



## **6.1.1**

**The governance of the Institution is reflective of  
and inTune with the vision and mission  
of the Institution and it is visible in various  
institutional practices such as decentralization and  
participation in the institutional governance**

  
Principal  
PRINCETON INSTITUTE OF ENGINEERING  
& TECHNOLOGY FOR WOMEN  
Chowdaryguda, Korremula (V),  
Ghatkesar (M), Medchal Dist, TS-500088



**PRINCETON INSTITUTE OF ENGINEERING & TECHNOLOGY FOR WOMEN**  
(Affiliated to JNTUH, Hyderabad & Approved by AICTE, New Delhi)

Vijayapuri colony Chowdaryguda (V), Ghatkesar (M), Medchal (D), TS-500088

**The governance of the Institution is reflective of and in Tune with the Vision and mission of the Institution.**

**Composition of the governing Body (GB) as per UGC norms**

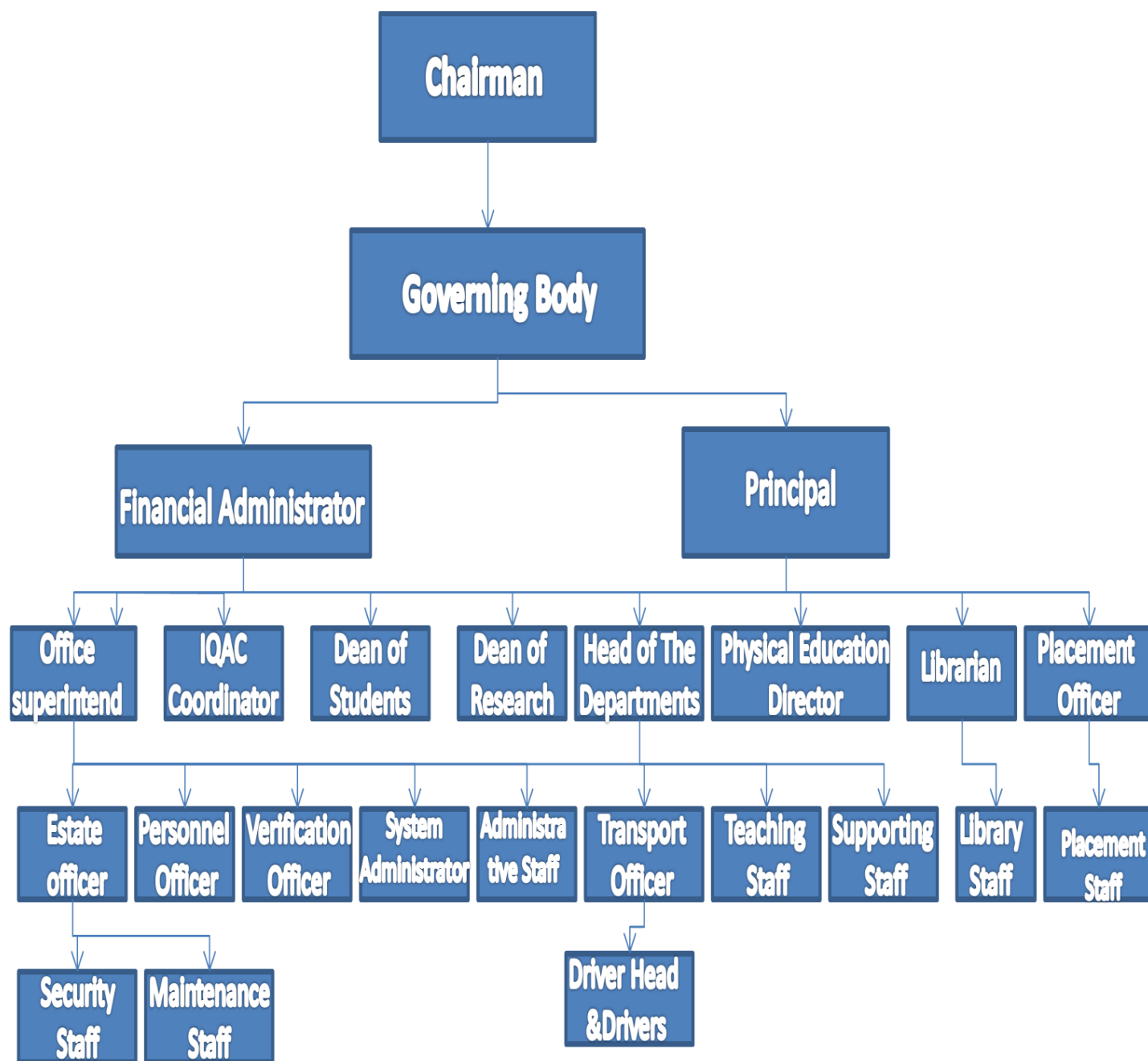
S.NO	NAME	POSITION
1	Dr.S Prabhakar Rao President Vagdevi	Member
2	S.Srinivas Rao Vice President Vagdevi	Member
3	Smt.S Aruna Secretary	Member
4	S.Deepthi Joint Secretary	Member
5	S.Sudheer kumar Treasurer	Member
6	S Aditaya Executive	Member
7	M Paul Rathnam Executuive	Member
8	Dr.K.shahu chatrapati JNTUH Nominee	Member
9	Dr.Rajeev Shrivastava principal	Member
10	Dr.A.krishna Murthy Vice Principal	Member
11	Dr.Arul Dolton,CSE,HOD	Member

  
Principal  
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## **VISION OF THE INSTITUTE**

The educational environment in order to develop graduates with the strong academic technical backgrounds needed to achieve distinction in the discipline and to bring up the Institution as an Institution of Academic excellence of International standard.

