-script  
2) Forbidden confiscated material  
3) Statement of Student.

### **17.0 AMENDMENTS TO REGULATIONS:**

The Academic Council of Bapatla Engineering College (Autonomous) reserves the right to revise, amend, change or nullify the Regulations, Schemes of Examinations, and/ or Syllabi or any other matter pertained that meets to the needs of the students, society and industry without any notice and the decision is final.



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## DISCIPLINE AND CODE OF CONDUCT FOR STUDENTS

The following are some of the important rules of discipline. All students are required to be aware of and act consistently with these values.

1. Students must punctually attend all lectures, practicals, tutorials, assignments, tests, examinations, etc. A student whose attendance and/or progress in the various tests and examinations are not satisfactory and who does not perform the required number of assignments, tutorials and/or practicals are likely to lose their terms. Prolonged absence even on ground of ill health may also lead to loss of terms. Defaulters will not be sent up for Final /University Examinations.
2. The identity card is meant for identifying bonafied students and is used for permitting the students to participate in various activities and programs of the college. Every student must wear Identity card as long as he/she is in the college campus. It must be produced by the student whenever demanded by the member of the teaching or non-teaching staff of the college. Every student must wear his/her Identity card in the college every day. He/She must take proper care of it to avoid its misuse by other students and outsiders. In case the Identity card is lost, the matter should be immediately reported to the Principal and an application should be made for a duplicate Identity card, which will be issued on payment of charges.
3. The conduct of the students in the classes and in the premises of the college shall be such as will cause no disturbance to teachers, fellow students or other classes.
4. Every student shall wear a clean formal dress while coming to the college also when representing the college for various activities out station.
5. No Society or Association shall be formed in the College and no person should be invited in the college campus without the specific permission of the Principal.
6. No student is allowed to display any Notice/Circular/Poster/Banner in the College premises without the prior permission of the Principal.
7. Using foul language in the college campus is prohibited. If any student is caught using foul language, disciplinary action shall be initiated against the student.
8. Use of **BEC name tag or logo** by the students for their caste, political, religious, personal reasons is prohibited. Further placing banners on caste, political, religious, personal reasons, promoting cinema heroes & political leaders, taking possessions and burning fire crackers in front of the college is strictly prohibited. If any student is involved in such activities in and around the campus, severe disciplinary action will be taken including rustication from the college and filing a criminal case.





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9. Outsiders are not permitted in the college premises without the prior permission of the Principal. College students are not allowed to bring their relatives/friends to the college premises without the permission of the principal.
10. All meetings, cultural programs, debates, elocutions etc. organized on the college premises must be held in presence of teaching staff members and with the prior permission of the Principal. The subjects of debates/elocutions must have the prior approval of the principal.
11. Conducting fresher's meet, farewell meets etc. by the students outside the campus are prohibited. If any student is involved in such activities (organizing as well as participating), severe disciplinary action will be taken including rustication from the college.
12. Students must take proper care of the college property. Strict action will be taken against students damaging College property and will be required to compensate the damage.
13. Students should not be involved in academic offences including cheating or plagiarism in academic course work malpractices at the College/Board/University Examinations
14. Smoking is strictly prohibited in the college premises.
15. If, for any reason, the continuance of a student in the College is found detrimental to the best interest of the college, the Management may ask the student to leave the college without assigning any reasons and the decision will be final and binding on the student.
16. Playing music on Transistors, Tape-Recorders, Car Stereos, Mobile phones or any other similar gadgets with or without earphones is strictly prohibited in the college premises. Defaulters will be punished and their instrument shall be confiscated.
17. Use of Mobile phones is strictly prohibited in the academic area of the college, Defaulters will be penalized and their instrument confiscated.
18. Students who are travelling to college on personal vehicles (2/4 wheelers) need to have valid driving license issued by RTO and follow all the rules listed by RTO. Students have to park the vehicle in the parking area of the college.
19. Students must not hang around in the college premises while the classes are at work.
20. Students must not attend classes other than their own without the permission of the authority concerned.
21. Students shall do nothing inside or outside the college that will interface with the discipline of the college or tarnish the image of the college.
22. Students are not allowed to communicate any information about college matters to Press.
23. Matters not covered above will be decided at the discretion of the Principal.



