SRK INSTITUTE OF TECHNOLOGYMANDATORY DISCLOSURE (2023-2024)

AICTE File No. : Permanent ID 1-7009622720

Date & Period of last approval : 03-07-2022 for the year 2023-24

1. Name of the Institution

SRK Institute of Technology

Address of the Institution	:	Opposite Pratap Industries, Enikepadu, Vijayawada, Andhra Pradesh,
City & Pin Code	:	Vijayawada-521108
State / UT	:	Andhra Pradesh
Longitude & Latitude	:	80.700488 & 16.517999
Phone Number	:	0866-2843839, 8374956444
Office hours at the Institution	:	08:30AM to 6:00PM
Academic hours at the Institution	:	09:00AM to 05:00PM
Email	:	srktech@gmail.com
Website	:	https://srkit.in/
Nearest Railway Station (distance in Kms)	:	Vijayawada - 16Kms Nearest
Airport (distance in Kms)	:	Gannavaram - 15Kms

Location Map

Type of Institution	:	Private-Self
FinancedCategory (1) of the Institution	:	Non-Minority
Category (2) of the Institution	:	Co-Education

2. Name and Address of the Vice Chancellor / Principal /

DirectorDr. M. Ekambaram Naidu

Exact Designation	:	Principal
Phone number with STD code	:	0866 – 2843839
FAX number with STD	:	0866 - 2843536
E-mail	:	principalsrk@gmail.com
Highest Degree	:	Ph.D
Field of specialization	:	Computer Science

3. Name of the Affiliating University

Jawaharlal Nehru Technological University, Kakinada

Address	:	Kakinada-533003
Website	:	www.jntuk.edu.in
Latest affiliation period	:	Permanently Affiliated

4. Governance

➢ **Governing Body**

A group of intellectuals from industry and academia constitute the Governing Body. The body meets once in a year to discuss various issues and aspects related to the development of the college. Major decisions which include considering and approving the institution strategic plans to achieve the goals ofthe institute are taken up by these members.

The core functions of a Governing Body include:
Setting and monitoring the organization's mission, purpose, direction, priorities, and strategies are within the boundaries of the organizations constitution and legal obligations. It actively involves key stakeholders in setting and monitoring the organization's mission and maintaining positive relationships with them.
The following are executed to fulfill the core functions of a governing body:
- Specifying key outcomes and ensuring the adequate resources (people and finances)
- Appointing and supporting the chief executive, evaluating his/her performance and rewarding or replacing him/her as necessary
- Being accountable to the organizations owners for the stewardship of their assets developing policies that allow the organization to best serve its stakeholders. Remember its managements job to implement those policies
- Ensuring the governing body complies with statutory and contractual requirements and with the governing body's own policies.
- Monitoring the organizations programs and services.
- Regularly scanning the environment in which the organization operates to ensure that what its

attempting to achieve remains relevant and achievable.
- Influencing decisions and finances.
- Reporting, at least annually, to stakeholders.

Setting standards for and evaluating its own governance performance maintaining a governing bodysuccession plan.

Members of the Board and their brief background:

S.No	Name	Representation	Position in Governing Body
1	Sri B.S. Appa Rao	Chairman, SRKIT.	Management.
2	Sri B.S. Sri Krishna	Secretary, SRKIT.	Management.
3	Mr. T. Sekhar	Principal, Polytechnic College, Vijayawada.	Government Nominee.
4	Dr. D. Haritha	Professor, CSE Dept. JNTUK, Kakinada.	University (JNTUK) Nominee.
5	Sri T. Raghava Prasad	MD of KE Works, Vijayawada.	Industrialist.
6	Dr. M Ekambaram Naidu	Principal, Professor, CSE	Academician
7	Dr. T. Satya Narayana	Professor & Head, Civil Engg. Dept. , SRKIT.	Academician
8	Dr. D. Haritha	Professor & Head, CSE Dept., SRKIT.	Academician.
9	Dr. S. Sri Gowri	Professor & Head, ECE Dept., SRKIT.	Academician.
10	Dr. P. Kishore Kumar	Assoc. Prof & Head, Mech Engg Dept., SRKIT.	Academician.

Frequently of the Board Meeting: <u>Once in a Year</u>

➢ **Academic Advisory Body**

Functions:
- To review day to day academic, students, faculty development programs and other related activitiesof the college.
- To visualize and formulate perspective plans, Master Plan for the development and growth of thecollege.
- To formulate and plan for resource mobilization through industry interaction, consultancy and extra-mural funding.
- To promote research and extension activities, teaching innovations and student placement programsin the college campus.
- To plan for sustaining the quality of education, quality improvement and accreditation of the college.
- To recommend schemes to promote participation of academic departments in communitydevelopment activities in the region.
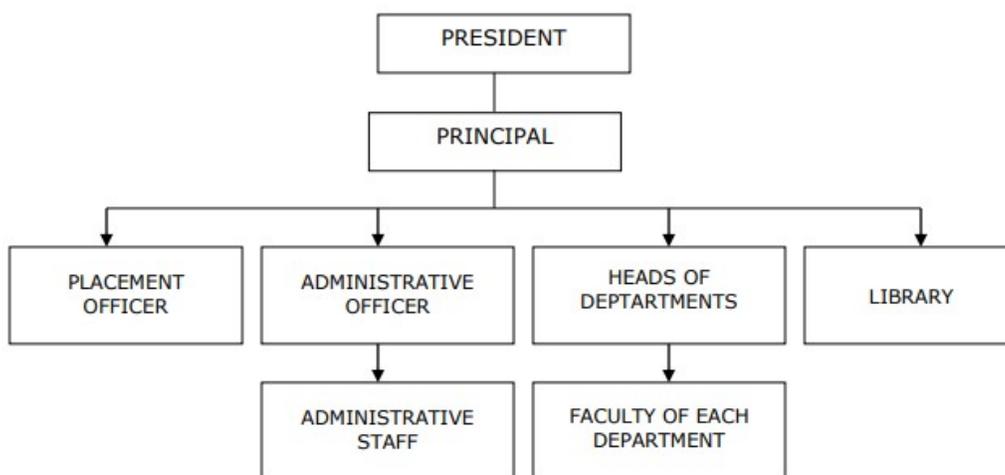- To consider such other activities for furtherance of academic excellence

Committee Members:

S.No	Name	Designation	Position
1	Dr. M Ekambaram Naidu	Principal, Professor, CSE	Chair Person
2	Dr. S Sri Gowri	Professor, ECE	Vice-Chair Person
3	Dr. T. Satyanarayana	Professor, CE	Member
4	Dr. P. Kishore kumar	Professor, ME	Member

5	Dr. B. Ashalatha	Professor, CSE	Member
6	Dr. G. D. K Kishore	Professor, IT	Member
7	Dr.K. Krishna Rao	Professor, S & H	Member
8	Dr. B Krishnaiah	Professor, MBA	Member
9	Ms. M.Anitha	Assistant Professor, MCA	Member
10	Mr. D.V. Subba Rao	Associate Professor, Exam Incharge	Member
11	Mr. A. Siva Nageswara Rao	TPO	Member
12	Mr. B. Pratap	Administrative Officer	Member

Frequently of the Academic Advisory Body Meeting: <u>Twice in a Year</u>

➢ **Organizational Chart and Processes**

Organizational Structure of the Institute

Process:

SRKIT believe in FAMILY KIND of work culture. Basically it aims at love and affection to each and every stake-holder of the institute. In particular, the concept of process owners, which facilitates aperfect decentralization of activities and delegation of authorities, has proven itself to be a key concept in the success of the institute in a very short time. The working methodology basically a student centric, which is the dearest and highly responsible element of the system.

Involvement of each and everyone in the decision-making at their respective levels is ensured through decentralization and delegation of powers. Hence there are various institutional committees consisting offaculty staff members and students. Transparency associated therein also forms an important feature of the work culture. This is done through an institutional service rules book with code of conduct which is easily accessible by any one as the copies are available in the library, with the HODs and the Principal and on college website.

The Principal, Heads of the Departments and various committees participate in decision making which create an organizational democracy. Powers and responsibilities are delegated to faculty on the basis of their competence, commitment and aptitude to meet the institutional objectives. All academic and administrative activities are decentralized and decisions are taken

based on discussion and deliberations in department meetings, monthly faculty meetings and HOD's meeting with Principal and studentfeedback.

> **Nature and Extent of involvement of Faculty and Students in Academic Affairs / ImprovementsStudent's feedback on teaching leaning process for Improvement in teaching Learning**

✓ Objective of collecting feedback on teaching is to ensure that teaching process happens in time and meet the student requirements.

✓ Feedback on teaching from student to be obtained twice during the course running period (semester).

✓ Phase-I Feedback to be obtained online from students to be collected in the 6^{th}week of the class work and phase-II in 13^{th}week of the class work.

✓ On the next day of collecting the feedback, reports to be generated as per the formats available (list with feedback above 70% and list with feedback below 70%) by the respective HOD.

✓ The HOD need to intimate to the respective faculty in the second list whose feedback is less than 70% to submit reasons of less feedback and remedial action to overcome identified difficulties of student.

✓ Respective teacher should understand the feedback with positive sense and voluntarily identify the reason and arrive necessary solution to overcome the situation and copy of action plan to be submitted to respective Head of the Department where the course is being run along with timeline and need to complete the proposed action and to be recorded in course file under remedial classes.

✓ HOD need to ensure the implementation of the remedial plan in the immediate week and maintain the compliance in the proforma existing and send copy to coordinator IQAC.

✓ IQAC auditor will visit the department in the 8th and 15th week of the class work to audit the feedback and implementation of remedial plan and shall submit the report to the principal for further action.

✓ At the end of the semester HOD need to consolidate the feedback teacher wise in the enclosed Performa and copy to be sent to IQAC coordinator.

✓ IQAC coordinator will make necessary arrangements to prepare year wise statements of feedback on teaching and also identify noncompliance issues if any and report to HOD and principal.

Feedback analysis process

✓ The feedback collected from students are analyzed at the level of HOD and then at the Principal.

✓ The feedback is analyzed, and percentages are calculated for every phase, semester, and academic year.

✓ The feedback system works as an eye opener for the faculty. For least feedbacks in phase I and II the corrective measures are given by HOD.

✓ **In Phase I,** Faculty members who got less than 70% of feedback, are asked to submit

Explanation letter for less feedback and suggested to take remedial action to overcome difficulties of student.

- ✓ **In Phase II** also asked to submit Explanation letter for less feedback and suggested to take remedial action for half session.
- ✓ Those who have the Semester wise and Year wise less feedback with bad comments from many students will be asked and suggested to attend Faculty development programs, Workshops, and certification courses by the Principal for their improvement.

Basis of reward/corrective measures:

- ✓ Feedback points are considered in the overall performance of the faculty and for best performers thedepartment will give the "BEST TEACHER" award along with a certificate.

Actions taken:

- ✓ Faculty members, who got less than 70% of feedback, are asked to submit reasons of less feedback and suggested to take remedial action to overcome difficulties of student.
- ✓ HOD will ensure the implementation of the remedial plan in the immediate week and maintain the compliance report and send copy to coordinator IQAC.
- ✓ To improve their performance suggested attending Faculty development programs, Workshops, and certification courses. The suggestions led to improvements in their performance and quality of teaching.

- ➢ **Mechanism / Norms and Procedure for Democratic / Good Governance**

- ☐ Governing Body is the Apex body of the institution. It mainly looks after overall growth of institution.
- ☐ The Principal is the head of the institution and an association between the Management, Staff and Students.
- ☐ The Principal has equitable autonomy to take financial decisions in consultation with the management, related to procurement of lab equipment, funding seminars, workshops, and departmental expenditure. HOD is responsible for the functioning of the respective Department as per the policies of the college.
- ☐ The Administrative Officer looks after the day-to-day administration of the college office and helps the Principal in complying with the regulatory bodies.
- ☐ Every committee shall have a co-coordinator and one faculty member from each department. Coordinator will be the in charge of the committees and its programs. Coordinators of all committees will report to the Principal and members of committees shall report to their respective HODs on the matters that come within the perspective.
- ☐ Decisions pertaining to academic matters are decentralized. Allotment of course work, monitoring of syllabus coverage, planning and organizing seminars, guest lectures,

workshops, industrial tours, staff orientation programs, remedial sessions, Personality development programs, project works are also organized by the faculty as per the requirement and proceedings of the committee and Head of the Departments.

➤ **Student Feedback on Institutional Governance / Faculty Performance**

    a. Students Feedback on Teachers delivery mechanism is taken twice in Semester, once at the beginning of semester i.e at 4th week and the other end semester.

    b. Teacher will make necessary correction in delivery mechanism as required. In case of need, HoD and other senior members in the department may help and support teacher. Still the feedback is not up to the mark in end semester; such faculty will be driven to attend necessary faculty development programs.

➤ **Grievance Redressal mechanism for Faculty, Staff and Students**

    a. Suggestion boxes are provided at various locations in the institution.

    b. Grievance Redressal committee is constituted.

    c. Online and offline modes of giving grievances to HoDs, Head of the Institution are in place.

➤ **Establishment of Anti Ragging Committee**

Anti-Ragging Committee and its Faculty and Student members play a predominant role in maintaining ragging free campus. They regularly educate and counsel students in creating awareness about the consequence of ragging and the acts there on. We are proud to say that they take every step to avoid ragging in the campus which was evident as no single issue has been identified. Which could only possible by the proactive nature in taking the preventive measures timely? Following were the members of the anti-ragging committee.

Mechanism of Anti Ragging Cell

☐ Ragging in all its forms is totally banned in this institution including in the departments, all its premises (academic, residential, sports, canteen etc.,) whether located within the campus or outside.

☐ Anti Ragging Committee consists of coordinator, senior faculty, headed by the Principal.

☐ Committee has allotted duties to all the staff members at almost all areas in and around the college i.e. canteen, parking places, local area bus stop, satyakala power station etc. and ensure that the faculty members will be present at particular timings (morning & evening)in all the locations to avoid ragging activities.

☐ The Institution follows the policy of zero tolerance to ragging.

☐ If found guilty, first warn, and in subsequent incidents take strong actions like punishments andfines.

☐ To keep vigilance/ check regularly to stop/ prevent/ avoid ragging among students.

- Wide canvassing about anti-ragging, is being done in the forms of Flexes, Posters and Boards incollege premises, surrounding areas and hostel where there is a chance of ragging.
- Orientation programme for freshers regarding Anti-Ragging measures.
- Awareness programs about Anti Ragging are being conducted by the Committee to the students &faculty.
- Frequent and surprise raid by Anti-Ragging members at college and hostel premises.
- Any student who is a victim of ragging may lodge a complaint with the college authorities or thecommittee members. All information will be Confidential.

Committee Members:

S.No	Name of Faculty	Designation	Position
1	Dr. M. Ekambaram Naidu	Principal, Professor, CSE	Chair Person
2	Dr. K.Krishna Rao	Professor, S & H	Vice - Chair Person
3	Dr. S. Sri Gowri	Professor, ECE	Member
4	Dr. B.Ashalatha	Professor, CSE	Member
5	Dr. P. Kishore Kumar	Professor, ME	Member
6	Dr. T. T.Satyanarayana	Professor, CE	Member
7	Dr. G D K Kishore	Professor, IT	Member
8	Dr. B .Krishnaiah	Associate Professor, MBA	Member
9	Mr.S.Nageswara Rao	TPO	Member
10	Mr. B. Pratap	Administrative Officer	Member

➢ **Establishment of Online Grievance Rederessal Mechanism**

Mechanism for Complaint and Redressal of Grievances: Institution has developed online system for complaint and Redressal of Grievances. Link to access the online facility is available on the first page of the college website http://www.srkit.in under the hyper link "Online Grievance Cell". Any stake holder can access the web page and lodge his grievances either in anonymous mode or in an identity mode as he wish as per the menu available by choosing appropriate committee. After submission of complaint by the stake holder the same will be available in the coordinators login for review and redressal. Procedure being followed by the coordinator for redressal and record of the received complaint/suggestion.

- A student/staff/faculty with a grievance can submit their grievance to one of the committee members orally / in written / in drop boxes available at principal office and at Grievance cell coordinator roomor online.
- The committee member will forward it to the Grievance cell coordinator.
- Based on root cause of the issue, the genuinely of the grievance will be known before proceeding further in solving the grievance.
- Coordinator reviews the complaint received and constitute a committee for redressal of the complaint/suggestion.
- Coordinator intimates all the committee members regarding the meeting schedule and conducts the meeting.

- Coordinator may also invite the stake holder as required / if the members of the committee demands case by case.

- Committee discuss the complaint thoroughly and plans action for redressal of the complaint and forward the recommendation to the principal for execution.

- Principal takes necessary steps for execution of the recommendations extended by the grievance redressal committee in case the action lies in his purview, incase if the action in out of his purviewhe may present in the governing body meeting for approval and then put it for execution.

- Coordinator then concludes the issue and forward the compliance to the respective stake holder.

- Coordinator also maintains the record of the events and minutes for all the complaints and makes monthly reports.

Functionality:
1. To solve students grievances which may relate to Assessment/ Victimization/ Attendance/ Chargingof fees/Harassment by colleague students or by teachers etc.