## **MISSION OF THE INSTITUTE**

We transform persons into personalities by the state-of-the-art infrastructure, time consciousness, quick response and the best academic practices through assessment and advice.

## **Quality Policy**

Princeton institution of technology and engineering for women imparts quality education by Practicing a system of quality assurance that enables continued improvement in the teaching – Learning practices and enhances student skills and talents.

  
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## Governing Body Proceedings

### STRATEGIC PLAN:

- ✓ Institutional Holistic Development:
- ✓ To become one among the top engineering colleges of the country
- ✓ To attract better input of students of below 1000 rank in state level entrance test(EAMCET)

### INFRASTRUCTURE DEVELOPMENT:

- ✓ To establish centre of excellences in each department on par with the industry standards
- ✓ To upgrade the existing laboratory facilities as per the latest technology
- ✓ To establish patent cell
- ✓ To establish maker space to facilitate fabricating prototypes on campus
- ✓ To make all laboratories and faculty rooms centrally air conditioned
- ✓ To upgrade the existing internet band width from 100Mbps to 1 Gbps
- ✓ To provide infrastructure for self learning facilities through MOOCS
- ✓ To construct an indoor stadium for indoor games





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### STRENGTHENING FACULTY:

- ✓ To ensure academic and research ambience on the campus 50% of the faculty with Ph. Dqualification
- ✓ To get the faculty updated with the current technological changes of the industry, faculty are to be encouraged to attend at least one Faculty Development Program per semester by each faculty
- ✓ To motivate the faculty towards self learning and continual education faculty are to be advised to undergo at least one certification program per semester
- ✓ To encourage faculty to publish their research work in peer reviews journals and conferences, and to give incentives for quality publications
- ✓ To encourage faculty to attend academic activities like presenting papers in conferences, attending FDPs, training programs, attending PhD course work etc. by providing leave on duty.

### RESEARCH & DEVELOPMENT:

- ✓ To apply for the grant of Recognized Research Centre by the university
- ✓ To get sponsored projects for at least 20% of the faculty
- ✓ To Create an Engineering consultancy centre, catering the technical consultancy need of other Institutes
- ✓ To initiate collaborative research with other organizations of repute
- ✓ To develop in house R&D by facilitating required infrastructure and financial support
- ✓ To get at least 50 patents to be filed by 2023
- ✓ To create infrastructure for facilitating the faculty to undertake consultancy work





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**STUDENT CAREER DEVELOPMENT CELL:**

- ✓ To establish Separate SOC Cell
- ✓ To encourage students to go for Internships
- ✓ To get 100% of the eligible students placed
- ✓ Strengthening Placement Cell
- ✓ To Strengthen Entrepreneurship Development Cell
- ✓ To offer GATE Coaching on campus
- ✓ To establish Centre for Foreign Languages
- ✓ To offer Certification Programs by the industry.

**ACADEMIC EXCELLENCE:**

- ✓ To Improve the teaching/ learning environment
- ✓ To implement choice based credit system
- ✓ To encourage the students to undergo online certification courses like NPTEL
- ✓ Promote and support institution readiness to adopt present and future technological development.

**EXAMINATION REFORMS:**

- ✓ To introduce digital evaluation in midsem.
- ✓ To train the faculty to set the question papers as per the blooms taxonomy level.

*Piyas*  
Principal  
PRINCETON INSTITUTE OF ENGINEERING  
& TECHNOLOGY FOR WOMEN  
Chowdaryguda, Koramla IV  
Ghatkesar (M), Medchal Dist. TS-500088



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# **SOP FOR DECENTRALIZATION/ PARTICIPATIVE MANAGEMENT**





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## **STANDARD OPERATING PROCEDURE - DECENTRALIZATION/PARTICIPATIVEMANAGEMENT**

The management of Princeton Institute of Engineering and Technology for Women is responsible for the following functions of Institute.

1. Vision
2. Mission
3. Leadership.

The aim and objective of the institute is to promote quality policy. It is the main ingredient to any institution growth, enhancement of professional education and competence.

### **VISION OF THE INSTITUTE**

The educational environment in order to develop graduates with the strong academic technical backgrounds needed to achieve distinction in the discipline and to bring up the Institution as an Institution of Academic excellence of International standard.