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Acts of misbehavior, misconduct, indiscipline or violation of the Rules of Discipline mentioned above liable for one more punishments as stated below:

- A. Warning to the students.
- B. Warning to the student as well as inform the parents.
- C. Imposition of a fine.
- D. Denial of gymkhana, library, laboratory, N.C.C., N.S.S. student aid or any other facility for a specified period or for the whole Term/Year.
- E. Expulsion from College for a specified period
- F. Cancellation of Terms.
- G. Refusal of admission in the term or academic year.
- H. Cancellation of admission.
- I. Rustication.

## **Anti Ragging Rules and Regulations (As per AICTE Norms)**

1. **What constitutes Ragging:** - Ragging constitutes one or more of any of the following acts:
  - a. any conduct by any student or students whether by words spoken or written or by an act which has the effect of teasing, treating or handling with rudeness a fresher or any other student;
  - b. indulging in rowdy or undisciplined activities by any student or students which causes or is likely to cause annoyance, hardship, physical or psychological harm or to raise fear or apprehension thereof in any fresher or any other student;
  - c. asking any student to do any act which such student will not in the ordinary course do and which has the effect of causing or generating a sense of shame, or torment or embarrassment so as to adversely affect the physique or psyche of such fresher or any other student;
  - d. any act by a senior student that prevents, disrupts or disturbs the regular academic activity of any other student or a fresher;
  - e. exploiting the services of a fresher or any other student for completing the academic tasks assigned to an individual or a group of students.
  - f. any act of financial extortion or forceful expenditure burden put on a fresher or any other student by students;
  - g. any act of physical abuse including all variants of it: sexual abuse, homosexual assaults, stripping, forcing obscene and lewd acts, gestures, causing bodily harm or any other danger to health or person;
  - h. any act or abuse by spoken words, emails, posts, public insults which would also include deriving perverted pleasure, vicarious or sadistic thrill from actively or passively participating in the discomfiture to fresher or any other student;



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- i. any act that affects the mental health and self-confidence of a fresher or any other student with or without an intent to derive a sadistic pleasure or showing off power, authority or superiority by a student over any fresher or any other student.
2. **Actions to be taken against students for indulging and abetting ragging in technical institutions Universities including Deemed to be University imparting technical education:-**
  1. The punishment to be meted out to the persons indulged in ragging has to be exemplary and justifiably harsh to act as a deterrent against recurrence of such incidents.
  2. Every single incident of ragging a First Information Report (FIR) must be filed without exception by the institutional authorities with the local police authorities.
  3. The Anti-Ragging Committee of the institution shall take an appropriate decision, with regard to punishment or otherwise, depending on the facts of each incident of ragging and nature and gravity of the incident of ragging.
  4. a) Depending upon the nature and gravity of the offence as established the possible punishments for those found guilty of ragging at the institution level shall be any one or any combination of the following:-
    - (i) Cancellation of admission
    - (ii) Suspension from attending classes
    - (iii) Withholding/withdrawing scholarship/fellowship and other benefits
    - (iv) Debarring from appearing in any test/examination or other evaluation process
    - (v) Withholding results
    - (vi) Debarring from representing the institution in any regional, national or international meet, tournament, youth festival, etc.
    - (vii) Suspension/expulsion from the hostel
    - (viii) Rustication from the institution for period ranging from 1 to 4 semesters
    - (ix) Expulsion from the institution and consequent debarring from admission to any other institution.
    - (x) Collective punishment: when the persons committing or abetting the crime of ragging are not identified, the institution shall resort to collective punishment as a deterrent to ensure community pressure on the potential raggers.