2. To solve faculty related issues arising from their employment/ un-disciplinary action among staffmembers/termination/allegations.

3. To respond within specified timeframe.

4. To monitor status and progress of Grievance-Redressal and shall furnish report on Grievance-Redressal position to the Principal.

S.No	Name	Designation	Position
1	Dr. M. Ekambaram Naidu	Principal, Professor, CSE	Coordinator
2	Dr. P.Kishore Kumar	Professor, ME	Member
3	Dr. T. Satyanarayana	Professor, CE	Member
4	Dr. K.Krishna Rao	Professor, S & H	Member
5	Dr. G D K Kishore	Professor, IT	Member
6	Mr. B. Pratap	Administrative Officer	Member
7	Ms. T Sowjanya	Professor & HOD, IT	Member

Grievance Redressal Committee for Academic Year: 2022-23

- **Establishment of Grievance Redressal Committee in the Institution and Appointment ofOMBUDSMAN by the University**

Act, 1987 (52 of 1987) AICTE / Jawaharlal Nehru Technological University (Lr.No. JNTUK/DAP/Grievance Cell/2010, Dated 19-10-2009). All grievances relating to the Institute shallbe addressed by GRC.

➢ **Establishment of Internal Complaint Committee (ICC)**

Functions:

- Committee will take all necessary steps to assist the affected person in terms of support andpreventive action.

- Committee shall comply with the procedure prescribed in the aforementioned UGC Regulations2015 and the Sexual Harassment Act for inquiring into the compliant in a time bound manner.

- If the allegations against the respondent have been proved, it shall recommend punitive actions tobe taken against the respondent to the management.

Committee Members:

S.No	Name	Designation	Position
1	Dr.T.V.Nagalakshmi	Associate Professor, BS&H	Coordinator
2	Ms. D. Sailaja	Assistant Professor, CSE	Member
3	Ms Ch J Gayatri	Assistant Professor, ECE	Member
4	Ms. Amritha Mishra	Assistant Professor, IT	Member
5	Ms. Y Durga Bhavani	Assistant Professor, ME	Member
6	Ms.G.K.Deepthi	Assistant Professor, S &H	Member
7	Mr. V.Srinivas	Assistant Professor, MBA	Member

➢ **Establishment of Committee for Government Scholarships**

Functions:

- Committee often meets the students and faculties belong to SC/ST communities, to understand theirproblem and take necessary action and/or render them necessary advice/help to resolve the matter.

- Creating awareness among the SC/ST students regarding the various Government and Non-Government scholarship schemes.

- Counseling the students to help them overcome inferiority complex related to interaction with fellowstudents and personal grooming, etc.

Committee Members:

S.No	Name	Designation	Position
1	Dr. M. Ekambaram Naidu	Assistant Professor, CE	Chair Person
2	Mr. A. Stanly Kumar	Assistant Professor, ME	Vice - Chair Person
3	Mr. B. Pratap	Administrative Officer	Member
4	Ms. E. Usha Sree	Assistant Professor, CE	Member
5	Dr. B. Vanajakshi	Assistant Professor, ECE	Member
6	Ms.T.Prasanna	Assistant Professor, S&H	Member
7	Ms. R.Lakshmi	Assistant Professor, CSE	Member
8	Mr B Chinni	Assistant Professor, MBA	Member

➢ **Internal Quality**

Assurance CellFunctions:

- Development and application of quality benchmarks/parameters for the various academic and administrativeactivities of the institution.

- The IQAC of the College is involved in drawing the quality policies for Teaching Learning, Research, Organization of inter and intra institutional workshops, seminars on quality related themes and promotion ofquality.

- Arrangement for feedback response from students, parents and other stakeholders on quality-related institutionprocesses.

- IQAC ensures the proper implementation of academic calendar.

- Development of Quality Culture in the institution.

- The IQAC engages itself with various bodies/units in the College to finalize the Perspective Plan and also drawthe implementation strategies.

- The IQAC monitors the well-being of the college in all respects.

Roles and Responsibilities of the Committee Members:

A) **Coordinator**
- To coordinate in designing and maintaining quality assurance within academic systems.
- To coordinate in preparation of the Annual Quality Assurance Report (AQAR) to be submitted on the quality parameters.
- To coordinate the quality-related activities of the institution

B) **Faculty member**
- Maintain a high sense of dedication towards duties and responsibilities assigned timely in thepursuit of Quality.
- To check Attendance registers and daily teaching diaries for maintaining quality assurancewithin academic systems.
- Counsel the students, identify their difficulties in learning and guide them to improve theirperformance.
- Identify the bright students and motivate them towards better performance and kindle their R& D pursuits.

C) **Student member**
- To coordinate timely and efficient execution of the decisions of IQAC committee.
- To motivate the students to obey the rules and regulations of the institution with very highorder of integrity and character.
- To motivate the students to involve in R & D activities

Committee Members:

S.No	Name	Designation	Position Held
1	Dr. M. Ekambaram Naidu	Professor & Principal, CSE	Chairperson
2	Dr. S.Sri Gowri	Professor, ECE	Vice - Chairperson
3	Ms.A.Krishna Priya	Assistant Professor, CE	Member

4	Ms. T. V. Maha Lakshmi	Assistant .Professor, EEE	Member
5	Ms.A.V.P.Sarvari	Assistant .Professor, ECE	Member
6	Dr. B Asha Latha	Associate Professor & HOD, CSE	Member
7	Ms. G. Sri Lakshmi	Assistant Professor, IT	Member
8	Mr. P. Tarun Naga Venkatesh	Assistant Professor, ME	Member
9	Ms. T. Prasanna	Assistant Professor, S & H	Member
10	Mr. B.V.S.Subba Rao	Assistant Professor, MBA	Member
11	Ms. M. Anitha	Assistant Professor & HOD, MCA	Member

6. Programmes

➢ **Name of Programmes Approved by**

AICTE Under Graduate

Programmes
- Civil Engineering
- Electrical & Electronics Engineering
- Mechanical Engineering
- Electronics & Communication Engineering
- Computer Science & Engineering
- Information Technology
- Computer Science & Engineering (Articial Intelligence & Machine Learning)
- Computer Science & Engineering (Data Science)

Post Graduate Programmes
- Computer Science & Engineering
- VLSI
- Master of Business Administration
- Master of Computer Applications

➢ **Status of Accreditation of the Courses**

❖ Total number of Courses: 08
❖ Number of Courses for which applied for Accreditation: 08
❖ Status of Accreditation:
- Civil Engineering   -   Approved for 5 years
- Electrical & Electronics Engineering   -   Approved for 5 years
- Mechanical Engineering   -   Approved for 5 years
- Electronics & Communication Engineering -   Approved for 5 years
- Computer Science & Engineering   -   Approved for 5 years

➢ **Details of Programmes Offered by the College for Current Academic Year: 2023-2024**

Programme Level	Name of Programme/Course	Duration in Months	Entry Qualification	Medium of Instruction	Sanctioned Intake	No of Students Admitted
UG	B.Tech - Civil Engineering	48	Intermediate or Diploma	English	30	
UG	B.Tech - Electrical & Electronics Engineering	48	Intermediate or Diploma	English	60	
UG	B.Tech - Mechanical Engineering	48	Intermediate or Diploma	English	30	
UG	B.Tech - Electronics & Communication Engineering	48	Intermediate or Diploma	English	120	
UG	B.Tech - Computer Science & Engineering	48	Intermediate or Diploma	English	120	
UG	B.Tech - Information Technology	48	Intermediate or Diploma	English	60	
UG	B.Tech - Computer Science & Engineering (Artificial Intelligence & Machine Learning)	48	Intermediate or Diploma	English	120	
UG	B.Tech - Computer Science & Engineering (Data Science)	48	Intermediate or Diploma	English	60	
PG	M.Tech - VLSI	24	B.Tech	English	09	
PG	M.Tech - Computer Science & Engineering	24	B.Tech	English	12	
PG	MCA- Master of Computer Applications	24	UG	English	60	
PG	MBA- Master of Business Administration	24	UG	English	60	

➢ **Department Profile**

❖ **Name of the Department** : **Civil Engineering**

Course : B.Tech
Level : UG
1styear of approval by the Council : 2009
Current Intake : 120

	2022-23	2021-22	2020-21
Year wise sanctioned intake	60	60	60
Year wise actual admissions	11	36	33
Cutoff marks-General Quota	50%	50 %	50%
%of Students Graduated	82.35 %	83.67 %	80 %
Students Placed	6	38	29
Average pay package Rs./year	2.4 Lakhs	3.0 Lakhs	3.0 Lakhs
Students opted for Higher Studies	5	6	0

Accreditation Status of the course : Accredited by NAAC

if any   :   Dronix Ltd-Israel & T

Professional Society Memberships   :   IETE Students chapter, IEEE Students chapter,

IETE, ISSE, ISTE & IE Staff

	2022-23	2021-22	2020-21
Professional activities	6	1	2
Consultancy activities	Rs.5,18000	Rs.4,71,350	Rs.6,30350
Grants Fetched	–	–	---

Departmental Achievements:
Faculty Achievements:

1. Akhia Paleru & Chebrolu Rajesh An Exploratory study on Strength Characteristics of Flexible Concrete using slab and Microfibers. Volume 7 ISSE 08 Aug 2020

2. GSV Gopikrishna & Ch.Rajesh An Experimental study on Effect of Ceramic Water powder in Self-Compacting concrete properties IRJET Volume 08 Issue 3 Mar 2021

3. B.Charan Kumar Reddy & Ch. Rajesh An Experimental study on Fiber Reinforced concrete with varying percentages of Cement replacement with fly ash volume 12 Issue 03-09-2021

4. **A.Krishna Priya** "Experimental study on strength properties of concrete with partial replacement of cement with rice husk ash" ISBN 9788192705101 05,06[th] Feb-2021

5. **A.Krishna Priya** A study on Mechanical Properties of Concrete by partial replacement with Hospital Waste Ash-A review ISSN 2277-4106 Special ISSUE 9 Aug 2021

6. **A.Krishna Priya** A study on Mechanical Properties of Concrete by partial replacement with Hospital Waste Ash-A review (Book of Abstracts-Conference) 16, 17th Dec 2021

7. **A.Krishna Priya** A study on Mechanical Properties of Concrete by partial replacement of cement with Hospital Waste Ash-A review 15, 17th Dec 2022(Conference)

8 **A,Krishna Priya** Completed NPTEL Online Certification on Concrete Technology(NPTEL23CE50S34913899)

Faculty Development Programs

1.Dr. T.Satyanarayana has participated in one day faculty workshop OUTCOME BASED EDUCATION organized by the internal Quality Assurance Cell, SRK Institute of Technology, Enikepadu. Vijayawada 08-10-2022

2. B.Sai Kumar Reddy has participated in one day FDP Program on Research Management organized by the department of Science and Humanities on 04-03-2023.

3. Ch. Rajesh has participated in one day FDP Program on Research Management organized by the department of Science and Humanities on 04-03-2023.

4. K.Kiran has participated in one day FDP Program on Research Management organized by the department of Science and Humanities on 04-03-2023.

5. Dr. T.Satyanarayana has participated in one day FDP Program on Research Management organized by the department of Science and Humanities on 04-03-2023.

6. G.Sahithi her participated in one day FDP Program on Research Management organized by the department of Science and Humanities on 04-03-2023.

7. A.Krishna Priya her participated in one day FDP Program on Research Management organized by the department

of Science and Humanities on 04-03-2023.

8. E.Usha Sree her participated in one day FDP Program on Research Management organized by the department of Science and Humanities on 04-03-2023.

9. Ch. Rajesh has participated in in the 5 day FDP Program on Sustainable Construction Techniques (SCT 23) jointly organized by Col. Dr. Jeppiaar Research Park, Centre for Ocean Research & Department of Civil Engineering, Sathyabama Institute of Science and Technology, Chennai, Tamilnadu, During 27th to 31st March 2023.

10. Ch. Rajesh has participated in webnar on Sustainable Construction for Disaster Mitigation Origanized by the ISET Guntur Chapter in Association with IGS-VRSEC Guntur chapter on 23 & 24 March 2023.

11.Ch. Rajesh has participated two day FDP on New Trends and Innovations in Civil Engineering held from 20-06-2023 to 21-06-2023 at Sri Balaji College of Engineering & Technology Jaipur.

12.Ch. Rajesh has participated in one day faculty workshop OUTCOME BASED EDUCATION organized by the internal Quality Assurance Cell, SRK Institute of Technology, Enikepadu. Vijayawada 08-10-2022

Student Achievements

1. N.Pavan kumar 20X45A0105 has participated in CHESS Competition and Secured Runner place during the college annual games & Sports meet for the academic year 2022-23.

2. Md Saleha 20X45A0107 has participated in Tenni Koit Competition and Secured Winner place during the college annual games & Sports meet for the academic year 2022-23.

3. V.Prasad 20X45A0104 has participated in Tenni Koit Competition and Secured Winner place during the college annual games & Sports meet for the academic year 2022-23.

4. R.Sudeepa 20X45A0109 has participated in Shotput Competition and Secured First place during the college annual games & Sports meet for the academic year 2022-23.

5. S.Subashini 20X41A0102 her participated in Discus Throw Competition and Secured First place during the college annual games & Sports meet for the academic year 2022-23. the college annual games & Sports meet for the academic year 2022-23.

6. S.Kavya 20X45A0102 her participated in Chess Competition and Secured First place during the college annual games & Sports meet for the academic year 2022-23.

7. S.Kavya 20X45A0102 her participated in Rope Skipping Competition and Secured Second place during the college annual games & Sports meet for the academic year 2022-23

8. K.Harika 20X45A0101 her participated in Badminton competition and secured Runner place during the college annual games & sports Meet for the Academic year 2022-23

9. S.Kavya 20X45A0102 her participated in Badminton competition and secured Runner place during the college annual games & sports Meet for the Academic year 2022-23

10. S.Subhasini 19X41A0102 has participated in Tennikoti competition and secured Winner place during the college annual games & sports Meet for the Academic year 2022-23

11. S.Kavya 20X45A0102 has participated in Tennikoti competition and secured Winner place during the college annual games & sports Meet for the Academic year 2022-23

12. Md. Saleha IV B.Tech Civil has participated in Ball Badminton competition and secured Runner place during the JNTUK Central Zone Inter-College Tournament held at SR GEC Gudlavalleru on 28th & 29th March during academic year 2022-23

13. Md. Saleha 20X45A0107 has participated in Ball Badminton Competition and Secured Runner place during the college annual games & Sports meet for the academic year 2022-23

14. S.Kavya IV B.Tech Civil her participated in Tennikoti Competition and Secured Winner place during the Kreedotsav one day National Level Games Meet for Girls organized by Department of Science and Humanities, Vijaya Institute of Technology for Women on 28th August 2022

15. S.Kavya 20X45A0102 has participated in Tennikoti competition and secured Winner place during the college annual games & sports Meet for the Academic year 2022-23

16. B.Srinadh 20X45A0129 has participated in Cricket Men event conducted by Hindu & Shakshi Tournament during the Academic year 2022-23

17. D.Sandeep 20X45A0105 has participated in Cricket Men event conducted by Hindu & Shakshi Tournament during the Academic year 2022-23

18. U.Baswanth 20X45A0127 has participated in Cricket Men event conducted by Hindu & Shakshi Tournament during the Academic year 2022-23

19. P.Vamsi 21X45A0119 has participated in Cricket Men event conducted by Hindu & Shakshi Tournament during the Academic year 2022-23

➢ **Department Profile**

❖   **Name of the Department   :   Electronics and Communication Engineering**

Course	:	B.Tech
Level	:	UG
1st year of approval by the Council	:	2009
Current Intake	:	120

	2022-23	2021-22	2020-21
Year wise sanctioned intake	120	120	120
Year wise actual admissions	120	120	120
Cutoff marks-General Quota	50%	50%	50%
% of Students Graduated	39	95.38	100
Students Placed	63	101	103
Average pay package Rs./year	5 Lakhs	5 Lakhs	5 Lakhs
Students opted for Higher Studies	10	7	6

Accreditation Status of the course	:	Accredited by NAAC
Collaborations, if any	:	NAAC
Professional Society Memberships	:	IETE Student Forum (ISF)

Departmental Achievements:

2022-23

MOUs

➢ Conducted Two Day work shop on Essentials of FPGA with Hardware Debugging using Verilog from 17-4-2023 to 28-4-2023 in collaboration with Cranes Varsity.

Total number of Trained Students: 63

➢ Conducted Two Day work shop on Essentials of FPGA with Hardware Debugging using Verilog from 19-4-2023 to 20-4-2023 in collaboration with Cranes Varsity.

Total number of Trained Students: 62

➢ Conducted Faculty Training Program on Palo Alto Cyber security Academy PCNSA Educator Training Program from 09-1-2023 to 30-1-2023 in collaboration with Eduskills

Total number of Trained Faculty: 01

➢ Conducted "Five week Internship on "Internet of Things" from 03-10-2022 to 11-11-2022 in collaboration with SRC e solutions, Vijayawada.