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# **PRINCETON INSTITUTE OF ENGINEERING & TECHNOLOGY FOR WOMEN**

## **(Affiliated to JNTUH, Hyderabad & Approved by AICTE, New Delhi)**

**Vijayapuri colony Chowdaryguda (V), Ghatkesar (M), Medchal (D), TS-500088**

### **Leadership**

1. Educate professionals on how to behave in order to meet academic requirements.
2. Demonstrate a high degree of competence in guiding students, professors, staff, and other stakeholders.
3. Assign duties for regulating mechanisms to authorized personnel and identify, design, assess, and control future possibilities and hazards within and outside the organization.
4. Collaborating with department heads within the institute to develop, administer, and improve academic and welfare support for students.
5. Follow the principal's decisions to encourage students and faculty to engage in rigorous learning techniques for the benefit of the social growth.
6. Make Principal work a responsibility to parents and other outsiders in the college community for assessment purposes.
7. Offer a hand in assisting the Principal in creating a loving and trusting environment.
8. Recruit faculty to do everything it takes to meet academic requirements in terms of student development.
9. Ensure that the institute meets the highest possible levels of excellence in all of its activities by leading, managing, and developing the skills of all faculties.

The Principal, Deans, Heads of Departments, and Coordinators & Conveners of Various Cells/Committees, etc. listed in the Organogram are the institute's backbones. i.e. the webpage contains a link.

### **STANDARD OPERATING PROCEDURE - Empowerment**

Starting with the Head of the Institution and ending with the students, the Institute has a solid and dynamic framework for representing authority at all levels of the institutional chain of command.

The Governing Council, which is made up of well-known professors and industry professionals, oversees the college. The Principal is in charge of both academics and administration and is appointed by the Management and Governing Council.

The Governing Council, Academic Council, IQAC, and Finance Committee are among the Institute's several committees that assist in the Institute's normal operation.

Other functional bodies involved in the college's governance include Planning and Development, Examination & Evaluation, Faculty and Student Affairs, Training & Placement Cell, Research & Development Cell, Library Committee, and Physical Education Department.



## **Leadership grooming:**

Academic and administrative matters will be handled by the top, medium, and entry-level leadership.

The necessary guidance is supplied to groom as future leaders who are identified early on and whose services are used in responsible roles.

The institution had made it a policy to develop leadership by “bringing up” a group of administrators at various levels in order to make future leaders available.

Copy : Secretary & Correspondent

Deans

IQAC

All heads & Members



# 6<sup>th</sup> Academic Council Meeting

## 2021-2022



## PRINCETON INSTITUTE OF ENGINEERING AND TECHNOLOGY FOR WOMEN

Approved by AICTE New Delhi, Affiliated to JNTU, Hyderabad  
Narapally, Hyderabad – 500 088

### Vision of the Institute

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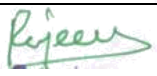




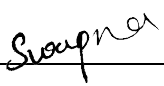
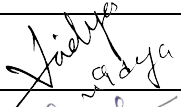
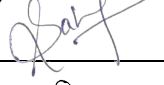
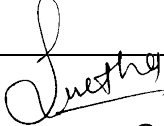

### Mission of the Institute

We transform persons into personalities by the state-of-the-art infrastructure, time consciousness, quick response and the best academic practices through assessment and advice.

## MEETING MINUTES OF THE ACADEMIC COUNCIL HELD ON 01-09-2021

The Academic council meeting was held at 10.30 AM on 01-09-2021 at the Board room under the chairmanship of Dr., Principal.

### Members Present:

Name	Designation	Signature
Dr.Rajeev Shrivastava	Principal	
Dr.A.Krishna Murthy	Vice -Principal / Coordinator of the IQAC	
Meera	Management Representative	
S.Swetha	Administrative Officers	
N.Pavani	HOD / CE	
I.Swapna	HOD / CSE	
Dr.Ankitha Nigam	Prof / CSE	
N.Vidya	HOD/ ECE	
P.Jyothi	Sr.Faculty / ECE	
G.Sandhya Rani	HOD/ EEE	
B.Swetha	HOD / H & S	

#1 & 5

### AGENDA:

1. The meeting of the Academic Council was held on 01-09-2021 @ 10.30 AM in Board room.
2. Our Principal, welcomed the members.
3. The members were appraised about the achievements of our institution in the past year by the Principal.
  - The year 2020-21 has been a successful year for our college (Five CSE allied courses have been approved by JNTUH)