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## Important Contact Numbers (In case of Ragging)

Sl.No.	Member Category	Name of the Member	Phone No
1.	Principal	Dr. S. Rajasekaran, M.Tech., Ph.D.	9440730035
2.	<b>HODs:</b> Chemical Engg. Civil Engg. CSE ECE EEE EIE IT Mechanical Engg. M.C.A. Mathematics Physics Chemistry English T& P Warden, Campus Hostel Coordinator for anti ragging	Dr. J.S.Rao, M.Tech., Ph.D. Dr. Ch.Naga Satish Kumar, M.Tech., Ph.D. Dr. Shaik Nazeer, M.Tech., Ph.D., Dr. B.Chandramohan, M.Tech., Ph.D. Dr. N.Rama Devi, M.Tech.,Ph.D., Prof. Ch.Ramesh M.Tech., (Ph.D.) Prof. N.Sivarama Prasad, M.Tech.,( Ph.D.) Dr. T.Nanacharaiah, M.Tech., Ph.D. Sri. K.N.Prasad, M.C.A.,M.Tech., Dr. P.VijayaSaradhi, M.Sc.,M.Phil.,Ph.D. Dr. K.Ramakrishna, M.Sc., Ph.D. Dr. V.MadhavaRao, M.Sc., Ph.D. Dr. P.AshaMadhavi, M.A.,M.Phil.,Ph.D. Mr. Justin Chako Dr. T.Chandrasekhara Rao  Mr. Y.Narendra	9490224100 9440110124 9642302577 9491112477 9703374075 9701407595 9885882200 9492715018 8121708069 9949559288 9441207751 8374498399 9951507742 9845787354 9848276672  9704090941
4.	Police Department	Crime Stopper SP, Guntur Rural SP Camp Office DSP, Bapatla CI, Bapatla Town CI, Bapatla Rural PS, Bapatla Town SI, Bapatla Rural <b>Anti-Ragging Toll Free</b>	1090 9440796200 08632234828 9440796165 9440796171 9440796221 08643-224036 9440796258 <b>18004255314</b>



# Bapatla Engineering College :: Bapatla (Autonomous)

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## ACADEMIC CALANDER PROPOSED ACADEMIC CALANDER FOR I B. TECH. CLASSES FOR THE ACADEMIC YEAR - 2018-2019

### I B. TECH. CLASSES:

DESCRIPTION	I SEMESTER	II SEMESTER
COMMENCEMENT OF SEMESTER	<b>12-06-2018</b>	<b>17-12-2018</b>
ORIENTATION PROGRAM	12-06-2018 TO 21-07-2018	---
COMMENCEMENT OF CLASS WORK	23-07-2018	17-12-2018
FIRST MID-TERM EXMINATIONS	19-09-2018 TO 22-09-2018	18-02-2019 TO 20-02-2019
LAST INSTRUCTION DAY	20-11-2018	13-04-2019
SECOND MID-TERM EXAMINATIONS	22-11-2018 TO 24-11-2018	15-04-2019 TO 17-04-2019
PREPARATION HOLIDAYS	25-11-2018 TO 02-12-2018	18-04-2019 TO 23-04-2019
PROPOSED DATE OF SEMESTER END EXAMINATIONS	03-12-2018 TO 12-12-2018	24-04-2019 TO 03-05-2019

Dasara Vacation : 14.10.2018 to 21.10.2018  
Pongal Vacation : 13.01.2019 to 20.01.2019  
Summer Vacation : 04.05.2019 to 23.06.2019

Commencement of class work for the academic year 2019-20 for II B.Tech: 24.06.2019

**PRINCIPAL**



# Bapatla Engineering College :: Bapatla (Autonomous)

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## **CENTRAL LIBRARY**

### **Library resources, facilities & services**

The Central Library of Bapatla Engineering College, one of the biggest Libraries in the state has been playing a vital role as information centre catering to the academic and learning needs of the students & faculty.

**Library Timings:** The Central Library functions from 7AM to 7 PM on all working days.

**Resources:** As a knowledge bank, the Central Library of BEC has a rich collection of 74,015 books, 523 online International technical journals and 120 print journals.

**Library Automation:** The Library catalogue of books (OPAC) & Circulation of Books (Issue & Return of Books) have been fully computerized with SOUL Library Software & Bar coding system for well maintenance and effective functioning of the Library.

**Circulation of Books:** All the students are allowed to borrow 2 books per head from the Library on their borrower tickets for a period of one week. Students are required to pay fine for the late return of books as per the Library rules.

**Reference book service:** A separate reference section is maintained in the Central Library with a stack of 14,107 books including encyclopedias, subject hand books & reference text books.

**Issue of reference text books:** Students may borrow the reference text books half an hour before closing the Library and return the same by 7.30 AM in the next day.