Total number of Trained Students: 64

➢ Conducted Certification Program on Raspberry Pi pico Programming and Interfacing from 14-11-2022 to 19-11-2022 in collaboration with SRC e solutions, Vijayawada

Total number of Trained Students: 99

➢ Conducted Two Day workshop on PCB Design from 28-04-2023 to 29-04-2023 in collaboration with M/S Microlink Perpheral Controls (P) Ltd, Vijayawada

Total number of Trained Students: 98

➢ Conducted   One Week workshop on "PCB Design" from 26-09-2022 to 01-10-2022 in collaboration with M/S Microlink Perpheral Controls (P) Ltd, Vijayawada (II ECE)

Total number of Trained Students: 112

➢ Conducted   One Week workshop on "PCB Design" from 26-09-2022 to 01-10-2022 in collaboration with M/S Microlink Perpheral Controls (P) Ltd, Vijayawada(IV ECE)

Total number of Trained Students: 34

➢ Conducted Ten week AICTE Cohert-4 Virtual Internship on wide area of subjects from December 2022 to February 2023 in collaboration with Eduskills

Total number of Trained Students: 57

➢ Conducted Online Certification on Cyber Security from 05-5-2023 to 30-6-2023 in collaboration with Eduskills

Total number of Trained Students: 21

➢ Conducted   Online Certification on AWS cloud Foundation from 12-9-2022 to 17-9-2022 in collaboration with Eduskills

Total number of Trained Students: 43

➢ Conducted Certification Program on AWS Data analytics from 21-11-2022 to 25-11-2022 in collaboration with Eduskills

Total number of Trained Students: 09

➢ Conducted three months International Internship program on Applied Robot Control- advanced certification on engineering technologies from August 2022 to October 2022 in collaboration with

APSSDC-ECM- convergence Training center

 Total number of Trained Students: 60

➢ Conducted One week FDP on Advanced Technologies on FPGA Architectures from 26-9-2022 to 01-10-2022 in collaboration with Apply Volt

 Total number of Trained Faculty: 20

➢ Conducted Two Week Internship Program on Voice for Girls from 22-10-2022 to 05-11-2022 in collaboration with AP Social Welfare Residential Education Institutions Society.

 Total number of Trained Students: 13

Certificate Programs for Students:

2022-23:

➢ Conducted certificate program on Microsoft Azure Fundamentals from 10-10-2022 to 15-10-2022 in collaboration with Microsoft

 Total number of Certified Students: 37

➢ Conducted certificate program on Python Fundamentals for Beginners from 26-12-2022 to 31-12-2022 in collaboration with Great Learning

 Total number of Certified Students: 75

➢ Conducted certificate program on Infosys Spring Board from 2-1-2023 to 7-1-2023 in collaboration with Infosys

 Total number of Certified Students: 82

➢ Conducted certificate program on Blue Prism Associate Developer from 9-1-2023 to 12-1-2023 in collaboration with Eduskills

 Total number of Certified Students: 15

Faculty Paper Publications:

 2022-23

➢ Vishnu Priya Thotakura, A novel hybrid feature extraction and ensemble C3D classification for anomaly detection in surveillance videos, Journal of Scientific and Industrial Research (SCI), June - 2023.

Faculty attended FDPs and Workshops:

2022-23

➢ Dr.Vishnu priya Thotakura attended faculty development Program on National Level Seminar on NEP 2020-Transformative Initiatives from the center and states Implications for Institutions on 3/1/23 organized by Bharat college of Arts and Commerce, Badlapur, Maharashtra

➢ Dr. DSP Kishore Thotakura attended faculty development Program on Embedded System for AI and Robotics from 5/1/23 to 11/1/23 organized by VIT-AP University, Guntur.

- K.Vamsi Anu Swetha attended faculty development Program on FPGA Implementation of Digital Circuits using XILINX Vivado from 1/7/22 to 5/7/22 organized by Tirumala Engineering College, Jonnalagadda, Narasaraopeta.
- K.Vamsi Anu Swetha attended faculty development Program on FPGA Implementation of Digital Circuits using XILINX Vivado from 1/7/22 to 5/7/22 organized by Tirumala Engineering College, Jonnalagadda, Narasaraopeta.
- T.Vishnu Priya Thotakura attended faculty development Program on FPGA Implementation of Digital Circuits using XILINX Vivado from 1/7/22 to 5/7/22 organized by Tirumala Engineering College, Jonnalagadda, Narasaraopeta
- A.V.P Sarvari attended faculty development Program on Microsoft power BI Data Analyst Associate from 25/7/22 to 29/7/22 organized by ICTA Academy
- T.Vishnu Priya Thotakura attended faculty development Program on Amazon Web Series from 22/8/22 to 27/8/22 organized by AISSMS Institute of information Technology, Pune, Maharashtra
- V.Sri Lakshmi attended faculty development Program on Applied Robotic control Faculty Development Program from 24/8/22 to 26/8/22 organized by Indo-Euro Synchronization
- Dr. Vishnu Priya Thotakura attended faculty development Program on Signal Processing using Machine Learning: Applications & Hands-on from 31/8/22 to 6/9/22 organized by VIT-AP University, Guntur.
- V.Sri Lakshmi attended faculty development Program on Signal Processing using Machine Learning: Applications & Hands-on from 31/8/22 to 6/9/22 organized by VIT-AP University, Guntur.
- K.Vamsi Anu Swetha attended faculty development Program on Inculcating Universal Human Values in Technical Education from 31/10/22 to 4/11/22 organized by ALL India Council for Technical Education
- Dr. S. Sri Gowri attended faculty development Program on National Institutional Ranking Frame Work on 12/11/22 organized by Vignan University
- Dr. Vishnu Priya Thotakura attended faculty development Program on NBA Accreditation from 9/11/22 to 11/11/22 organized by National Institute of Technical Teachers Training and Research
- Dr. S. Sri Gowri attended faculty development Program on NBA Accreditation from 9/11/22 to 11/11/22 organized by National Institute of Technical Teachers Training and Research
- A.V.P Sarvari attended faculty development Program on Agni- Energy Security for Atmanirbar Bharat on 19/12/22 organized by School of Planning and Architecture
- Dr. S. Sri Gowri attended faculty development Program on NEP 2020: A Frame Work for the Transformational Reforms of Higher Education from 8/3/23 to 10/3/23 organized by PES Institute of Technology and Management, Shivamogga, Karnataka

- A.V.P Sarvari attended faculty development Program on Medical Applications using Machine and Deep Learning Techniques from 2/1/23 to 11/1/23 organized by NIT- Warangal

- V.Sri Lakshmi attended faculty development Program on Medical Applications using Machine and Deep Learning Techniques from 2/1/23 to 11/1/23 organized by NIT- Warangal
- All faculty members of ECE are attended faculty development Program on Research Management on 04-03-2023 organized by SRK Institute of Technology
- All faculty members of ECE are attended faculty development Program on outcome based Education on 8/10/2022 organized by SRK Institute of Technology
- All faculty members of ECE are attended faculty development Program on advanced technologies on FPGA architecture from 26/9/22 to 1/10/22 organized by SRK Institute of Technology

Faculty Achievements:

2022-23

- Dr. D. Ravi Tej, obtained Ph. D Degree from KL University, Vaddeswaram, Guntur, Andhra Pradesh.
- Dr. T. Vishnu Priya obtained Ph. D Degree from VIT University, Guntur, Andhra Pradesh.

Books and Book Chapters

- **Dr. T. Vishnu Priya**, Assistant Professor wrote a book titled Digital Image Processing and its Applications, AGPH, 2023 with ISBN No: 978-93-95936-71-2.

- **Department Profile**

- **Name of the Department** : **Computer Science and Engineering**

Course : B.Tech
Level : UG
1styear of approval by the Council : 2009
Current Intake : 120

	2022-23	2021-22	2020-21
Year wise sanctioned intake	120	120	120
Year wise actual admissions	120	120	120
Cutoff marks-General Quota	50%	50%	50%
%of Students Graduated			
Students Placed	63	109	96
Average pay package Rs./year	6 Lakhs	5 Lakhs	8.5 Lakhs
Students opted for Higher Studies	2	2	5

Accreditation Status of the course : Accredited by NAAC
Professional Society Memberships : CSE Association, CSI chapter,

Departmental Achievements:

<u>**2022-23**</u>
MOUs

- Conducted Certificate programs in collaboration with **Cisco Net Academy.**
- Conducted add on programs in collaboration with **APSSDC.**
- **NPTEL** Local chapter, SRKIT took initiative towards NPTEL certification in courses like DBMS,ML,IOT,Programming in C,C++ and DS by faculty members and students.

Workshops

- **Programming Essentials in Python** Certificate program conducted for III-CSE from 07-09-2022- TO 06-12-2022 in collaboration with CISCO NET Academy, with Dr.A.Radhika as instructor. Total trained students: 9.
- **Programming Essentials in Python** Certificate program conducted for II-CSE from 01-10-2022 to 15-12-2022 in collaboration with CISCO NET Academy, with Dr.A.Radhika as instructor. Total trained students: 72.
- **Introduction to Cyber Security** Certificate program conducted for III-CSE from 07-09-2022 TO 06-12-2022 in collaboration with CISCO NET Academy. Total trained students: 10.
- **MICROSOFT TECHNICAL ASSOCIATE-**Microsoft certification program offered by JNTU Kakinada in collaboration with Microsoft. This certification program was enrolled by III-CSE .This Program was conducted from 05-09-2022 to 27-10-2022. Total trained students: 82.
- **MICROSOFT CERTIFIED PROFESSIONAL ASSOCIATE-**Microsoft certification program offered by JNTU Kakinada in collaboration with Microsoft. This certification program was enrolled by III-CSE& II-CSE. Total trained students: 175.

- A Five Day Workshop on "**Advancing Learning Skills in Python Concepts in Machine Learning and Data Science**" is conducted from 01-06-2022 to 05-06-2022. The resource person is Dr.C.Nagaraju, Associate Professor, Yogivemana University.
- A One Day Seminar on "**A Guidance program on carrier opportunities after B.Tech**" in association with ACE engineering academy on 27-08-2022. The resource person for this event is Mr.M.Ramesh senior faculty member ACE.
- A Guest Lecture on "**OVERSEAS GUIDENCE OF CARRIER GUIDENCE**" for IV-CSE students on 24-09-2022. The Speakers for this program is Ch.Sai RamKumar, Chandra shekar, sagar.
- A Five day workshop on **"IOT with Cloud"** for II-CSE Students organized by SYTIQHUB, Vijayawada. The resource person for this event is L.Gopal reddy, Director, SYTIQHUB.

➤ A One day Seminar is conducted for providing awareness on "**HER VOICE PROGRAM**" for all II, III, and IV-CSE girl students on 12-10-2022. The speaker for this program is Oliver, HR manager, voice 4 girls.

➤ A Five day workshop on "**NATURAL LANGUAGE PROCESSING**" is conducted for II-CSE students is conducted from 17-04-2023 to 21-04-2023. The resource person for this program is jithesh kurian, trainer, cranesversity.

Faculty Paper Publications:

2022-23

➤ Dr.M.Ekambaram Naidu, Associate Professor, **"**An Optimized Soft Computing-Based Approach For Multimedia Data Mining" in International Journal of Business intelligence and data mining (IJIDM)

➤ Dr.D.Anusha, Associate Professor, **"**Cyber Attack Detection Networks In Machine Learning algorithm**"**in dogo rang sang research Journal With ISSN No: 0972-2555.

➤ Dr.D.Anusha, Associate Professor, **"**Cardio Vascular Disease and Relief and Lasso Feature Selection Techniques Using ML**"** in **international engineering Journal** with ISSN No: 0972-2555.

➤ Dr.B.AshaLatha, Associate Professor, **"**Schemes to Detect Data Poison under Distributed environment**"** in International engineering Journal with ISSN No: 0972-2555.

➤ Dr.B.AshaLatha, **Associate Professor**, **"**Image Segmentation Based on Tint Using Data Mining techniques**"** in journal of theoretical and applied information technology with ISSN No: 1992-8645.

➤ Dr.B.AshaLatha , Associate Professor "Effective Fine Grained Weather Forecasting Model Using Machine Learning in" International engineering Journal with ISSN No: 0972-2555**.**

➤ Dr.B.AshaLatha, Associate Professor, "Using Machine Learning And Fake Image Preprocessing" in Industrial Engineering Journal with ISSN No: 0972-2555.

➤ **D.Nalini Kumari, Assistant**. Professor**, "A** Novel Approach for Leaf Detection Disease Using CNN**"** in International engineering Journal with ISSN No: 0972-2555.

➤ Dr.A.Radhika, Associate Professor, "A Survey on Diabetic Retinopathy Detection Using Deep Learning Techniques" in journal engineering technologies and innovative research with ISSN No: 2349-5143.

➤ Dr.A.Radhika, Associate Professor, "Bit Coin Market Price Prediction Using Neural Networks" in International journal of novel and research development with ISSN No: 2456-4184.

➤ Dr.A.Radhika, Associate Professor, "Class Wise Facial Attendance System" in International journal for Research Trends and innovation with ISSN No: 2456-3315.

➤ Dr.A.Radhika, Associate Professor, "CI/CD Pipeline Using Jenkins to implement Quality Gates for Static Code Analysis, Static Unit Testing, quality gates for code coverage" in International journal **of**

innovative engineering and management in research technology with ISSN No:2349-6002.

➢ Dr.A.Radhika, Associate Professor, "a novel MLP technique on argument dataset for heart attack prediction" in International journal of food and nutritional sciences with ISSN No: 2320-7876.

➢ Dr.K.Chaitanya, Associate Professor, "Criminal investigation and suspect detection" industrial engineering Journal with ISSN No: 0972-2555.

➢ Mr.Ch.Ambedkar, Assistant Professor, "Light Weight intrusion Detection System for IOT Based Machine learning" in international journal of novel Research and technology with ISSN No:2456-4184.

➢ Mr.Ch.Ambedkar, Assistant Professor, "automating e government using artificial intelligence" in industrial Engineering journal with ISSN No: 0972-2555.

➢ Dr.K.Chaitanya, Associate Professor,"Effective Mock Interview Using AI&ML" in industrial Engineering journal with ISSN No: 0972-2555.

➢ Ms.Ch.Pavani, Assistant Professor,"Real Time Hand Gesture Recognition" in industrial Engineering journal with ISSN No: 0972-2555.

➢ Ms.Ch.Pavani Asst.Professor,"Wish the Product Price Comparison Website" in RB Journal of lib &information science with ISSN No: 0972-2550.

Faculty attended FDPs and Workshops:

2022-23

➢ Ch.Pavani, Assistant professor has participated in a Five day faculty development program on "Sales force platform developer 1 conducted by ICT academy on 05-06-2023 to 09-06-2023 at velagapudi Ramakrishna Siddhartha engineering college, Vijayawada.

➢ Dr.K.Chaithanya, Associate Professor has participated in a Five day faculty development program on Sales force platform developer 1 conducted by ICT academy on 05-06-2023 to 09-06-2023 at velagapudi Ramakrishna Siddhartha engineering college, Vijayawada.

➢ Ch.Pavani, Assistant professor has participated in a Five day faculty development program on "Ethical Hacking" Organized by the Blackbucks and KKR&KSR Institute of technology from 27-02-23 to 03-03-2023.

➢ Ch.Pavani, Assistant professor has participated in Online Short-term Corse on "advance python program in programming" conducted by department of CSE,NIT Warangal in association with CCE,NIT Warangal from 27-01-2023 to 31-01-2023.

➢ K.Jayaram, Assistant professor has participated in an online faculty development program on "**MEDICAL APPLICATIONS USING MACHINE & DEEP LEARNING TECNIQUES**" sponsored by ministry of Electronics and Information Technology GoI organized by E&ICT Academy, NIT Warangal and PSMCR College of Engineering Vijayawada,Andhra Pradesh during 02-01-2023 to11-01-2023.

➤ Dr.D.Anusha, Associate professor, has participated in the NATIONAL CONFERENCE organized by Vijnana Bharati, Power Foundation of India and SPA Vijayawada held on 19-12-2022 on the theme of "Agni-Energy Security for Atmanirbar Bharat at School of Planning and Architecture,Vijayawada.

➤ J.S.N.Jyothi, Assistant professor, has participated in the NATIONAL CONFERENCE organized by Vijnana Bharati, Power Foundation of India and SPA Vijayawada held on 19-12-2022 on the theme of "**Agni-Energy Security for Atmanirbar Bharat at School of Planning and Architecture**", Vijayawada

➤ Ch.Pavani, Assistant professor has participated in a Four day faculty development program is conducted by APSCHE, Mangalagiri in association with Common wealth Educational Media Centre For Asia and Andhra layola college, Vijayawada.

➤ D.V.Subbarao has attended Online Short-Term Course on "**Network Security Analysis using Wire shark"**, Snort and SO" Conducted by the CSE-Cyber Security, SNIST, Hyderabad in association with CCE, NIT Warangal from 05-12-2022 to 09-12-2022.

➤ Dr.A.Radhika, Associate professor participated in one week online faculty development program on "**IOT INDUCED ARTIFICIAL INTELLIGENCE"** for emerging computing paradigms organized by department of information of technology from 04-10-2022 to 08-10-2022.