- We have been placed in the 201-250 bands in NIRF 2021 among colleges in the country.
  - The performance of our students in co-curricular activities has been exemplary.
4. Approval of Institutional Academic Calendars. The Institutional Academic Calendars are placed at Annexure-1. The item is placed before the Academic Council for information & approval.
  5. Approve the Rules and Regulations, Curriculum & Syllabi (R18 Regulations) for B.Tech/M.Tech Degree programmes to be followed from the Academic Year 2021-2022 as prescribed by JNTUH (R18 regulation).
  6. Approve B.Tech / M.Tech Degree Programmes (R18 Regulations) under CBCS/ELECTIVE System, Add-on Programs/Courses to be followed from the Academic Year 2021-2022 as prescribed by JNTUH.
  7. Approve the CSE allied branches Curriculum & Syllabi (R18 Regulations), Add-on Programs/Courses, AI&ML, Data Science, Cyber security, Software Engg, IOT as per JNTUH
  8. To Finalize the scheme of examinations, and question pattern (with Blooms taxonomy and CO levels of all courses) for B.Tech I, II, III, and IV Year in Curriculum Under their Regulations for A.Y.2021-2022
  9. Approval of Subject Experts invited from outside the college, as members of each Department.
  10. Approval of various committees for the year 2021-2022
  11. To enhance Faculty and student Participation in NPTEL and Course era
  12. Approval of the list of Workshops, Seminars and other activities by various departments for the year 2021-2022
  13. Approval for initiating Industry – Institute nexus (AI Educator-AIML lab & Advaita IT labs -IOT lab)
  14. Principal informed that the physical classes have commenced for the students and the End Semester Examinations will also be conducted in the physical mode

Slm.no	TO CONSIDER	RESOLVED TO
4	Approval of Institutional Academic Calendars. The Institutional Academic Calendars are placed at Annexure-1. The item is placed before the Academic Council for information & approval.	Approves the Institutional Academic Calendars
5	Approve the Rules and Regulations, Curriculum & Syllabi (R18 Regulations) for B.Tech/M.Tech Degree programmes to be followed from the Academic Year 2021-2022 as prescribed by JNTUH (R18 regulation).	Approves the Rules and Regulations for B.Tech / M.Tech Degree programmes, Curriculum & Syllabi (R18 Regulations) to be followed from the Academic Year 2021-2022 as prescribed by JNTUH as per the Annexure-II attached herewith.

6	Approve B.Tech / M.Tech Degree Programmes (R18 Regulations) under CBCS/ELECTIVE System, Add-on Programs/Courses to be followed from the Academic Year 2021-2022 as prescribed by JNTUH.	Approves B.Tech / M.Tech Degree Programmes (R18 Regulations) under CBCS/ELECTIVE System, Add-on Programs/Courses to be followed from the Academic Year 2021-2022 as prescribed by JNTUH.
7	Approve the CSE allied branches Curriculum & Syllabi (R18 Regulations), Add-on Programs/Courses, AI&ML, Data Science, Cyber security, Software Engg, IOT as per JNTUH	Approves the Curriculum & Syllabi (R18 Regulations), Add-on Programs/Courses CSE allied branches as per JNTUH
8	To Finalize the scheme of examinations, and question pattern (with Blooms taxonomy and CO levels of all courses) for B.Tech I, II, III, and IV Year in Curriculum Under their Regulations for A.Y.2021-2022	Approves to follow as per JNTUH evaluation system
9	Approval of Subject Experts invited from outside the college, as members of each Department.	Approves that the departments can constitute subject expert by university, alumni and experts from different areas. The meetings were conducted either in Online or in Offline mode
10	Approval of various committees for the year 2021-2022	Approves a practice under Governance and Leadership, various committees have been constituted at the institutional level with of Teaching, Non-Teaching Faculty and students as members.
11	Approval of the list of Workshops, Seminars and other activities by various departments for the year 2021-2022	Approves the list of proposed Workshops, Seminars and other activities by various departments for the year 2021-2022
12	enhance Faculty and student Participation in	Approves the Industry Oriented and Add-on



	NPTEL and Course era	courses
13	Approval for initiating Industry – Institute nexus (AI Educator-AIML lab & Advaita IT labs -IOT lab)	Approves of AIML lab and IOT lab for the year 2021-2022

## Annexure-1 Institutional Academic Calendar

### A.Y 2021-2022

01-Sep-2021	Academic council meeting (10.30 AM)& IQAC Meeting (3.00 PM)
02-Sep-2021	Principal meeting with Mechanical department (Planning & Execution)
03-Sep-2021	Principal meeting with Civil department (Planning & Execution) 2021-22
04-Sep-2021	EEE- Dept. meeting-1(Planning & Execution)2021-22
05-Sep-2021	Sunday
06-Sep-2021	ECE- Dept. meeting-1 (Planning & Execution)2021-22
07-Sep-2021	CSE- Dept. meeting-1 (Planning & Execution)2021-22
08-Sep-2021	Induction programme including Micro teaching -ECE department faculty (below 3yrs experienced faculty)
09-Sep-2021	Commencement of first semester class work (III yr & IV yr)
10-Sep-2021	Vinayaka Chavithi
11-Sep-2021	Induction programme including Micro teaching -EEE department faculty (below 3yrs experienced faculty)
12-Sep-2021	Sunday
13-Sep-2021	Induction programme including Micro teaching -CSE department faculty (below 3yrs experienced faculty)
14-Sep-2021	Induction programme including Micro teaching -Civil department faculty (below 3yrs experienced faculty)
15-Sep-2021	Engineers Day celebration
17-Sep-2021	CSE HOD meeting -1 (course file and attendance registers)
18-Sep-2021	ECE HOD meeting -1 (course file and attendance registers)
19-Sep-2021	Sunday