**Book Bank facility:** A Book Bank is maintained in the Central Library with 20,634 text books for the benefit of SC, ST & BC category students. All SC & ST category students (scholarship holders) are eligible to borrow 12 books per head from Book Bank for each semester. BC category students are allowed to borrow 2 books per head from Book Bank for each semester.



# Bapatla Engineering College :: Bapatla (Autonomous)

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**No Dues Certificate:** The student who completed the course of study in the College should get a no dues certificate from the Library by returning all the tickets & books borrowed from the College Library & Book Bank.

**Library staff:** The Central Library has 08 well experienced staff including the Librarian having more than 10 to 25 years of working experience.

**Digital Library:** A separate Digital Library is maintained in the Central Library with the infrastructure of 28 computers and 3,044 educational CDs. The Digital Library provides internet facility to the students and faculty.

Students can access the full text of the following e resources in the Digital Library.

- International e journals (Science Direct, IEEE, ASME & ASCE)
- NPTEL Video courses developed by all IITs
- e – books and e – journals of DELNET Digital Library

**Xeroxing facility:** The Library is providing reprographic facility to students to disseminate material quickly and cost effectively at 50ps. per copy.



**Bapatla Engineering College (Autonomous) :: BAPATLA**  
**DEPARTMENT OF .....**  
**Academic Year 2018-2019**  
**Schedule for Class Work (w.e.f. 12-06-2018)**

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**SEMESTER - I**

(Commencement of class work: 12-6-2018)

DAY/TIME	7.30 to 8.15	8.15 to 9.00	9.00 to 9.45	9.45 to 10.30	10.30 to 11.00	11.00 to 11.45	11.45 to 12.30	12.30 to 1.15
MON					<b>Break</b>			
TUE								
WED								
THU								
FRI								
SAT								

**Subjects & Staff**

SUJECT CODE	FACULTY NAME	PHONE NO	SUJECT CODE	FACULTY NAME	PHONE NO
S1			S6		
S2			L1		
S3			L2		
S4			L3		
S5					

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**Bapatla Engineering College (Autonomous) :: BAPATLA**  
**DEPARTMENT OF .....**  
**Academic Year 2018-2019**  
**Schedule for Class Work (w.e.f. 17-12-2018)**

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**SEMESTER - II**

(Commencement of class work: 17-12-2018)

DAY/TIME	7.30 to 8.15	8.15 to 9.00	9.00 to 9.45	9.45 to 10.30	10.30 to 11.00	11.00 to 11.45	11.45 to 12.30	12.30 to 1.15
MON					<b>Break</b>			
TUE								
WED								
THU								
FRI								
SAT								

**Subjects & Staff**

SUJECT CODE	FACULTY NAME	PHONE NO	SUJECT CODE	FACULTY NAME	PHONE NO
S1			S6		
S2			L1		
S3			L2		
S4			L3		
S5					

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## Notes

## Notes

## Notes

## Notes

## Notes



## Quotations for the Students

- Concerned about Environment: If you plan for 1 year -*plant rice*; If you plan for 10 years - *plant trees*; If you plan for 100 year - *Educate people*
- All great leaders are great readers
- Knowledge is a treasure but practice is the key to it
- Be a light, not a judge. Be a model not a critic. Be part of the solution, not part of the problem
- Self-trust is the first secret of success
- Success is a journey not a destination
- There are no shortcuts for success. The only route is hard work
- There is nothing impossible because the word says itself I am possible
- Reading is to the mind what exercise is to the body
- Obstacles are great incentives
- Imagination is more important than knowledge
- An ounce of knowledge is more precious than tons of gold
- The one who wants to climb the ladder, must begin at the bottom
- Happiness is a habit - cultivate it
- Ability will get you success, Character will keep you successful

**ADMINISTRATIVE & LIBRARY BLOCK**



**RESEARCH PARK**



**CIVIL & MECHANICAL BLOCK**



**LADIES HOSTEL**



**GENERAL ENGINEERING BLOCK**



**GUEST HOUSE**



**Bapatla Engineering College (Autonomous)**  
(Approved by AICTE, under the jurisdiction of Acharya Nagarjuna University, Guntur)  
Thrice Accredited by NBA  
Mahatmajipuram, GBC Road, Bapatla-522102,  
Guntur District, Andhra Pradesh