➤ Dr.A.Radhika, Associate professor participated in six day online faculty development program on "**Art of Writing Research Paper**", organized by the Department of Business Administration, SRK Institute of Technology from 21-09-2022 to 27-09-22.

➤ Dr.B.Ashalatha, Associate professor participated in one week national level online STTP on "**Applications of AI, ML and DATA SCIENCE**" held from 12-12-2022 to 17-12-2022.

➤ P.Jayasree, , Assistant professor participated in one week national level online STTP on "**Applications of AI, ML and DATA SCIENCE**" held from 12-12-2022 to 17-12-2022.

➤ D.Nalini Kumari, , Assistant professor participated in one week national level online STTP on "Applications OF AI, ML AND DATA SCIENCE" held from 12-12-2022 to 17-12-2022.

➤ D.V.Subbarao, , Assistant professor participated in one week national level online STTP on "**Applications of AI, ML and DATA SCIENCE**" held from 12-12-2022 to 17-12-2022.

➤ P.Jayasree, , Assistant professor has participated in five day faculty development program on "**Including Universal Human Values in Technical Education**" organized by All India Council for Technical Education from 31-10-2022 TO 04-11-2022.

➤ Ch.Pavani, Assistant professor has participated in a Five day faculty development program on "**Applications of Artificial Intelligence & Machine Learning in Civil Engineering** "organized by the Department of Civil Engineering, Vishnu Institute of Technology during 24-11-2022 to 29-11-2022.

➢ Ch.Pavani, Assistant professor has participated in a Five day faculty development program on "**Machine Learning and Deep Learning**" from 11-10-2022 to 15-10-2022.

➢ Ch.Pavani, Assistant professor has participated in a six day faculty development program on "**Art of Writing Research Paper**" organized by the Department of Business Administration, SRK Institute of Technology from 21-09-2022 to 27-09-2022.

➢ Ch.Pavani, Assistant professor has participated in A Five day the National Level FDP on "**CRYPTOOCURENCY,BLOCKCHAIN & CYBER SECURITY**" Organized BY the Department OF Commerce and Department Computer Science, KMM College of Arts & Science, Thriakkara from 12-09-2022 to 16-09-2022.

Faculty Achievements:
2022-23
Dr.D.Anusha, obtained Ph.D Degree from Acharya Nagarjuna University, Guntur.
Books and Book Chapters

❖ Dr.B.AshaLatha, Associate Professor wrote a paper in book chapter "Network and System Security" with ISBN No: 978-93-95468-06-0.

❖ Dr.B.AshaLatha, Associate Professor wrote a paper in book chapter "Digital Image Processing and its Basis" with ISBN No: 978-93-95932-71-2.

❖ Dr.B.AshaLatha Associate Professor **wrote** a paper in book chapter "Topological Machine Learning Data Analysis for **the** Extraction of Robust Geometric Information" with ISSN No: 978-981-19-1559-8-17.

❖ Dr.D.Anusha, Associate Professor wrote a paper in book chapter "Network Essentials" with ISSN No: 9798889236719.

I. **Student Entrepreneurs:**

2022-23:
Paper Publishments by the student

1. Kari Rama Chandrika, Mannam Bajesh, Medatati Geethika,Tota Venkata Sudarshan Rao Published a Paper on "A Novel Approach for Leaf Disease Detection using CNN" in Industrial Engineering Journal with ISSN:0970-2555, Volume:52, Issue 3, March 2023

2. Goriparthi Likhitha, Gudivaka Hema Sri, Nalla Vamsi Krishna, Shaik Rihana Published a Paper on "Wish List Product Price Comparison Website" in RB Journal of Lib & Information Science with ISSN:0972-2750 ,Vol-13 ,Issue-04 No, February 2023

3. Ayodhya Hemasri, Ande Vinoothna, Gajula Bhanu Prakash, Bodempudi Prasanth Published a Paper on "Automating E-Government using Artificial Intelligence" in Industrial Engineering Journal with ISSN:0970-2555 ,Volume:52,Issue 4,April 2023.

4. M.Divya, M.Nandu, G.Tirumala Vasu, J.Yugandhar Published a Paper on "Cardiovascular Disease and Relief and Lasso Feature Selection Techniques using ML" in Industrial Engineering Journal ISSN:0970-2555 Volume:52, Issue 4,April 2023.

5. Gampa Radha Krishna, Chennamsetty Hemanth Sai, Hupathi Ramya Raju, Pepalle Bharath Chaithanya published a Paper on "Schemes to Detect Data Poison under Distributed Environment" in Industrial Engineering Journal with ISSN: 0970-2555 Volume: 52, Issue 1, January 2023.

6. K.Prathyusha Rani, Y.Pavan Teja, J.Srikanth, G.Naveen Chowdari Published a Paper on "Effective Mock Interview using AI and ML" in Industrial Engineering Journal with ISSN: 0970-2555 Volume: 52, Issue 4, April 2023.

7. G.Chandrikarani, Y.Mohan Balaji ,I.Akhil, D.Tulasi Priya Published a Paper on "Class Wised Facial Attendance System" in International Journal for Research Trends and Innovation with ISSN:2456-3315 ,Volume 8,Issue 4,2023.

8. Burle Tarun Sai, Gayam Ramya, Adiralla Sirisha, Bheemineni Pravallika Published a Paper on "TAFC: Time and Attribute Factors Combined Access Control on Time-Sensitive Data in Public Cloud" in Industrial Engineering Journal with ISSN:0972-1347 Volume:52,Issue 1,January : 2023

9. Boggavarapu Amulya, B.Hema Durga, M.Pavani, Shaik Firoz, Lokesh Arjun Published a Paper on "A Novel Approach for Effective Stress Detection Method on Social Media Blogs" in Industrial Engineering Journal with ISSN: 0970-2555 Volume: 52, Issue 4, April 2023.

10. U.Sathvika, R.Srujan Sai, R.Teja Samitha, G.Pavan Published a Paper on "Cyber Attack Detection in Network is using Machine Learning Algorithms" in Dogo Rangsang Research Journal ISSN: 2347-7180 Vol-13, Issue-3, and March 2023.

11. B.Jyothi, K.Sai Sampath, P.Sandeep, K.Manoj Published a Paper on "Effective Fine-Grained Weather Forecasting Model using ML" in Industrial Engineering Journal ISSN:0970-2555 Volume:52,Issue 4,April : 2023.

12. Y Sai Satya Nath, A.Sai Deepak, V.Chaitanya Sai, A.Bhargav Teja Published a Paper on"Criminal Investigation and Suspect Detection" in Industrial Engineering Journal ISSN: 0970-2555 Volume: 52, Issue 4, April: 2023

13. P.Yoshitha, S.Dharani, K.Akhilesh Published a Paper on" A Survey on Diabetic Retinopathy Detection using Deep Learning Techniques" in Journal of Emerging Technologies and Innvative Research (JETIR).

14. M.Rajyalakshmi, P.Karuna Jyothi, A.Kethan, Sk.Basha Published a Paper on " Software Defect Detection Strategies in Contemporary Methodologies using ML" in Industrial Engineering Journal with ISSN:0970-2555 Volume:52,Issue 4,April 2023,

15. Suhana Pathan, Sana Kauser, S.Yogendra Published a Paper on "Bitcoin Market Price Prediction using Neural Networks" in International Journal of Novel Research and Development, with ISSN:2456-4184, Volume 8,Issue 4,April 2023.

➢ Department Profile

❖ Name of the Department： INFORMATION TECHNOLOGY

Course   :   B.Tech
Level   :   UG
1st year of approval by the Council: 2009
Current Intake   :   60

	2022-23	2021-22	2020-21
Year wise sanctioned intake	60	60	60
Year wise actual admissions	59	64	62
Cutoff marks-General Quota	50%	50%	50%
%of Students Graduated	80%	88%	93.1%
Students Placed	26	37	32
Average pay package Rs./year	4Lakhs	3.6lakhs	3.5lakhs
Students opted for Higher Studies	1	2	2

Accreditation Status of the course:
Accredited by NAACCollaborations, if any:
Professional Society Membership: ISTE Membership

	2022-23	2021-22	2020-21
Professional activities	NIL	NIL	NIL
Consultancy activities	NIL	NIL	NIL
Grants Fetched	NIL	NIL	NIL

	2022-2023	2021-2022	2020-2021
Faculty Paper Publications:	1	13	-
Faculty attended FDPs and Workshops:	9	17	14
Faculty Achievements:	-	-	-

Departmental Achievements:

1. IT Department has trained the students on AWS in latest technologies.

2. IT Department has organized the WORKSHOPS on R-Programming

3. Hondoo peco system SQOOP, HIVE, Pig HBase which is useful for Cloud New technologies.

4. In IT Department G.D.K. Kishore, Assistant Professor warded with PhD.

S.No	Name of the alumnus	Year of study	Degree(UG/PG)	Present Position
1	M.Anuhya	2015-19	B.Tech(IT)	Programmer Analyst Trainee in Cognizant Technology Solutions India Private Limited ("Cognizant").
2	Bhavitha Jammula	2015-19	B.Tech(IT)	Process Executive - Data in Cognizant Technology Solutions India Private Limited ("Cognizant")
3	T.Madhavi	2015-19	B.Tech(IT)	System Engineer at

				INFOSYS LIMITED
4	Shaik sabiya Tabassum	2016-20	B.Tech(IT)	Network Engineer at CISCO
5	Kollipara Venkata Naga Sri Sowmya	2016-20	B.Tech(IT)	Process Specialist at INFOSYS
6	Lokala Girish Sri Naga Sai Kumar	2017-21	B.Tech(IT)	Customer Service Associate at TCS
7	A.Sai harini	2017-21	B.Tech(IT)	MS at PURDUE University
8	Gunda Aihika	2018-22	B.Tech(IT)	Tech Ops Engineer in grade MG 01A at Pay tm
9	Yarraguntla Lakshmi Chandana	2018-22	B.Tech(IT)	Tech Ops Engineer in grade MG 01A at Pay tm

- ➢ **Department Profile**

  - ❖ **Name of the Department** : **Electrical and Electronics Engineering**

Course : B.Tech

Level : UG

1st year of approval by the Council : 2012

Current Intake : 60

	2022-23	2021-22	2020-21
Year wise sanctioned intake	6 0	60	60
Year wise actual admissions	38	61	47
Cutoff marks-General Quota	50%	50%	50%
%of Students Graduated	38%	75%	No batch
Students Placed	20	28	Nil
Average pay package Rs./year	3.4 Lakhs	3.6 Lakhs	Nil
Students opted for Higher Studies	1	Nil	Nil

Accreditation Status of the course : Accredited by NAACCollaborations,

if any : Nil

Professional Society Memberships : ISTE Student Chapter

	2022-23	2021-22	2020-21
Professional activities	6	-	-
Consultancy activities	-	–	–
Grants Fetched	–	–	-

Faculty Paper Publications:

S. No	Academic Year	Faculty Name	Paper/ Book Title	Publication
1	2020-21	P.Bhavana	A Review on various DC-DC converter for photo voltaic based DC micro grids	2021 IEEE sponsored international conference on Emerging Trends in industry 4.0
2		P.Bhavana	Analysis of Z-Source inverter fed Asynchronous	IOP Conference Series: Materials Science and Engineering

				Motor for Electric Vehicle Applications	
3		P.Bhavana		Significance of renewable energy sources for future technologies built on geographical conditions and period of seasons	International conference on technologies for smart green connected societies 2021
4	2021-22	P.Bhavana		Advanced Functional Material (ICAFM-2021)	International virtual conference on advanced functional materials (ICAFM-2021)
5		P.Bhavana		A Two-Stage Distribued control architecture with fuzzy logic controller for economic operation of hybrid AC/DC Microgrid	ICAFM-2021

Faculty attended FDPs and Workshops:

S.No	Academic Year	Name Of The Faculty	Duration	Name Of The Program	Host Institute
1	2022-23	Mr.K.Satyanarayana	A Two Week FDP On"Applicatuions Of Power Electronics In Electric Vehicles"	12.12.22 to 23.12.22	AICTE and ATAL Academy
2		Mr.K.Satyanarayana	NPTEL-AICTE FDP on "Programming in JAVA"	Jul-Oct2022	NPTEL
3		Mr.K.Satyanarayana	NPTEL 12 week course on "Programming in JAVA"	Jul-Oct2022	NPTEL
4		Ms.T.Maha Lakshmi	A National Conference On Agni-Energy Security For Atmanirbar Bharat	19-12-2022	SPA ,Vijayawada
5		Mr.K.Satyanarayana	30days Master class onJAVA FULL STACK	01.09.22 To 30.09.22	Pantech e Learning
6		Mr.S.Nageswara Rao	6 Daya FDP on "Art Of Writing Research Paper"	21.09.22 To 27.09.22	SRK Institute of Technology
7		Mr.K.Satyanarayana	6 Daya FDP on "Art Of Writing	21.09.22 To	SRK Institute of Technology

S.No		Name	Title	Date	Institution
			Research Paper"	27.09.22	
8		Ms.T.Maha Lakshmi	6 Daya FDP on "Art Of Writing Research Paper"	21.09.22 To 27.09.22	SRK Institute of Technology
9		Mr.N.E.K Chandra	6 Daya FDP on "Art Of Writing Research Paper"	21.09.22 To 27.09.22	SRK Institute of Technology
10		Ms.B.Indraja	6 Daya FDP on "Art Of Writing Research Paper"	21.09.22 To 27.09.22	SRK Institute of Technology
11		Ms.T.Maha Lakshmi	A 5 Day FDP on "Microsoft Power Bi Data Analyst Associate."	25.07.22 TO 29.07-22	ICT academy PB Siddhartha Arts and Science College Vijayawada
12		Mr.K.Narendra Babu	A 30 Days Master Class on "EV Design"	02.02.22 To 03.03.22	APSSDC
13		Mr.S.Nageswara Rao	Designing of Solae Energy PV Sysyems	09.03.22 To 10.03.22	SRK Institute of Technology
14		Mr.K.Narendra Babu	Designing of Solae Energy PV Sysyems	09.03.22 To 10.03.22	SRK Institute of Technology
15		Mr.K.Satyanarayana	Designing of Solae Energy PV Sysyems	09.03.22 To 10.03.22	SRK Institute of Technology
16		Ms.T.Maha Lakshmi	Designing of Solae Energy PV Sysyems	09.03.22 To 10.03.22	SRK Institute of Technology
17		Mr.N.E.K Chandra	Designing of Solae Energy PV Sysyems	09.03.22 To 10.03.22	SRK Institute of Technology
18		Ms.B.Indraja	Designing of Solae Energy PV Sysyems	09.03.22 To 10.03.22	SRK Institute of Technology
19		Ms.A.Vijayasri	Designing of Solae Energy PV Sysyems	09.03.22 To 10.03.22	SRK Institute of Technology
20		Ms.B.Indraja	Non conventional energy resources	Jan-april2022	NPTEL Online certification
21		Ms.T.Maha Lakshmi	Online Bootcamp-Basic of Android App Development with Kotlin	11.06.22 To 16.06.22	L4G&Google Developer Team

Distinguished Alumni:

S.No	Name of the alumnus	Years of Study	Degree (UG/PG)	Present Position
1	P. Varun Kumar	2016-2019	B.Tech (EEE)	Project Engineer, Wipro Ltd, Bengaluru
2	D. Venkata Sandeep	2020-2023	B.Tech (EEE)	Jr. Technician, GHP India Services PVT. LTD.
3	P. Lakshmi Sravani	2020-2023	B.Tech (EEE)	Faculty – Communicative English, Institute of Language Management (P) Ltd.

➢ **Department Profile**

❖ **Name of the Department** : **Mechanical Engineering**

Course : B.Tech
Level : UG
1st year of approval by the Council : 2010
Current Intake : 30

	2022-23	2021-22	2020-21
Year wise sanctioned intake	60	60	60
Year wise actual admissions	22	23	46
Cutoff marks-General Quota	50%	50%	50%
%of Students Graduated	41%	70%	75%
Students Placed	5	54	74
Average pay package Rs./year	2.36 Lakhs	2.8 Lakhs	2.43 Lakhs
Students opted for Higher Studies	-	4	2

Accreditation Status of the course : Accredited by NAAC

Professional Society Memberships : ISTE Students chapter.

	2022-23	2021-22	2020-21
Professional activities	1	--	--
Consultancy activities		2	1
Grants Fetched		--	--

➢ **Departmental Achievements:**

1. Dr. P. Kishore Kumar published an article in Science citation indexed journal with an impact factor of 2.3.

2. Dr. A. Stanly Kumar, attended online FDP on "Medical Applications using Machine & Deep Learning Techniques" conducted by NIT, Warangal.

3. Dr. A. Stanly Kumar, attended two day workshop on "Phase change materials for thermal energy storage" conducted by VR Siddhartha Engineering College.

4. Mr. Bala chinalingam Vanam, attended online FDP on "Engineering drawing through AUTO CAD" conducted by CVR college of engineering, Rangareddy.

5. Mr. Bala chinalingam Vanam, attended online FDP on "Hybrid Electric vehicles" conducted by GMR&VR Siddhartha engineering, Vijayawada.