20-Sep-2021	EEE HOD meeting -1 (course file and attendance registers)
21-Sep-2021	CE HOD meeting -1 (course file and attendance registers)
24-Sep-2021	Meeting with Placement In charge(about CRT classes) & ECE Review-1
25-Sep-2021	ECE , EEE- Preparation of seminar schedule
26-Sep-2021	Sunday
28-Sep-2021	CSE- Preparation of seminar schedule for each class
30-Sep-2021	CE- Preparation of seminar schedule
25-Sep-2021	ECE- Seminar III ECE-A
26-Sep-2021	Sunday
27-Sep-2021	ECE- Seminar III ECE-B
28-Sep-2021	ECE- Seminar III ECE-C
29-Sep-2021	EEE- Seminar- III EEE
01-Oct-2021	CE- Seminar III CE& ECE Review-2
02-Oct-2021	Gandhi jayanthi
03-Oct-2021	Sunday
04-Oct-2021	IV CSE –A IOMP First review
05-Oct-2021	IV CSE –B IOMP First review
06-Oct-2021	IV ECE –A IOMP Third review
07-Oct-2021	IV ECE –B IOMP Third review
08-Oct-2021	IV ECE –C IOMP Third review
09-Oct-2021	IV EEE IOMP First review
10-Oct-2021	Sunday
11-Oct-2021 to 18-Oct-2021	Dussehra Recess
19-Oct-2021	Miladun Nabi
21-Oct-2021	IV CE IOMP First review
22-Oct-2021	EEE- Workshop(co-curricular activity) & ECE Review-IV
23-Oct-2021	CE- Workshop(co-curricular activity)
24-Oct-2021	Sunday
29-Oct-2021	ECE Review-V
03-Nov-2021	ECE- Workshop(co-curricular activity)
04-Nov-2021	Diwali
08-Nov-2021 to 13-Nov-2021	First Mid term Examination(III yr and IV yr)
20-Nov-2021	Submission of the First Mid term examination on the web portal(III and IV yr)
22-Nov-2021	EEE- Seminar II EEE-A
23-Nov-2021	Principal meeting with ECE & EEE HOD (MID marks discussion)
24-Nov-2021	Principal meeting with Civil & Mech HOD (MID marks discussion)
25-Nov-2021	Principal meeting with CSE HOD (MID marks discussion)
26-Nov-2021	ECE Review-VI
30-Nov-2021	CSE-Dept. meeting-2
01-Dec-2021	EEE-Dept. meeting-2
03-Dec-2021	CE-Dept. meeting-2
04-Dec-2021	ECE-Dept. meeting-2
05-Dec-2021	Sunday
06-Dec-2021	Quiz program (II CSE A&B)

07-Dec-2021	Quiz program (II yr CSE allied branches (AI&ML,DS,SE,IOT,CS))
08-Dec-2021	Quiz program (II ECE)
09-Dec-2021	Quiz program (II EEE) (Induction Programme for I years)
10-Dec-2021	Quiz program (II Civil and Mech)
13-Dec-2021 to 18-Dec-2021	First Mid term Examination(II yr)
20-Dec-2021	Seminar /Workshop on Advanced Technologies (CSE)
21-Dec-2021	Seminar /Workshop (ECE)
22-Dec-2021	Seminar /Workshop (EEE)
23-Dec-2021	Seminar /Workshop Civil
24-Dec-2021	Submission of the First Mid term examination on the web portal(II yr)
25-Dec-2021	Christmas
26-Dec-2021	Sunday
03-Jan-2022	IV CSE –A IOMP Second review & Bridge classes for I years (CSE)
04-Jan-2022	IV CSE –B IOMP Second review& Bridge classes for I years (ECE)
05-Jan-2022	IV ECE –A IOMP Second review & Bridge classes for I years (EEE)
06-Jan-2022	IV ECE –B IOMP Second review & IQAC meeting
07-Jan-2022	IV ECE –C IOMP Second review & Bridge classes for I years (AI ML & DS)
08-Jan-2022	IV EEE IOMP Second review & Bridge classes for I years (IOT,SE,CS)
09-Jan-2022	Sunday
10-Jan-2022	IV Civil IOMP Second review
13-Jan-2022 To 17-Jan-2022	Sankranti Holidays
18-Jan-2022	CSE & ECE Department meetings about MID-II Question papers setting
19-Jan-2022	CE, EEE- Department meetings about MID-II Question papers setting
02-Feb-2022 To 05-Feb-2022	Second MID term examinations (III yr and IV yr)
07-Feb-2022 To 08-Feb-2022	Practical Exams (III yr and IV yr)
09-Feb-2022	Submission of Second Mid Term Exam Marks (III yr and IV yr) to the exam branch on or before 01-03-2022
12-Feb-2022	End Semester Examination (III yr and IV yr) (9-2-2022 to 2-3-2022)
14-Feb-2022 To 19-Feb-2022	Second MID term examinations (II yr) & First MID examination (I yr)
25-Feb-2022	Submission of Second Mid Term Exam Marks (II yr) to the exam branch on or before 25-02-2022
26-Feb-2022	Submission of Second Mid Term Exam Marks (I yr) to the exam branch on or before 26-02-2022
28-Feb-2022 To 05-Mar-2022	Practical Exams (II yr) & Result analysis with HOD(H&S) (I yr)
03-Mar-2022	Commencement of Second semester class work (III yr & IV yr)
07-Mar-2022 To	End Semester Examination (II yr) (07-3-2022 to 19-3-2022)

19-03-2022	
21-Mar-2022	Commencement of Second semester class work (II yr)
22-Mar-2022	Major Project CSE Review-1 & Bridge classes for I years (CSE)
23-Mar-2022	Major Project ECE Review-1 & Bridge classes for I years (ECE,EEE)
24-Mar-2022	Major Project EEE Review-1 & Bridge classes for I years (CE)
25-Mar-2022	Major Project Civil Review-1 & Bridge classes for I years (AIML,DS)
27-Mar-2022	Sunday
28-Mar-2022	Seminar /Workshop on Advanced Technologies (CSE)
29-Mar-2022	Seminar /Workshop (ECE)
30-Mar-2022	Seminar /Workshop (EEE)
31-Mar-2022	Seminar /Workshop (Civil)
05-Apr-2022	Principal meeting with Civil dept (Planning & Execution) 2021-22 Even sem
06-Apr-2022	Principal meeting with ECE dept (Planning & Execution) 2021-22 Even sem
07-Apr-2022	Principal meeting with EEE dept (Planning & Execution) 2021-22 Even sem
08-Apr-2022	Principal meeting with CSE dept (Planning & Execution) 2021-22 Even sem
11-Apr-2022	HOD meeting-CSE (Course files and registers) Major Project CSE Review-2
12-Apr-2022	HOD meeting-ECE (Course files and registers) Major Project ECE Review-2
13-Apr-2022	HOD meeting-EEE (Course files and registers) Major Project EEE Review-2
14-Apr-2022	HOD meeting-Civil (Course files and registers) Major Project Civil Review-2
15-Apr-2022	Good Friday
16-Apr-2022	HOD meeting-Civil (Course files and registers) Major Project Civil Review-2
25-Apr-2022 To 30-Apr-2022	IQAC 3 <sup>rd</sup> Meeting (25-04-2022) Seminar / Workshop / Hands-on Emerging Technologies (All branches)
02-05-2022 To 07-05-2022	First Mid term Examination(III yr and IV yr) Second Mid term Examination(I yr)
14-05-2022	Submission of the First Mid term examination on the web portal(III and IV yr) Submission of the Second Mid term examination on the web portal(I yr)
09-May-2022 To 14-May-2022	Practicals for I yr
16-May-2022 To 29-May-2022	Summer vacation (I,II,III yrs) Major Project CSE Review-3 Major Project ECE Review-3 Major Project EEE Review-3 Major Project Civil Review-3
30-May-2022 To 04-June-2022	First Mid term Examination(II yr)
30-May-2022 To	End semester examination (I yr) Odd Sem

11-June-2022	
30-May-2022	Principal meeting with ECE, EEE HOD (MID marks discussion)(III and IV yr)
31-May-2022	Principal meeting with Civil, HOD(MID marks discussion)(III & IV yr)
01-June-2022	Principal meeting with CSE HOD (MID marks discussion)(III and IV yr)
11-June-2022	Submission of the First Mid term examination on the web portal(II yr)
13-June-2022	Commencement of II semester Classwork (I yr)
13-June-2022 To 18-June-2022	Major Project CSE Review-4 Major Project ECE Review-4 Major Project EEE Review-4 Major Project Civil Review-4
20-June-2022 To 25-June-2022	Seminar / Workshop for all branches
04-Jul-2022 To 09-Jul-2022	Second Mid term Examination(IV yr) Even sem
09-Jul-2022	Submission of the second Mid term examination (IV yr) Even sem
11-Jul-2022 To 16-Jul-2022	End semester examination (IV yr) Even sem
18-Jul-2022 To 23-Jul-2022	Practical examination (III yr) Even sem
23-Jul-2022	Submission of the second Mid term examination (III yr) Even sem
26-Jul-2022 To 08-Aug-2022	End semester examination (III yr) Even sem
02-Aug-2022 To 06-Aug-2022	IQAC 4 <sup>th</sup> meeting (02-08-2022) Second MID term examination (II yr) Even sem
08-Aug-2022 To 16-Aug-2022	Practical examination (II yr) Even sem First Mid term Examination(I yr) Even sem
16-Aug-2022	Submission of the second Mid term examination (II yr)
22-Aug-2022	Submission of the First Mid term examination (I yr)
17-Aug-2022 To 30-Aug-2022	End semester examination (II yr) Even sem
05-Sep-2022	Bridge classes for I years (ECE,EEE)
06-Sep-2022	Bridge classes for I years (CSE)
07-Sep-2022	Bridge classes for I years (Civil)
08-Sep-2022	Bridge classes for I years (AIML &DS)
09-Sep-2022	Bridge classes for I years (SE,IOT,CS)