6. Mr. V. Bala chinalingam , attended online FDP on "Advanced technologies for Emerging & Reach in Mechanical Engineering" conducted by ANNAMACHARYA Institute of technology, Rajampet.

7. Mr. R. Kiran Kumar, attended online FDP on "HYBRID ELECTRIC VEHICLES" conducted by GMR Institute Of Technology, Rajam & V R Siddhartha Engineering College, Vijayawada.

8. Ms. Y. Durga Bhavani, attended online on one week FDP on "HYBRID ELECTRIC VEHICLES" Jointly organized by the Department of Mechanical Engineering, GMR&VR Siddhartha engineering,

Vijayawada.

9. P. Bhagya lakshmi attended one week online FDP on" trends and challenges in the development of electric vehicles & hybrid electric vehicles " conducted by LENDI institute of engineering and technology.

10. Mr. R. KARUN KUMAR, attended online FDP on "HYBRID ELECTRIC VEHICLES" conducted by GMR Institute Of Technology, Rajam & V R Siddhartha Engineering College, Vijayawada.

11. Mr. U. Tanoj attended one week online FDP on" innovation in mechanical engineering " conducted by VVIT.

12. Mr. P. Tarun Naga Venkatesh attended 2 week ATAL FDP on "Applications of IOT in Mechanical Engineering" conducted by PVP Sidhartha Institute of Technology.

Distinguished Alumni:

S.No	Name of the alumnus	Years of Study	Degree (UG/PG)	Present Position
1	Anwar Ahmed Shaik	2012-2016	B.Tech (ME)	IT project support officer, VicTasSynod, Australia
2	Jonnala Nageswara Rao	2013-2017	B.Tech (ME)	MS at Riga Technical University, Latvia
3	Bendi Durga Prasad	2018-2022	B.Tech (ME)	MS at Coventry University, UK
4	N Sobhan Babu	2018-2022	B.Tech (ME)	MS at Birmingham City University, UK

> ➤ **Department Profile**

> ❖ **Name of the Department** : **Science and Humanities**

Course : B.Tech
Level : UG
1st year of approval by the Council : 2009
Current Intake : 180

	2022-23	2021-22	2020-21
Year wise sanctioned intake	600	600	600
Year wise actual admissions	429	451	472
Cutoff marks-General Quota	50%	50%	50%
%of Students Graduated	Results awaited	67%	76%
Students Placed	55	93	50
Average pay package Rs./year	3.4 Lakhs	3.6 Lakhs	3.5 Lakhs
Students opted for Higher Studies	-	2	4

Accreditation Status of the course : Accredited by NBA &
NAACCollaborations, if any : Dronix Ltd-Israel &
TBI
Professional Society Memberships : IETE Students chapter, IEEE Students chapter, IETE, ISSE, ISTE & IE Staff

	2022-23	2021-22	2020-21
Professional activities	6	1	2

Consultancy activities	1500$	–	–
Grants Fetched	–	–	36.6 Lakhs

Departmental Achievements:

- The Staff of S&H Department has participated and represented various faculty development programs like National Education Policy, Effective Pedagogy of Science and Research Management.
- The Staff of S&H Department has participated different Research Programs and Seminars which are useful for the Development of Effective Communication Skills for the skill based advancements.
- The Staff of S&H Department has published different research papers on different genres in their fields.
- The Staff of S&H department has given Guest Lectures on Cyber Security Awareness, Digital Monitoring, Harassing Mind power etc..

➢ **Department Profile:**

❖ **Name of the Department**   **: Department of business administration**

Course   :   MBA
Level   :   PG
1styear of approval by the Council   :   2009
Current Intake   :

	2022-23	2021-22	2020-21
Year wise sanctioned intake	66	66	66
Year wise actual admissions	66	51	41
Cutoff marks-General Quota	50%	50%	50%
%of Students Graduated	92.5%	87.0 3%	92.15%
Students Placed	09	07	10
Average pay package Rs./year	3.5 Lakhs	3.6 Lakhs	3.5 Lakhs
Students opted for Higher Studies	-	-	1

Accreditation Status of the course: Accredited by NAAC and ISO

Professional Society Memberships : Faculty members acquired membership in Teaching and Education Research Association (TERA), AsiaSociety of Researchers (ASR)- Hong Kong, International Association of Advanced Materials (IAAM)- Sweden, Indian Academicians and Researchers Association (IARA) & International Association of Academicians and Researchers (INAAR).

	2022-23	2021-22	2020-21
Professional activities			
Consultancy activities	NIL	NIL	NIL
Grants Fetched	NIL	NIL	NIL

Departmental Achievements:

Faculty Paper Publications:

AY 2022-2023:

1) Mr. Banavathu Chinni, Assistant Professor published a paper on "Impact of Digital marketing Practices on Sales Growth and Sustainability of Msmes" in the Journal of Pharmaceutical, Negative Results, Volume 13.

2) Dr. B. Krishnaiah, Associate Professor & Head of Business Administration published a paper on "A Study on Business Analytics: A Business Enabler" in the Journal of International Journal of creative Research Thoughts (IJCRT) Volume X, Issue X,ISSN:3020-2882.

3) Dr. M. Veerabhadra Rao, Professor published a paper on "Insights into Color Psychology in Marketing, Advertising & Promotion" in the International Journal for /Science & Development, Volume 10, Issue 07,2022,ISSN:2321-0613.

4) Mr. B.V.S.S. Subba Rao, Assistant, Professor published a paper on "Insights into Color Psychology in Marketing, Advertising & Promotion" in the International Journal for /Science & Development, Volume 10, Issue 07,2022,ISSN:2321-0613.

5) Dr. M. Veerabhadra Rao, Professor published a paper on "A Study on Internet Banking in India: Popularity Trends" in the International Journal of /scientific Research and Engineering Development, Volume 5, Issue 04, July – August 2022,ISSN:2581-7175.

6) Mr. B.V.S.S. Subba Rao, Assistant Professor published a paper on "A Study on Internet Banking in India: Popularity Trends" in the International Journal of /scientific Research and Engineering Development, Volume 5, Issue 04, July – August 2022,ISSN:2581-7175.

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FDP Organized:

2022-2023: One week FDP on Art of writing research paper from 21st to 27th September 2022.

Faculty FDP attended:
Academic Year: 2022-23

S.No	Name of the Faculty	Dates	Name of the Programme	Host Institution
1	Mr.B.Chinni	25-08-2022 to 01-09-2022	FDP on Research Methodology And Data Analysis In Business Management	Krishna University
2	Mr. G. Kiran	25-08-2022 to 01-09-2022	FDP on Research Methodology And Data Analysis In Business Management	Krishna University
3	Mr. G. Kiran	12-09-2022	National webinar on Managing Wealth Creation through financial planning	IIS Deemed University JAIPUR
4	Mr. G. Kiran	07-09-2022	National webinar on managing personal finances & wealth creation	SDMS Mahila Kalasala,Vijayawada

5	Mr BVSS Subbarao	19-12-2022 To 22-12-2022	Faculty Development Programme in 21st century Skills And Teaching Methodologies	Andhra Pradesh State Council of Higher Education (APSCHE) In association with Common Wealth Education Media Centre for Asia (CEMCA) and Andhra Loyola College

WORKSHOPS ORGANISED:

AY 2022-23:

1) Two workshops on financial education on Indian securities market by Mr V Narendra, NISM Certified Trainer on 24th and 25th November 2022.

2) One day Workshop on entrepreneurship and innovation as career opportunities by Mr Chandra sekhararrao, Project head, BYST Vijayawada on 19/11/2022.

SEMINARS ORGANISED:

AY 2022-2023:

1) One day seminar on Awareness on employment opportunities in health insurance sector by Mrputrevu Ravi Shankar IC38 Agency head, Star Health Insurance Vijayawada.

Faculty Achievements:

1) Mr, P.Nagasrinivasa Rao qualified and secured 2nd RANK in AP RSET.

2) MS.B.Anitha has enrolled for full time Ph.D at VIT Amravati.

3) Dr. B. Krishnaiah, Appointed as Editor for Journal of Management Research and Analysis, by Innovative Education and Scientific Research Foundation, USA.

Guest Lectures delivered at other Institutions:

- **Dr. B. Krishnaiah** delivered Guest Lecture on "Risk Management & Portfolio Analysis in the Capital Markets" at MBA Department, Vijaya Institute of Technology for Women, Vijayawada on 11th & 12th of April, 2022.

- **B.V.S.S. SubbaRao** delivered Guest Lecture on "**Overview on IPR**" for the students of ECE at Vijaya Institute of Technology for Women on 30-03-2022".

- **Dr. M. VeerabhadraRao** delivered Guest Lecture on "Time Management" on 13/03/2022 at Vijaya Institute of Technology for Women.

Student Achievements:

➢ Ms. A. Anusha& P. Gopi of Intg MBA IV Year bagged First Prize in Innovative Business Idea, Organized by TJPS College, Guntur on 6th April 2022.

➢ Mr. B.Sanjay, Ms. V. Visalakshi& T. Bhargavi, secured First prize in MARKET MAKERS Event at CONFLUENIA 2K22, One Day National Level Management Meet, conducted by KBN college, Vijayawada.

- Ms V.Vishalakshi, T. Bhargavi secured First prize in MARKET MAKERS Event at UDBHAV 2K22, One Day National Level Management Meet, conducted by VIGNAN'S "DEEMED TO BE UNIVERSITY,Guntur.

- Ms. T. Bhargavi, Second Prize in Market Kshetra in SiddarthaMahilaKalasala on 13/04/2022.

- Ms. K. RoopaLakshmi, T. Bhargavi, J. Naga Sai, B. Sanjay, P. Tirumala, N. Ramya Sri, A. Mahima& P. Naveen won Second Prize in Street Art at SiddarthaMahilaKalasala on 13/04/2022.

- Ms. Y. Chandrika, Imba I Year won the First Prize in Spot Photography at Nalanda Degree College on 16th May 2022.

- Ms. A. Sravani, IMBA I Year won the Second Prize in Spot Photography at Nalanda Degree College on 16th May 2022.

Industrial Visits:

- 60 students of MBA & Integrated MBA, visited Kumar Pumps & Motors, Tenali on 26/04/2022.

- 160 Students of MBA & Integrated MBA, visited Sangam Milk Producer Company Limited, Vadlamudi, Guntur on 27th& 28th of April 2022.

- 90 Students of MBA & Integrated MBA, visited the Jocil Limited, Dokiparru, Guntur on 04th& 07th of May 2022.

II.   Student Entrepreneurs:

1. Mr. Shaik. Riyaz, Regional Manager (Pharmaceutical), Jhonson & Johonson, US based MNC, Mumbai.

2. V. Gopi Chandra, HR Consultant TCS, Hyderabad.

3. Mr. Abdul Ravoof, Operations Head-South India, Ababil Healthcare Pvt Ltd.

4. Mr. Nimmakayala Praveen, Assistant Branch Manager, Cholamandalam MS General Insurance Company

Department Profile: Integrated MBA

❖ **Name of the Department   : Department of business administration**

Course	:	Integrated MBA
Level	:	PG
1[st]year of approval by the Council	:	2014
Current Intake	:	

	2022-23	2021-22	2020-21
Year wise sanctioned intake	66	66	66
Year wise actual admissions	22	21	51
Cutoff marks-General Quota	45%	45%	45%
%of Students Graduated	79.54%	88.81%	75.00%
Students Placed	09	25	4
Average pay package Rs./year	3.5 Lakhs	3.6 Lakhs	3.5 Lakhs
Students opted for Higher Studies	1	-	-

Accreditation Status of the course:: Accredited by NAAC and ISO

Professional Society Memberships : Faculty members acquired membership in
Teaching and Education Research Association (TERA), Asia
Society of Researchers (ASR)- Hong Kong, International Association of Advanced Materials (IAAM)-
Sweden, Indian Academicians and Researchers Association (IARA) & International Association of
Academicians and Researchers (INAAR).

	2022-23	**2021-22**	**2020-21**
Professional activities			
Consultancy activities	NIL	NIL	NIL
Grants Fetched	NIL	NIL	NIL

Departmental Achievements:

Faculty Paper Publications:

AY 2022-2023:

7) Mr. Banavathu Chinni, Assistant Professor published a paper on "Impact of Digital marketing Practices on Sales Growth and Sustainability of Msmes" in the Journal of Pharmaceutical, Negative Results, Volume 13.

8) Dr. B. Krishnaiah, Associate Professor & Head of Business Administration published a paper on "A Study on Business Analytics: A Business Enabler" in the Journal of International Journal of creative Research Thoughts (IJCRT) Volume X, Issue X,ISSN:3020-2882.

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Academic Year: 2022-23

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SEMINARS ORGANISED:

2022-2023:

2) One day seminar on Awareness on employment opportunities in health insurance sector by Mrputrevu Ravi Shankar IC38 Agency head, Star Health Insurance Vijayawada.

Faculty Achievements:

1) Dr.B.Krishnaiah and Dr.M.Veerabhadra rao have ratified as Associate Professor from JNTUK in 2022

2) Mr P.Naga srinivasa Rao and Mr.SK.Shafiullah has qualified AP SET in 2021.

3) Mr,P.Nagasrinivasa Rao qualified and secured 2nd RANK in AP RSET.

4) MS.B.Anitha has enrolled for full time Ph.D at VIT Amravati.

Guest Lectures delivered at other Institutions:

- **Dr. B. Krishnaiah** delivered Guest Lecture on "Risk Management & Portfolio Analysis in the Capital Markets" at MBA Department, Vijaya Institute of Technology for Women, Vijayawada on 11th& 12th of April, 2022.

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- Ms V.Vishalakshi, T. Bhargavi secured First prize in MARKET MAKERS Event at UDBHAV 2K22, One Day National Level Management Meet, conducted by VIGNAN'S "DEEMED TO BE UNIVERSITY,Guntur.

- Ms. T. Bhargavi, Second Prize in Market Kshetra in SiddarthaMahilaKalasala on 13/04/2022.

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- Ms. A. Sravani, IMBA I Year won the Second Prize in Spot Photography at Nalanda Degree College on 16th May 2022.

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III. Student Entrepreneurs:

1. Ms. Ch. Sai Priya, Research Associate, HCL Technologies Pvt Ltd.

2. Ms. J. Manasa, Team Lead, Financial Analysis Department, HCL Technologies Pvt. Ltd.

3. Mr. K. Pardha Saradhi, Entrepreneur, Ananya Infrastructure Pvt Ltd, Visakhapatnam.

4.Mr. B. Sathish Reddy, Entrepreneur, Dealer of Dodla Milk Proudcts Pvt Ltd.

7. Profile of Vice Chancellor / Director / Principal / Faculty

SRK INSTITUTE OF TECHNOLOGY
(Approved by AICTE & Affiliated to JNTU Kakinada)
Enikepadu, Vijayawada–521 108, Phone: 0866-2843839 / 8374956444

FACULTY PRPOFILE

Name of the Faculty	Dr. M.Ekambaram Naidu
Designation & Principal	Professor in Computer Science and Engineering
Email Id	principalsrk@gmail.com
Principal	0866 – 2843839, **9849258356**
Date of Joining	19-06-2009
Nature of Association	**Regular**
Department	Computer Science and Engineering

B.   ACADEMIC HISTORY

This is to certi

DEGREES AND UNIVERSITIES ATTENDED

Ph.D   Computer Science, University of Mysore, Mysore, 2009

M.Tech Computer Science & Engineering, Mangalore University, Karnataka 1992 **(I-Class)**

B.Tech Electronics & Communication Engg, S.V. University Tirupathi, 1985 **(I-Class)**

C.   EMPLOYMENT RECORD

SUMMARY OF EMPLOYMENT RECORD
32 years of
Industrial, Professional, Teaching
and Research Experience

Ratification: JNTUH ratified me as a Principal of Engineering College in 2010 and 2015. JNTUK-2017.

1985 onwards

Prof.&Principal, SRK Institute of Technology, Vijayawada (Jan 2017 to till date).

Prof.&Principal, ACTS, Hyderabad (Mar2015 to Dec 2016).

TRR Group (May 2006 to Feb 2015 – 8 Years 9 Months)

Prof & Principal, TRR Engineering college, Hyderabad (Sept 2012 to Feb 2015).

Prof & Principal, TRR College of Engg and Tech, Hyderabad (June 2010 to Sept 2012).

Prof & Principal, TRR Engineering College for Women, Hyderabad (June 2009 to june 2010).

Professor and HOD CSE Dept, TRR College of Engg., Hyderabad.(June 2006 to June 2009)

Professor, CSE Dept, Sree Vidyanikethan Engg College, Tirupati(Aug2004–May 2006)

Professor, CSE Dept, S.V. Engineering College, Chittoor (Oct 1999 – Oct 2001)

Managing Director, SSPL, Hyderabad (1994 – 1999)

Software Engineer, Frontier Information Technology, Hyderabad (1992– 1994)

T.A, ECE Dept, GPR Engg College, Kurnool (1985 - 1990)

Additional Experience

- Vast Teaching and administrative experience in academics and industry.

- Organizing committee member for International Conference on Systems, Cybernetics and Informatics (ICSCI) from 2005 to 2014.