11-Oct-2022 To 15-Oct-2022	Second MID term examination (I yr) Even sem
17-Oct-2022 To 22-Oct-2022	Practical examination (I yr) Even sem
22-Oct-2022	Submission of the second Mid term examination (I yr)
24-Oct-2022 To 05-Nov-2022	End semester examination (I yr)

## ANNEXURE –II

- JNTUH -R18 Curriculum and Syllabi (ECE, CSE, EEE, Civil )
- JNTUH - R18 Elective System (ECE, CSE, EEE, Civil )

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**  
**B.Tech. in COMPUTER SCIENCE AND ENGINEERING (Internet of Things)**  
**II YEAR COURSE STRUCTURE & SYLLABUS (R18)**

Applicable From 2020-21 Admitted Batch

### II YEAR I SEMESTER

S. No.	Course Code	Course Title	L	T	P	Credits
1	CS301ES	Analog and Digital Electronics	3	0	0	3
2	CS302PC	Data Structures	3	1	0	4
3	MA303BS	Computer Oriented Statistical Methods	3	1	0	4
4	CS310PC	Discrete Mathematics	3	0	0	3
5	CS311PC	Python Programming	2	0	0	2
6	CS306ES	Analog and Digital Electronics Lab	0	0	2	1
7	CS307PC	Data Structures Lab	0	0	3	1.5
8	CS308PC	IT Workshop Lab	0	0	3	1.5
9	CS312PC	Python Programming Lab	0	0	2	1
10	*MC309	Gender Sensitization Lab	0	0	2	0
		<b>Total Credits</b>	<b>14</b>	<b>2</b>	<b>12</b>	<b>21</b>

### II YEAR II SEMESTER

S. No.	Course Code	Course Title	L	T	P	Credits
1	CS410PC	Computer Organization and Architecture	3	0	0	3
2	SM402MS	Business Economics & Financial Analysis	3	0	0	3
3	CS403PC	Operating Systems	3	0	0	3
4	CS411PC	Sensors and Devices	3	1	0	4
5	CS412PC	Object Oriented Programming using Java	3	1	0	4
6	CS406PC	Operating Systems Lab	0	0	3	1.5
7	CS413PC	Sensors and Devices Lab	0	0	3	1.5
8	CS408PC	Java Programming Lab	0	0	2	1
9	*MC409	Constitution of India	3	0	0	0

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**

**B.Tech. in COMPUTER SCIENCE AND ENGINEERING (ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING)**

**II YEAR COURSE STRUCTURE & SYLLABUS (R18)**

**Applicable From 2020-21 Admitted Batch**

**II YEAR I SEMESTER**

S. No.	Course Code	Course Title	L	T	P	Credits
1	CS310PC	Discrete Mathematics	3	0	0	3
2	CS302PC	Data Structures	3	1	0	4
3	MA313BS	Mathematical and Statistical Foundations	3	0	0	3
4	CS304PC	Computer Organization and Architecture	3	0	0	3
5	CS311PC	Python Programming	2	0	0	2
6	SM306MS	Business Economics & Financial Analysis	3	0	0	3
7	CS307PC	Data Structures Lab	0	0	3	1.5
8	CS312PC	Python Programming Lab	0	0	3	1.5
9	*MC309	Gender Sensitization Lab	0	0	2	0
		<b>Total Credits</b>	<b>17</b>	<b>1</b>	<b>8</b>	<b>21</b>

**II YEAR II SEMESTER**

S. No.	Course Code	Course Title	L	T	P	Credits
1	CS416PC	Formal Language and Automata Theory	3	0	0	3
2	CS417PC	Software Engineering	3	0	0	3
3	CS403PC	Operating Systems	3	0	0	3
4	CS404PC	Database Management Systems	3	1	0	4
5	CS412PC	Object Oriented Programming using Java	3	1	0	4
6	CS406PC	Operating Systems Lab	0	0	3	1.5
7	CS407PC	Database Management Systems Lab	0	0	3	1.5
8	CS408PC	Java Programming Lab	0	0	2	1
9	*MC409	Constitution of India	3	0	0	0