- College Policy Drafting Committee Member of Sree Vidyanikethan Engineering College in 2005.

- Coordinator, EDC Cell, TRR Group of Institutions.

- Coordinator, Academic Staff College, TRR Group of Institutions.

- Coordinator for National level Job Fair in 2007 and 2008 at TRR College of Engineering.

- Developed various software projects to various Companies as a MD of SSPL.

- Developed a Quality Assurance Package while working as S/W engineer

- Involved in the development of "Logical Image Processing System" in PRC (P) Ltd.

- Arranged NSS camps as a principal of the Engg college.

- Coordinator for NBA processes in TRRCE &TRREC and got NBA accreditation.

- Worked as consultant for NBA accreditation to various Colleges in AP,TN and Karnataka.

- Recruitment Committee member for TRR Group of Institutions for 5 Years.

PROJECTS AND RESEARCH GUIDANCE

SUMMARY OF PROJECTS SUPERVISED	
Ph.D Students guided (Avarded)	3
Ph.D Students Supervising	1
M. Tech/MCA Number of reports completed:	100
B.Tech. Number of reports completed:	120
Commercial Projects Completed	15

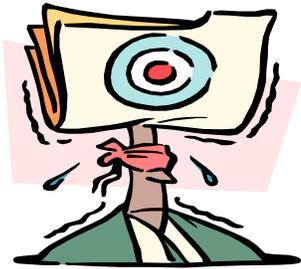**Research / Training experience (in chronological orders)**

Duration	Institution	Nature of work done
6 months research during degree. **B. Tech** thesis research project entitled "Gunn Oscillator Cavity Design"	NBKRIST, Vidyanagar **ISRO**, Sriharikota	Design and fabrication of Gunn Oscillator Cavity. This is used for Transmission of Micro wave signals.
One year research during PG. **M. Tech** thesis project entitled "Configurable Expert System building Tool based on Object Oriented Programming" (CESTOOP)	Work carried out in **ISRO**, SHAR Centre, Sriharikota. In 1992 Submitted to Mangalore University	Design and development of CESTOOP. Which is used to develop expert Systems for controlling different parameters while launching satellite vehicles
Ph.D. Project entitled " Spectral Domain Object Recognition using Rapid Transform and its Variants"	Work carried out in Pentagram Research Centre (P) Ltd., Hyderabad.	Derivation and Characterization of Properties of Rajan Transform and its uses in image processing and

	Submitted to University of Mysore	pattern recognition.

Major Commercial Projects completed

1   House Numbering System of Megacity, Hyderabad

    Cost of the project: Rs. 12,00, 000/- in 1995

2   Land Records Computerization of entire Chittoor District.

    Cost of the project: Rs. 66,00, 000/- 1996

3   Computerization of Below Poverty Line of Chittoor District.

    Cost of the project: Rs. 21, 00, 000/- 1998

4   Software developed for Vijai Electricals Ltd Hyderabad in 1997

    Cost of the project: Rs12, 50,000/

5   Customized software packages developed for many companies

    Cost of the projects approximately: Rs 45 to 50 Lakhs

FIELDS OF INTEREST

Signal and Image Processing, Computer Vision, Pattern Recognition and Analysis, Modeling and Simulation, Systemics, Cybernetics and Informatics, Symbolic Computation, Computer Networks, Mobile Networks and Software Engineering, OOD and OOPS.

F. PUBLICATIONS

INTERNATIONAL RESEARCH JOURNALS

1. Ekambaram Naidu. M, Rajan E. G., "Two Dimensional Image Understanding Using Rajan Transform", Journal Engineering Letters, IAENG, Hong Kong 2006.

2. Ekambaram Naidu. M, Rajan E. G., "Two Dimensional Object Recognition Using Rajan Transform", Journal of Visualization, Kitaku, Tokyo 114-0034 Japan, 2007.

3. Ekambaram Naidu. M, Rajan E. G., "Rajan Transform and its uses in Pattern recognition", Journal of Informatica, Slovenian Society, Slovenia. 2009.

4. Ekambaram Naidu, M, Pratap Singh. S, " Impact of Multiple attacks and damages on web based applications and security testing" International Journal of Advanced in Soft Computing Technology, India, Volume -1, issue-1, January 2011,

5. Kalpana Mary M, M. Ekambaram Naidu," Security and Privacy Issues in Cloud Computing Objective" International Journal of Engineering and Science Research, Volume 3, Issue 8, August 2013.

6. S. Pratap Singh, Dr.M.Ekambaram Naidu, "Performance analysis of various Asymmetric key cryptography algorithm" International Journal in Multi disciplinary and Academic Research (SSIJMAR) *Volume 4, No.1, February -2015. ISSN 2278-5973.*

7. Boggarapu Srinivasulu, M. Ekambaram Naidu, E. Sreenivasa Reddy, "Image worth Evaluation for False Biometric Detection: Submission to Iris, Fingerprint and Face Recognition" International Journal of Advanced Research in Computer Science and Software Engineering, Volume 5, Issue 2, February 2015.

8. S. Aparna, Dr.M.Ekambaram Naidu, "Video Registration based on SIFT Feature Vectors" International Journal of ELSEVIER Procedia Computer Science 87 (2016) 233 – 239.

9. S. Aparna, Dr.M.Ekambaram Naidu, "Video Image Processing Using Two Dimensional Digital Filters" International Journal of Applied Engineering Research ISSN 0973-4562 Volume 11, Number 12 (2016),   pp 7624-7632.

10. S. Aparna, Dr.M.Ekambaram Naidu, "Dynamic Edge Detection in a Digital Video Stream Using Kirsch Filters" International Journal of Computer Science and Information Security *ISSN 1947 5500, July 2016 Volume 14 No. 7,* pp. 871-878.

11. S. Pratap Singh, Dr.M.Ekambaram Naidu, "A Novel method of Authentication using DNA sequence" International Journal of Advance Engineering and Research Development *Volume 3, Issue 12, December - 2016.*

12. Dr M Ekambaram Naidu, S.Aparna, "Classified and comparative study of edge detection Algorithms", International Journal of Advances in Computer, Electrical and Electronics Engineering, Volume 5, issue March 2016, ISSN 2248-9584.

13. Dr M Ekambaram Naidu, S.Aparna, "Applying FIR and IIR digital filters over video image processing", International journal of Applied Engineering Research" Volume 11, Number 12 (2016) Issn 0973-4562.

14. Dr M Ekambaram Naidu, Kavya gangasani, "A three layer Architecture for data Security in Cloud Computing", International Journal of Computer Science Information and Engineering Technology (*IJCSIET*), Issue 3, volume 2, series 3, July 2013. ISSN 2277-4408.

15. B. Papi Reddy, S. Rajeswar, Dr. M Ekambaram Naidu, "Low–Discovery of Fraud Ranking in Mobile Apps", International Journal of Scientific Engineering and Technology Science, Volume 5, Issue 37,2016.

16. Ravi Kumar Chandu, M Ekambaram Naidu, "Effective Analysis of content Based Image Retrieval and its Principles" International Journal of Innovative Research in Science, Engineering and Technology, Vol:5 Issue 7, July 2016.ISSN 2347-6710.

17. B Vanitha, S. Rajeswar, Dr. M Ekambaram Naidu, "A Profit Maximization Scheme with Guaranteed Quality of Service in Cloud Computing" International Journal of Advanced Technology and Innovative Research, Volume 8, Issue 17, Oct 2016, ISSN 2348-2370.

18. Ravi Kumar Chandu, M Ekambaram Naidu, "Energitic Content Based Image Retrievel scheme using deep learning procedures" International Journal of Research, Vol:3 Issue 18, December 2016.

19. Ravi Kumar Chandu, M Ekambaram Naidu, "Experimental Analysis of deep learning Cbir Scheme with Svm principles", SSRG International Journal of Computer Science and Engineering (ICRTESTM) – Special Issue – April 2017. ISSN:2348-8387.

20. M Ekambaram Naidu, Ravi Kumar Chandu, "A complementary review of various content based image retrieval system Techniques", International Journal of Scientific Research, in Computer Science, Engineering and Information Technology, Vol:2 Issue 3, May-June 2017. ISSN:2456-3307.

21. M Ekambaram Naidu, Ravi Kumar Chandu, "Content based image retrieval system using SVM classification and Evolutionary algorithms". International Journal of Computer Science and Mobile Applications, Vol:5 Issue 10, OCT 2017. ISSN:2321-8363

22. M Ekambaram Naidu, Ravi Kumar Chandu, "An efficient perceptual of content based image retrieval system using SVM and evolutionary algorithms", International Journal of Future revolution in Computer Science and Communication Engineering.Vol:3 Issue 11, NOV 2017. ISSN: 2425-4248.
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Papers Presented in International Conferences

1. Ekambaram Naidu. M, Pratap Singh. S "A review : Performance analysis of cryptographic symmetric algorithms" 4th International Conference on Research Trends in Engineering, Applied Science and Management (ICRTESM-2017) at IETE, OU Campus, Hyderabad, India on 24th June 2017. ISBN: 978-81-934083-5-3.

2. Ekambaram Naidu. M, Aparna. S, " Spatial Compression and Reconstruction of Digital Video Stream Using Morphological Filters" 2nd IEEE International Conference on Next Generation Computing Technologies(NGCT-16), University of Petroleum and Energy Studies, Dehradun on 14-16 October 2016.

3. Ekambaram Naidu. M, Aparna. S, "Video Registration based on SIFT Feature Vectors",Fourth International Conference on Recent Trends in   Computer Science and Engineering"(ICRTCSE - 2016), Chennai, April 29-30 ,2016.

4. Ekambaram Naidu. M, Aparna. S, Rajan E. G "Video Image Processing Using Two Dimensional Digital Filters", International Conference on Inter-disciplinary Research in Engineering, Management, Phsrmacy and Science, (ICIREMPS 2K15), Bhopal, February 19-22 ,2015.

5. Ekambaram Naidu. M, Aparna. S, Rajan E. G "Cellular Logic Video Image Processing", International Conference on Inter-disciplinary Research in Engineering, Management, Phsrmacy and Science, (ICIREMPS 2K15), Bhopal, February 19-22, 2015.

6. Ekambaram Naidu. M, Mohammad Safi. R, "Testing based Software Development in Association with Extreme Programming" during the International Conference on Systemics, Cybernetics and Informatics (ICSCI2009), 6th – 9th January,2009 Hyderabad.

7. Ekambaram Naidu. M, "On the notion of Genemic Sequences and thesis Applications" during the International Conference on Systemics, Cybernetics and Informatics (ICSCI2008), 4th – 7th January,2008, Hyderabad,

8. Ekambaram Naidu. M, B. Dinakar. "State of Art in Privasy, Security and Data Mining", during the International Conference on Systemics, Cybernetics and Informatics (ICSCI2007), Hyderabad, January 3 – 7, 2007, pp 842-850.

9. Ekambaram Naidu. M, Bheemalingaiah. M., Madhusudhan Rao. C. "Multimedia Streaming Technology in 4G Mobile Communication Systems", during the International Conference on Systemics, Cybernetics and Informatics (ICSCI2006), Hyderabad, January 4 – 8, 2006, pp 934-939.

10. Ekambaram Naidu. M, Sreenivasa Chakravarthi. S., "Light Encryption for Mobile Devices of Lower Time Constraints", during the International Conference on Systemics, Cybernetics and Informatics (ICSCI2006), Hyderabad, January 4 – 8, 2006, pp 356-359.

11. Ekambaram Naidu. M, Saichand. G, "Rajan Transform and its uses in Pattern Recognition", International Conference on Systemics, Cybernetics and Informatics, (ICSCI2005), Hyderabad, January 6 – 9, 2005 pp 873-879.

Editor/Reviewer of Journal

1. Associate Editor of International Journal of Systemics, Cybernetics and Informatics (IJSCI).

2. Reviewer of International Journal of IET Power Electronics.

Seminars/Workshops /Job Fairs Conducted:

1. **Coordinator** for National Level Technical Seminar on "Natural to Artificial Systems" UIIC, JNTUH, on April 6th 2014 at TRR Engg college, Hyderabad..

2. **Coordinator** for one day Awareness Camp on "EDC "held on 25th Feb 2010 at TRR Institutions, Hyderabad.

3. **Coordinator** for two days Workshop on "**SQL Server- 2008**" on January 2009, TRR College of Engineering, Hyderabad.

4. **Coordinator** for one day Workshop on "**Java Technology**" on January 2009, TRR College of Engineering, Hyderabad.

5. **Coordinator** for one day Workshop on "**.NET and Project Management System**" on January 2009, TRR College of Engineering, Hyderabad.

6. **Coordinator** for one day Workshop on "**Image Processing and Pattern Recognition**" on December 2008, TRR College of Engineering, Hyderabad.

7. **Coordinator** for one day Seminar on "**Personality Development Program**" on October 2008, TRR College of Engineering, Hyderabad.

8. **Coordinator** for two days Seminar on "**Data Mining & Warehousing**" on March 2008, TRR College of Engineering, Hyderabad.

9. **Coordinator** for two days "**TRR JOB FAIR** ", December 2007, TRR College of Engineering, Patancheruvu, Hyderabad.

10. **Coordinator** for one day Seminar on "**Network Security & Cryptography**" on July 2007, TRR College of Engineering, Hyderabad.

11. **Coordinator** for one day Seminar on "**Entrepreneurship Awareness**" program on March 2007, TRR College of Engineering, Hyderabad.

12. **Coordinator** for two days "**TRR JOB FAIR** ", February 2007, TRR College of Engineering, Patancheruvu, Hyderabad. (Attended more than 10,000 candidates)

13. **Coordinator** for one day Workshop on "**Image Processing and Pattern Recognition**" , Jan 2005, Sree Vidyanikethan Engineering College, Tirupati.

Conferences Conducted:

1. Program Chair of the International Conference on "Systemic, Cybernetics and Informatics (ICSCI-2014)" held on February 3-6, 2014, at MCRHRD, Hyderabad.

2. Co-chair Conference and also Technical Sessions Chair of the International Conference on "Systemic, Cybernetics and Informatics (ICSCI-2011)" held on January 5-8, 2011, at MCRHRD, Hyderabad.

3. Co-chair Conference and also Technical Sessions Chair of the International Conference on "Systemic, Cybernetics and Informatics (ICSCI-2010)" held on January 27-30 2010, at MCRHRD, Hyderabad.

4. Joint Secretary of Conference and also Technical Sessions Chair of the International Conference on "Systemic, Cybernetics and Informatics (ICSCI-2009)" held on January 7-10, 2009, Taramathi Baradari, Hyderabad.

5. Co-Ordinator for reception Committee and also Technical Sessions Chair of the International Conference on "Systemic, Cybernetics and Informatics(ICSCI-2008)" held on January 2-5, 2008, at MCRHRD, Hyderabad.

6. Technical Sessions Chair of the International Conference on "Systemic, Cybernetics and Informatics (ICSCI-2007)" held on January 5-8, 2007, at MCRHRD, Hyderabad.

Seminars/ Workshops Attended:

1. Attended "**IUCEE Leadership Summit 2018**" organised by IUCEE & Co-Sponsored by VIT-Amaravati, from 19th to 21st July 2018 at Hotel Goan Heritage – GOA.

2. Attended State level workshop on **"NEERU-PRAGATHI"** organized by AP State Council of Higher Education on 8th May 2017 at ANU, Guntur.

3. Attended MHRD sponsored "**ERP Mission-2011**" on 13th and 14th of August 2011 at Amritha University, Kerala.

4. Attended Adobe Company sponsored "Adobe Academic Summit 2008" on 12th August 2008 at ITC Kakatiya Sheraton, Hyderabad.

5. Attended MGNIRSA sponsored two days Seminar on "Recent advances in Biotechnology and Bioinformatics" on July 2007 at JNTU Conference Hall, JNTU, Mahaveer Marg, Hyderabad, A.P.

6. Attended two days National workshop on "Faculty Development" held on May 2007 at St. Stanley College of Engineering and Technology, Muthangi Medak(Dist). A.P.

7. Attended two days workshop on "Embedded Systems Design and Development" on September 2006 at Jyothi Engineering College, Patancheruvu, Hyderabad. A.P.

8. Attended MHRD GOVT of INDIA sponsored QIP four days short term programme on "Instructional Design and Delivery" held on May 2006 at Sree Vidyanikethan Engineering College, Tirupati, A.P.

9. Attended AICTE sponsored two days seminar on "Recent Trends in Bio-Medical Instrumentation and Applications" held on December 2005 at Sree Vidyanikethan Engineering College, Tirupati, A.P.

10. Attended AICTE sponsored two days seminar on "Network Security, Ethical Hacking and Cyber Attacks" held on April 2005 at Sree Vidyanikethan Engineering College, Tirupati, A.P.

11. Attended AICTE sponsored two days workshop on "Wireless Networks" held on December 2005 at SRM college of Engineering, Chennai, Tamil Nadu.

12. Attended AICTE sponsored two days workshop on "Network Security", held on October 2004 at Kongu college of Engineering, Erode, Tamil Nadu.

13. Attended AICTE sponsored three days Camp on "Entrepreneurship Awareness Camp" held on November 2004 at EDC, JNTU, Hyderabad.

14. Attended ISTE New Delhi sponsored two weeks workshop on "Fibre Optic Communication", held on April 1989 at Jayachamarajendra Engineering College, Mysore, Karnataka.

15. Attended UGC sponsored three days Seminar on "Advanced Microprocessors" held on May 1988 at JNTU College of Engg., Ananthapur, A.P.

Invited Lectures: Partial List

1. Given Invited Guest Lecture on "**Overview of Digital India**" for B.Tech students on 20- 07-2016 at Sidharha Institute of Technology, Hyderabad, Telengana.

2. Given an Invited lecture on "**Digital India**" on 12-02-2016 at RRS College of Engineering and Technology, Medak(Dt), Telengana.

3. Given an Invited lecture on "Digital India" on 12-12-2015 at KG Reddy College of Engineering, Ranga Reddy(Dt), Hyderabad, Telengana.

4. Given Invited Guest Lecture on "**Recent Advances in Computers and Software Technology**" for B.Tech Computer students on 21-08-2015 at Sidharha Institute of Technology, Hyderabad, Telengana

5. Given an Invited lecture on "**Software Testing Techniques**" on 18-03-2015 at RRS College of Engineering and Technology, Medak(Dt), Telengana

6. Given an Invited lecture on "**Software Testing Methods**" on 10-03-2014 at Brindavan Institute of Technology and Science, Kurnool, A. P,

7. Given an Invited lecture on "**Entrepreneurship Today**" on 15-02-2014 at TRR College of Engineering, Hyderabad, Telengana

8. Given an Invited lecture on "**Software Testing**" on 04-02-2014 in International Conference ICICI-2014, Hyderabad, Telengana

9. Given an Invited lecture on "**Software Testing**" on 13-08-2013 at TRR College of Engineering, Hyderabad,,

10. Given an Invited lecture on "**Software Quality**" on 04-09-2013 at Brindavan Institute of Technology and Science, Kurnool, A. P,

11. Given an Invited lecture on "**E-Governance in AP**" on 11-08-2012 at Brindavan Institute of Technology and Science, Kurnool, A. P,

12. Given an Invited lecture on "**ERP Mission Project**" on 20-01-2012 at TRR College of Engineering, Hyderabad,

13. Given an Invited lecture on "**E-Governance in AP Government**" on 28-01-2010 in International Conference ICICI-2014, Hyderabad,

Awards / Rewards Received:

1. Awarded "**Bharat Jothi**" from "International Integrity, Peace and Friendship Society", Bangalore, on April 2003 in Chennai.

2. Awarded **"Distinguished Official" from "Pentagram Research Centre (P) Ltd",** Hyderabad on January 2009 in International Conference on Systemic, Cybernetics and Informatics (ICSCI-2009) at MCRHRD, Hyderabad**.**

3. **"Jai Upadyaya Puraskar"** by Lions Club, Vijayawada on the occasion of Centennial Celebration(1917-2017) of Lions Club on 05-09-2017.

Memberships:

1. Life member of ISTE –**LM 81180.**

2. Life member of CSI – **I 1184035.**

Teaching Profile*:*

   1. B. Tech:

Programming, OOPs, Software Engineering, Computer Networks, Network Security, IT Workshop, Software Project Management, DBMS. EDC, PDC, AC and DC, Microwaves, Field Theory, Electromagnetic waves, Communication Engg, Computer Architecture

   2. M. Tech:

OOPs, Software Engineering, Computer Networks, Network Security, Software Project Management, DBMS.

References:
1. **Dr Prof. K. Sreenivasulu Naidu, Full time Member, AP Planning Commission, Vijayawada.**

2. **Dr Prof. A. Damodaram, Ex-Vice Chancellor, SV University, Tirupati.**

3. **Dr Prof. Y. Narasimhulu, Ex-Vice Chancellor, Rayalaseema University, Kurnool.**

Religion: Hindu

(Dr M. Ekambaram Naidu)

For each Faculty give a page

CE	https://www.srkit.in/Department-of-Civil.html
EEE	https://www.srkit.in/Department-of-EEE.html
ME	https://www.srkit.in/Department-of-Mech.html
ECE	https://www.srkit.in/Department-of-ECE.html
CSE	https://www.srkit.in/Department-of-CSE.html
IT	https://www.srkit.in/Department-of-It.html
BS&H	https://www.srkit.in/Department-of-hs.html
MBA	https://www.srkit.in/Department-of-MBA.html
MCA	https://www.srkit.in/Department-of-MCA.html

8. Fee

Details of Fee, as approved by State Fee Committee, for the Institution	Rs.35,000/- per Anum
Time schedule for payment of Fee for the entire Programme	June - July every year
No. of Fee waivers granted with amount and name of students	NIL
Number of scholarship offered by the Institution, duration and amount	NIL
Criteria for fee waivers/scholarship	-

9. Admission

	Academic Year: 2022-2023	
	CIV	60
	EEE	60
	MEC	60
Number of seats sanctioned with theyear of approval	ECE	120
	CSE	120
	INF	60
	CSM	60
	CSD	60
	Total	**600**

10. Admission Procedure

Menti on the admission test being followed, name and address of the Test Agency/State Admission Authorities and its URL(Website)	APEAPCET / APECET / APPGECET	
Number of seats allotted to different TestQualified candidate separately (AIEEE/ CET(State	APEAPCET	70%
	APECET	10% of Sanctioned Intake at
conducted test/ University tests/		Second Year
CMAT/GPAT)/Association conducted test etc.)	APPGECET	70%
Calendar for admission against Management/vacant seats:		
Last date of request for applications		
Last date of submission of applications		
Dates for announcing final results		

Release of admission list(main list and waiting list shall be announced on the same day)	
Date for acceptance by the candidate (time given shall in no case be less than 15 days)	**Institution is supposed to follow the time line for admissions as per Andhra Pradesh State Counsel of Higher Education(APSCHE) guidelines**
Last date for closing of admission	
Starting of the Academic session	
The waiting list shall be activated only on the expiry of date of main list	
The policy of refund of the fee, in case of withdrawal, shall be clearly notified	

11. Citeria and Weightages for Admission

☐ **70% Weightage for Category-A Admission**
☐ **30% Weightage for Category-B Admission**

Name of the Department	**Civil Engineering**		
Level	UG		
Last three years	2022-23	2021-22	2020-21
Number of seats	30	60	60
Duration	4 Years	4 Years	4 Years
Cutoff ~~marks~~/rank of admission during the last three years	1,35,941	-	1,23,329
Fee	35,000	35,000	35,000

Name of the Department	**Electrical & Electronics Engineering**		
Level	UG		
Last three years	2022-23	2021-22	2020-21
Number of seats	30	30	30
Duration	4 Years	4 Years	4 Years
Cutoff ~~marks~~/rank of admission during the last three years			
Fee	35,000	35,000	35,000

Name of the Department	**Mechanical Engineering**		
Level	UG		
Last three years	2022-23	2021-22	2020-21
Number of seats	60	60	60
Duration	4 Years	4 Years	4 Years
Cutoff ~~marks~~/rank of admission during the last three years	-	95,624	1,27,141
Fee	35,000	35,000	35,000

Name of the Department	**Electronics & Communication Engineering**		
Level	UG		
Last three years	2022-23	2021-22	2020-21
Number of seats	180	180	180
Duration	4 Years	4 Years	4 Years
Cutoff ~~marks~~/rank of admission during the last three years	1,73,036	1,34,120	1,27,412
Fee	35,000	35,000	35,000

Name of the Department	Computer Science & Engineering		
Level	UG		
Last three years	2022-23	2021-22	2020-21
Number of seats	180	180	180
Duration	4 Years	4 Years	4 Years
Cutoff ~~marks~~/rank of admission during the last three years	1,53,650	1,24,568	1,23,402
Fee	35,000	35,000	35,000

Name of the Department	Information Technology		
Level	UG		
Last three years	2022-23	2021-22	2020-21
Number of seats	120	60	60
Duration	4 Years	4 Years	4 Years
Cutoff ~~marks~~/rank of admission during the last three years	1,72,993	1,31,215	1,25,655
Fee	35,000	35,000	35,000

Name of the Department	Computer Science & Engineering(AI&ML)		
Level	UG		
Last three years	2022-23	2021-22	2020-21
Number of seats	60	60	60
Duration	4 Years	4 Years	
Cutoff ~~marks~~/rank of admission during the last three years	1,72,005	1,32,843	
Fee	35,000	35,000	35,000
Name of the Department	Computer Science & Engineering(DS)		
Level	UG		
Last three years	2022-23	2021-22	2020-21
Number of seats	60	60	60
Duration	4 Years	4 Years	4 Years
Cutoff ~~marks~~/rank of admission during the last three years			
Fee	35,000	35,000	35,000

Name of the Department	Computer Science & Engineering		
Level	PG		
Last three years	2022-23	2021-22	2020-21
Number of seats	18	18	18
Duration	2 Years	2 Years	2 Years
Cutoff ~~marks~~/rank of admission during the last three years			2,492
Fee	35,000	35,000	35,000

Name of theDepartment	Environmental Engineering		
Level	PG		
Last three years	2022-23	2021-22	2020-21
Number of seats	18	18	18
Duration	2 Years	2 Years	2 Years
Cutoff ~~marks~~/rank of admission during the last three years	12		971

Fee			35,000	35,000	35,000

12. List of Applicants

List of candidate whose applications have been received along with percentile/percentage score for each of the qualifying examination in separate categories for open seats. List of candidate who have applied along with percentage and percentile score for Management quota seats(merit wise).

Academic Year: 2022-23

S.No	Branch Code	Branch Name	Seats before CAT-B admissions	Seats filled in CAT-B admissions	Seats after CAT-B admissions
1	CIV	Civil Engineering	9	0	9
2	EEE	Electrical & Electronics Engineering	9	0	9
3	MEC	Mechanical Engineering	18	0	18
4	ECE	Electronics & Communication Engineering	54	35	19
5	CSE	Computer Science & Engineering	54	51	3
6	INF	Information Technology	36	32	4
7	CSM	Computer Science & Engineering (AI&ML)	36	27	9

13. Results of Admission under Management seats / vacant seats

➤ **Composition of selection team for admission under Management Quota with the brief profile of members (This information be made available in the public domain after the admission process is over)**

14. Information of Infrastructure and Other Resources Available

➤ **Infrastructure and Learning Resources:**

The state-of-art infrastructure augments learning environment is the significant concern of the institution. The Management of Institutions is generous in enhancing the infrastructure as and when needed which promotes a good teaching learning environment.

- Campus area of 46943.73 sq.m. and built-in area of 34156 sq.m. Sufficient number of class rooms and laboratories with all facilities as prescribed by AICTE/ affiliating university.

- Classrooms and Seminar Halls are equipped with ICT facilities.

- College and Hostels are Wi-Fi enabled.

- High speed Internet connection with 536 Mbps Leased Line.

- The college has licensed and open source software in various departments.

- The Library has a collection of 22369 Volumes and 2851 Titles and 90 print Journals, 5300+ E-journals, 350 E-Books and 171 Rare Books are available.

- Digital Library is equipped with 15 Systems; users can access e- resources like IEEE, J gate, ASTM Digital Library and DELNET.

- Faculty and students can access the facilities beyond the office working hours.

- Excellent power back up through Generators.

- Wide and spacious playground exclusively for boys and girls.

- Welfare schemes for staff and students.

- Excellent campus maintenance.

- Adequate financial allocations are made for internal maintenance work of all infrastructures and maintenance of Greenary.

➢ **Details of Classroom, Laboratories and other Facilities available atCollege:**

Particulars	Description	Total
Class Rooms	Good audiovisual conditioned, functionally designed classrooms with glass boards and LCD projection & Internet facility	35
Tutorial Rooms	Well equipped with green board and benches	13
Laboratories	Well-equipped with multiple sets of equipment	51
Workshop	Well-equipped in all respect to conduct workshop activities	1
Seminar Hall	Seating capacity 120 students with LCD projection and public addressing system and white board	5
Engineering Computing Centre	Equipped with latest Configuration Desktops and software	1
Drawing Hall	Equipped with drawing tables & glass board.	4
Library & Reading room	Equipped with digital library facility	6
Auditorium	Seating capacity 1000 students with LCD projection and public addressing system and white board	1

Occupancy Certificate

PROCEEDINGS OF THE METROPOLITAN COMMISSIONER

Amaravati Metropolitan Region Development Authority

Proceedings No.: BPS2019/KRI/VIJ/ENI/22510   **Dated :** 30/12/2020

Sub : Regulation and penalization of buildings constructed unauthorizedly and in deviation to the sanctioned plan – building bearing H.No./ Premises No. **3-44** of **ENIKEPADU,AMRDA,** – Penalisation Orders – Issued – Reg.

Ref : 1.BPS Application No **BPS2019/KRI/VIJ/ENI/22510** . dated: **02/04/2019** of Sri/Smt **SRK FOUNDATION SECRETARY OF BOYAPATI SRINIVASA SRI KRISHNA**

2.G.O.Ms.No.14,MA&UD(M) Dt:04-01-2019.

The Application submitted in the reference cited for Regulation and penalization of flat/building has been examined with reference to 'The Andhra Pradesh Regulation and Penalization of Buildings Constructed Unauthorizedly and In Deviation to the Sanctioned Plan Rules, 2019' and found to be in order. Hence the said flat/building is penalized and regulated as per the details given below. The building plans are attested and enclosed herewith.

S.No.	DETAILS		
1	**Name of the Applicant**		**SRK FOUNDATION SECRETARY OF BOYAPATI SRINIVASA SRI KRISHNA**
2	**Postal Address**		
a	Door No. / Plot No.		**32-9-15B**
b	Street		**OPP. PRATAP INDUSTRIES**
c	Locality		**MOGALRAJAPURAM**
d	City / Town / Village		**Vijayawada**
e	PIN		**520010**
f	Email-id		**srkfoundation@gmail.com**
g	Phone No.	Land Line	
		Mobile	**9866409999**
3	**DETAILS OF THE BUILDING APPROVED UNDER BPS**		
a	**Building Location**		
i	T.S./R.S./D./N.T.S. No.		**R.S / 153/2, 153/3, 153/4**
ii	LP/TP/RLP No.		
iii	Plot No.		
iv	Door No.		**3-44**
v	Street		**OPP. PRATAP INDUSTRIES**
vi	Locality		**ENIKEPADU**
vii	Village/Town/City		**AMRDA**
b	**Building Status**		**Building constructed in deviation of sanctioned plan**
c	**Building Details**		
i	Plot Area (in Sq. m)		**16895.64**
ii	No. of floors/flats /Height in (m).as per sanctioned plan		**5/14.90**
iii	No. of floors/flats /Height in (m) as on site.		**5/19.30**
iv	Total built up area of building/flat as per sanctioned plan (in Sq m / Sq. ft)		**27829.01**
v	Total built up area of building/flat as on site (in Sq m / Sq. ft)		**27829.01**
vi	Area constructed in-deviation to sanctioned plan (in Sq m / Sq. ft)		**0.00**
viii	Built-up area Regularized		**1750.72**
ix	Total Built-up area Regularized		**1750.72**
d	**Road Access Details**		
i	Existing road width of abutting road (m)		**9.00**
ii	Proposed road width of abutting road as per Master Plan / Zonal Development Plan / Road Development Plan (m)		**9.00**
iii	Affected area in the road widening (m)		**0.00**

iv	Whether site is getting affected in road widening	NO		
e	**Building Usage**	**Institutional**		
f	**PENALIZATION CHARGES**			
I	Total penalization charges paid	**3316679.00**		
		THIRTY THREE LAKHS SIXTEEN THOUSAND SIX HUNDRED AND SEVENTY NINE		

Online Remittance Number	Amount (in Rs.)	Date	Payment Type
980CFDC92F951A840982	10000.00	02/04/2019	Credit / Debit Card
02318CE9B047DD3D1E9F	3306679.00	29/12/2020	Pay U Money

1) This proceedings itself shall be treated as Occupancy Certificate

2) Further all proceedings and action of enforcement initiated and contemplated against the said building are withdrawn.

3) Applicant is responsible and liable to pay any shortfall of amount payable to ULB/UDA.

Encl: BPS Building Plan

To:
Sri/Smt. SRK FOUNDATION SECRETARY OF BOYAPATI SRINIVASA SRI KRISHNA
32-9-15B
MOGALRAJAPURAM
Vijayawada
520010

For Metropolitan Commissioner
Amaravati Metropolitan Region Development Authority

This is system generated report and does not require any signature. For further confirmation/authenticity anyone can access the department website i.e www.bps.ap.gov.in with file number

➢ Fire and Safety Certificate

Government of Andhra Pradesh

A.P. State Disaster Response and Fire Services Department

Annual Periodical Renewal Fire Certificate

From:	To:
Director	APCRDA,
State Disaster Response & Fire Services	AP CRDA, Lenin Center, Vijayawada,
Andhra Pradesh, Vijayawada.	Krishna District.