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**

**B.Tech. in COMPUTER SCIENCE AND ENGINEERING (DATA SCIENCE)  
II YEAR COURSE STRUCTURE & SYLLABUS (R18)**

**Applicable From 2020-21 Admitted Batch**

**II YEAR I SEMESTER**

S. No.	Course Code	Course Title	L	T	P	Credits
1	CS310PC	Discrete Mathematics	3	0	0	3
2	CS302PC	Data Structures	3	1	0	4
3	MA313BS	Mathematical and Statistical Foundations	3	0	0	3
4	CS304PC	Computer Organization and Architecture	3	0	0	3
5	CS311PC	Python Programming	2	0	0	2
6	SM306MS	Business Economics & Financial Analysis	3	0	0	3
7	CS307PC	Data Structures Lab	0	0	3	1.5
8	CS312PC	Python Programming Lab	0	0	3	1.5
9	*MC309	Gender Sensitization Lab	0	0	2	0
		<b>Total Credits</b>	<b>17</b>	<b>1</b>	<b>8</b>	<b>21</b>

**II YEAR II SEMESTER**

S. No.	Course Code	Course Title	L	T	P	Credits
1	CS416PC	Formal Language and Automata Theory	3	0	0	3
2	CS417PC	Software Engineering	3	0	0	3
3	CS403PC	Operating Systems	3	0	0	3
4	CS404PC	Database Management Systems	3	1	0	4
5	CS412PC	Object Oriented Programming using Java	3	1	0	4
6	CS406PC	Operating Systems Lab	0	0	3	1.5
7	CS407PC	Database Management Systems Lab	0	0	3	1.5
8	CS408PC	Java Programming Lab	0	0	2	1
9	*MC409	Constitution of India	3	0	0	0



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**  
**B.Tech. in COMPUTER ENGINEERING (SOFTWARE ENGINEERING)**  
**COURSE STRUCTURE & SYLLABUS (R18)**

**Applicable From 2020-21 Admitted Batch**

**II YEAR I SEMESTER**

S. No.	Course Code	Course Title	L	T	P	Credits
1	CS301ES	Analog and Digital Electronics	3	0	0	3
2	CS302PC	Data Structures	3	1	0	4
3	MA303BS	Computer Oriented Statistical Methods	3	1	0	4
4	CS304PC	Computer Organization and Architecture	3	0	0	3
5	CS311PC	Python Programming	2	0	0	2
6	CS306ES	Analog and Digital Electronics Lab	0	0	2	1
7	CS307PC	Data Structures Lab	0	0	3	1.5
8	CS308PC	IT Workshop Lab	0	0	3	1.5
9	CS312PC	Python Programming Lab	0	0	2	1
10	*MC309	Gender Sensitization Lab	0	0	2	0
		<b>Total Credits</b>	<b>14</b>	<b>2</b>	<b>12</b>	<b>21</b>

**II YEAR II SEMESTER**

S. No.	Course Code	Course Title	L	T	P	Credits
1	CS401PC	Discrete Mathematics	3	0	0	3
2	SM402MS	Business Economics & Financial Analysis	3	0	0	3
3	CS403PC	Operating Systems	3	0	0	3
4	CS418PC	Principles of Software Engineering	3	1	0	4
5	CS412PC	Object Oriented Programming using Java	3	1	0	4
6	CS406PC	Operating Systems Lab	0	0	3	1.5
7	CS419PC	Software Engineering Lab	0	0	3	1.5
8	CS408PC	Java Programming Lab	0	0	2	1
9	*MC409	Constitution of India	3	0	0	0

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**

**B.Tech. in COMPUTER SCIENCE AND ENGINEERING (CYBER SECURITY)  
II YEAR COURSE STRUCTURE & SYLLABUS (R18)**

**Applicable From 2020-21 Admitted Batch**

**II YEAR I SEMESTER**

S. No.	Course Code	Course Title	L	T	P	Credits
1	CS301ES	Analog and Digital Electronics	3	0	0	3
2	CS302PC	Data Structures	3	1	0	4
3	MA313BS	Mathematical and Statistical Foundations	3	1	0	4
4	CS304PC	Computer Organization and Architecture	3	0	0	3
5	CS311PC	Python Programming	2	0	0	2
6	CS306ES	Analog and Digital Electronics Lab	0	0	2	1
7	CS307PC	Data Structures Lab	0	0	3	1.5
8	CS308PC	IT Workshop Lab	0	0	3	1.5
9	CS312PC	Python Programming Lab	0	0	2	1
10	*MC309	Gender Sensitization Lab	0	0	2	0
		<b>Total Credits</b>	<b>14</b>	<b>2</b>	<b>12</b>	<b>21</b>

**II YEAR II SEMESTER**

S. No.	Course Code	Course Title	L	T	P	Credits
1	CS401PC	Discrete Mathematics	3	0	0	3
2	SM402MS	Business Economics & Financial Analysis	3	0	0	3
3	CS403PC	Operating Systems	3	0	0	3
4	CS414PC	Computer Networks	3	1	0	4
5	CS412PC	Object Oriented Programming using Java	3	1	0	4
6	CS406PC	Operating Systems Lab	0	0	3	1.5
7	CS415PC	Computer Networks Lab	0	0	3	1.5
8	CS408PC	Java Programming Lab	0	0	2	1
9	*MC409	Constitution of India	3	0	0	0