File No: 11049/KRI/MSB/2019, Date:10/03/2020

Occupancy NoC RC Number: 3316/KRI/MSB/2018

Sub: Andhra Pradesh State Disaster Response and Fire Services Department - Annual Periodical Fire Certificate to the constructed Multi Storeyed Building of **SRK INSTITUTE OF TECHNOLOGY, represented by Mr.B.S.APPARAO, IN R.S.N o: 153, AT ENIKEPADU, VIJAYAWADA, KRISHNA DISTRICT -** Regarding.

Ref:
1. G.O.Ms.NO.71 Home (Prisons-A) Department, Dated.01-04-2010 & G.O.Ms.NO.140 Home(Prison & Fire Services) Department, Dt.04-09-2015.
2. This Office Delegation of Powers Rc.No.3350/Audit/NOC/2012, Dated.09-03-2017.
3. This Office NOC for Occupancy Rc No. 3316/KRI/MSB/2018, Dt.24/07/2018
4. Renewal NOC For Occupancy 3316/KRI/MSB/2018, Dt.24/07/2018
5. Online Application for Renewal NOC of Mr.B.S.APPARAO, IN R.S.N o: 153, AT ENIKEPADU, VIJAYAWADA, KRISHNA DISTRICT - Inspection report called for Regarding.
6. Online Inspection Report submitted by Officers of this Department on 28-02-2020.

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The Management of SRK INSTITUTE OF TECHNOLOGY, represented by Mr.B.S.APPARAO, IN R.S.N o: 153, AT ENIKEPADU, VIJAYAWADA, KRISHNA DISTRICT has requested to issue Annual Periodical Fire Certificate for period 2019-2024 duly remitting the Fire Precautionary fee for Rs.370380/- vide challan No. 31268449652019, 31297011722019 and 31341635862019 Dated 15/02/2020 at CFMS, VIJAYAWADA.

SRK INSTITUTE OF TECHNOLOGY

1. This certificate is being issued as per G.O.Ms.No 140 Home (prisons & Fire Services) Department, Dt: 04.09.2015.

2. The No Objection Certificate for Occupancy was issued vide reference cited (3) and the Management has also obtained Annual Periodical Renewal Fire Certificate for vide reference 4th cited to the constructed Multi Storeyed Building.

3. The Officers of the department have recommended to issue The Annual Periodical Renewal Fire Certificate **Mr.B.S.APPARAO IN R.S.N o: 153, AT ENIKEPADU, VIJAYAWADA, KRISHNA DISTRICT,** subject to the following conditions.

Sl	As Builder	As Occupant	As Security Personnel
1	All the fire protection arrangements shall be maintained in good condition as seen during inspection.	All the escape/exit routes shall not be kept locked/blocked or encroached	All the occupants must know the correct method of operation of the fire fighting system installed.
2	Any loss of life or property due to non-functioning of fire safety measures and other installations shall be the responsibilities of the management.	All occupants shall be trained to operate the fire safety equipments during emergency.	Mock drills should be conducted once in 3 months for initial two years. Thereafter, once in every 6 months.

| 3 | Addition / alteration, if any in the building may be verified by building authority. | Mock drills should be conducted once in 3 months for initial two years. Thereafter, once in every 6 months. | All security personnel shall be trained to operate the fire safety equipments during emergency. |
| 4 | This is Only for Fire Safety Point of View. | Raise the alarm if the fire cannot be controlled; Evacuate the area completely at once with nearest safe exit. | Attack the fire using available fire equipment only if you feel capable of controlling. If not, take all steps to isolate the area by closing doors and windows. |

4. This Annual Periodical Renewal Fire Certificate is valid from 24/07/2019 to 23/07/2024.

5. The Responsibility/liability of the owner/occupier or both to maintain Fire safety measures in good condition in all times, in accordance with AP Fire safety Act 1999 and Rules, 2006.

The following deficiencies are identified by the officers of the department and needs to be attended to by the management.

Recommended:

1. This Renewal NOC is issued from Fire Safety Point of view only basing on recommendation of the inspection Committee and this Renewal NOC is not for claiming proprietary or ownership rights. Further, in case of any deviation noticed with respect to this Renewal NOC after issuance of this Renewal NOC, the same Renewal NOC shall be liable for cancellation at any time.

2. This Renewal NOC is valid for Five years only and It is the responsibility of the Builder/Owner to apply for renewal of No Objection certificate, duly remitting the user charges as per G.O.Ms.No.169, Home (Prisons & Fire Service) Department. Dt. 19-12-2019. two months before expire of this No Objection Certificate.

3. The occupier/Owner /Builder/Management concerned of the building premises, shall maintain the Fire Prevention and Fire Safety Measures provided by the building as per Occupancy NOC at all times for good use by the Occupant (or) Members of Fire Services (or) Both in the event of outbreak of Fire.

4. The Renewal NOC issued based on Inspection Committee report.

11049/KRI/MSB/2019

Your Sincerely,

Director
State Disaster Response & Fire Services
Andhra Pradesh, Vijayawada.

Copy to Mr.B.S.APPARAO, M/S SRK Institute Of Technology, R.S.NO: 153, Enikepadu, Vijayawada, Krishna District.
Copy to Chief Office for Record Purpose
Copy to Regional Fire Officer Concerned
Copy to District Fire Officer Concerned
Copy to Assistant District Fire Officer Concerned

➢ Central Library Facilities

The Central Library of the SRKIT Institute of Engineering & Technology was established in its inception year of 2009. It is fully automated with a rich collection of Books, National and International Journals, Technical and other Magazines, CD ROMs on different engineering subjects. This Library follows open access system; student & faculty library card based circulation process and OPAC (Online Public Access Catalogue) Literature Search. The central Library in the college provides facilities to edify the research for faculty /students for seeding research work. The following are the facilities provided:

1.	Carpet area of library (in sq.m)	1248.6
2.	Reading space (in sq.m)	875.5
3.	Number of seats in reading space	250
4.	Number of users (issue book) per day	82
5.	Number of users (reading space) per day	100 to 130
6.	Timings: During working day, weekend and Vacation	8:00AM to 8:00PM, 9:00AM to 12:30PM
7.	Number of library staff	3
8.	Number of library staff with a degree in Library	3
9	Library Management	Yes
10	Computerization for search, indexing	Yes
11	Issue/return records bar coding used	Yes
12	Library services on Internet/Intranet INDEST or other similar membership archives	Yes
13	Library Hand book	https://www.srkit.in/Library.html

Library Automation

Central Library is Fully Automated using E-CAP Software and OPAC (Online Public Access Catalogue) which is used by students & faculty to search books by title/ author name etc. All the work related to issue and return has been computerized. All books are bar-coded. E-CAP Software is a totally integrated software package encompassing all aspects of library management.

- ✓ Name of the ILMS Software: **ECAP**
- ✓ Nature of automation: **Fully**
- ✓ Version: **3.5**
- ✓ Year of automation: **2017-18**

- The College Central Library is an Institutional member of DELNET. It provides web access to 1, 21, 08,793 records and 1, 30,753 Theses and Dissertations, 1613 E-Books. It is connected with 2196 Libraries.

- Access to these – resources / NPTEL

Collection of books, Journals and e- sources:

The Library has a collection of **23086** Volumes and **3665** Titles and 90 print Journals, **10138 Plus** E-journals, 366 + 1500 e-books of American society for testing material are available. Foreign Author

bookssuch as espinger Cambridge University press are maintained.

Rare Books: The Central Library holds about 171 Books in its Rare Book Collection. It includes the Documents on Indian constitution, Ancient Indian Culture, Religions and subjects like Astronomy, Economy, Literature and Science & Technology etc.

Reference Books: Central Library has 4514 reference books as a Collection of Dictionaries, Encyclopedia, Handbooks, Scientific and Biographies of National Leaders, Personality Development, Competitive Exam Books.

S.No	Course	Branch	No of Volumes	No of Titles	No of Print Journals	No of E-Journals
1	B.Tech	CSE	4198	910	14	2,051
2	B.Tech	ECE	4534	948	14	2,010
3	B.Tech	EEE	2251	566	11	101
4	B.Tech	ME	4125	763	15	961
5	B.Tech	CE	2266	537	14	565
6	B.Tech	IT	303	52	0	1200
7	B.Tech	BS&H	4146	538	14	3,264
8	M.Tech	CSE	147	34	5	
9	M.Tech	VLSI	140	38	6	
10	M.Tech	Automobile Engg				
11	M.Tech	Environment Engg				
Total			**23,144**	**4,574**	**93**	**10,152**

Branch wise Distribution of books, Journals and e- sources

Scholarly Journals

Details		2018-19	2017-2018	2016-2017	2015-2016	2014-2015
Engineering & Technology	As Soft Copy	10,612	9,398	2,478	1615	1436
	As Hard Copy	92	90	76	74	72

Digital Library

National Digital Library of India: Ministry of Human Resource Development (MHRD) under its National Mission on Education through Information and Communication Technology (NMEICT) has initiated the National Digital Library of India (NDL India) the SRKIT Central Library is an Institutional Member in NDL.

NDL providing 7 Lakhs Books, 95000 Theses 78,000 Videos and 262 Audios available.

DELNET: Our Institute membership of Developing Library Network (DELNET) which offers inter library loan & Document Delivery Services and Providing Access to more than 2,28,45,202 Books & 37,847 Journals, 22,234 CD-ROMs and also a 81,074 Theses, 6,000 Video Recordings available and 5940 Libraries member in DELNET.

Availability of digital library content:	ECAP
Number of e-books, etc. :	366
Availability of an exclusive server :	Yes
Availability over Intranet/Internet :	46Mbps
Availability of exclusive space/room :	225
No of systems available in digital library to access all e-resources and video streaming e-learning program	15
Number of users per day	85 to 90

Digital Library
E-journal Subscriptions

The Institute subscribes for the electronic journals/ magazines from IEEE, ASCE, and SPRINGER& J- GATE every year. The resources are being used by staff for research work and by students for their project works.

Branch	No. of E-Journals
CIVIL	ASCE: 37, J-Gate: 494
EEE	IEEE: 14, J-Gate: 226
MECH	Springer: 49, J-Gate: 788
ECE	IEEE: 77, J-Gate: 1574
CSE	IEEE: 78, J-Gate: 3377
S&H	J-Gate: 2939
Total	**9,398**

Branch wise Distribution of E-Journals

E-Shodh Sindhu Subscription : Institution is a member in which facilitates to access current as well as 1500 arches core and peer review journals and a number of bibliography , citation and factual databases in different disciplines from a large number of institutions and a large number of publishers.

Library expenditure on books, magazines/journals, and miscellaneous content

Year of Expenditure	Expenditure on the purchase of books (INR in lakhs)	Expenditure on the purchase of Journals (INR in lakhs)	Expenditure on subscription to e-journals and other e-resources (INR in lakhs)	Total Expenditure
2018-19	2,12,083	14,458	6,96,124	9,22,665
2017-18	10,13,497	10,491	11,96,266	22,20,254
2016-17	4,64,075	2,43,615	8,81,436	15,89,126

Library expenditure on books, magazines/journals

❖ **New Labs/Infrastructure Developed:**
   The following new Laboratory /Infrastructure have been established based on curricular changes, aging, Technological obsolescence and requirements of additional skill development laboratories since 2017-18.

❖ List of Major Equipment / Facilities in each Laboratory / Workshop

Course- Civil		Equipment Name
Surveying Lab		
	1	Measuring tapes(disposed)
	2	Metallic tapes
	3	Ranging rods
	4	Cross staff wooden
	5	Optical square(broken)
	6	Plane table with complete acceseries
	7	Plani meter(broken)
	8	Vernier theodolite 10 sec errect with box and alluminium tripod stand
	9	Dumpy level errect image with box alluminium stand
	10	Auto level with case of alluminium stand
	11	Brass prismatic compass 100mm with case alluminium stand
	12	Aluminium levelling staff 4m long
	13	Total station pentax auto focus model V 227N
	14	AUTO level with case of alluminium stand
Transportation Engineering-Lab		
	1	CRUSHING VAUE APPARATUS
	2	AGGREGATE IMAPCT APPARATUS
	3	PYCNOMETER
	4	LENGTH AND ELONGATION GAUGES
	5	BITUMEN PENETRATION TEST APPARATUS
	6	RING AND BALL APPPARATUS
	7	LOS ANGELS ABRASION TESTING MACHINE
	8	DUCTILITY TESTING MACHINE
	9	SOFTNEINGT POINT TEST APPARATUS
	10	MARSHAL STABILITY TESTING MACHINE
	11	**FLASH AND FIRE POINT TEST APPARATUS**
	12	VISCOSITY TEST APPARATUS
	13	PENSKEY MARTIN APPARATUS (NOT WORKING)
	14	SIEVES SET(125mm TO 4.75mm)
	15	RING AND BALL APPARATUS
	16	WEIGHING BALANCE 300KG
Geo-Technical Engineering Lab		
	1	CBR Apparatus
	2	Universal Permeability Apparatus
	3	Heavy Compaction Apparatus
	4	Direct Shear Appratus
	5	Unconfined Compression T est
	6	Consolidation Apparatus
	7	Cone Penetrometer
	8	Hydrometer
	9	Density Bottels

10	Pycnometer
11	Moisture Containers
12	Sand Pouring Cylinders
13	Electronic Weighing Scale
14	Core Cutter with Dolly and Hammer
15	Sampline OutFit
16	Measuring Jars (1000ml)
17	Measuring Jars (100ml)
18	Sieves 2mm, 0.425mm
19	Sieves 4.75, 2.36, 1.18, 0.600, 0.300, 0.15, 0.75, Lid & Pan
20	Sieves 0.425, 0.090, 0.075mm
21	Casagranda Liquid Apparatus
22	Dessicator
23	Hot Air Oven
24	Plastic Limit Apparatus
25	Sieve Shaker
26	Shrinkage Limit Apparatus
27	Physical Balance
28	Light Compaction Apparatus
29	50kN proving ring 5mm dial gauge with calibration
30	Heavy Compaction Apparatus
31	25mm Dial Guage
32	Hydrometer
33	Pycnometer(1000ml)
34	Pycnometer(150ml)
35	Corecutter with Dolly & Hammer
36	Sieves(4.75mm,2.36mm,1.18mm,0.6mm,0.425mm,0.3mm,0.150mm,0.075mm)
37	Sieves(3.35mm,2mm,1mm,0.85mm,0.212mm,0.180mm,0.063mm,0.053mm)
38	Casagrande's Liquid Limit Apparatus
39	25mm Dial Guage
40	Proving ring of 2.5kN for Direct shear test

Concrete Technology Lab	
1	Light Compaction Apparatus
2	Set of sieves (125mm to4.75mm)
3	Cube moulds(15*15*15)cm
4	Vicat needle apparatus with dash pot
5	Lechatlier mould(disposed)
6	Vee-Bee consistometer
7	Slump-test apparaturs
8	Glacing trowel
9	Standard spatulla
10	NDT test hammer
11	Cube moulds(7*7*7)cm
12	Flat form weighing scale capacity(60kg)
13	precission balance 600gm capacity(not working)
14	Measuring jars capacity 1000ml,500ml,250ml,100ml(broken and disposed)
15	Measuring cylinders 1 litre, 5liter capacity
16	Tamping rods
17	Specific gravity bottle 50ml capacity(broken and disposed)

	18	China dish
	19	Stop clock(not working)
	20	Digital stop watch(not working)
	21	Vicat needle apparaturs with dash pot
	22	Specific gravity bottle 50ml capacity(broken and disposed)
	23	Cylindrical moulds(15*30)cm
	24	Beam moulds(15*15*70)cm
	25	Cube moulds(10*10*10)cm
	26	Cube moulds(10*10*10)cm
	27	Specific gravity bottle 50ml capacity(broken and disposed)
	28	Steam curing tank
	29	Rebound hammer
	30	Concrete mixer motorized
	31	Specific gravity bottle 25ml capacity
	32	Brass sieve 90 micron
	33	Trowel,renches and hand glowser
Strength of Materials Lab		
	1	Compression Testing Machine 200T
	2	Universal Testing machine 40T
	3	Impact testing machine
	4	Torsion testing machine
	5	Brinnels Hardness testing machine
	6	Vernier callipers 150mm size
	7	Magnetic base with dial gauge(disposed)
	8	Dail gauge
	9	Magnetic stand
Fluid Mechanics & Hydraulics Lab		
	1	single centrifugal pump test rig with ss tank
	2	multi centrifugal pump test rig with ss tank
	3	pelton wheel turbine test rig with ss tank
	4	franics turbine test rig with ss tank
	5	jet vane apparatus test rig with ss tank
	6	bernoullis theorem apparatus with ss tank
	7	reynolds apparatus test with ss tank
	8	notch tank apparatus test with ss tank
	9	orifice and mouth piece tank apparatus with ss tank
	10	venturimeter and orificemeter test rig
	11	pipe friction apparatus
	12	losses in bends and elbows apparatus with ss tank
	13	open channel apparatus with ss tank
	14	pitot tube apparatus with ss tank
Engineering Geology Lab		
	1	MINERALS
	2	ROCKS

3	MOHS SCALE OF HARDNESS BOXES
4	COLLECTION OF SPECIMENS SHOWING CLEAVAGE
5	COLLECTION OF MINERALS SHOWING ELECTRICITY AND MAGNETISM
6	STREAK PLATES
Environmental Engineering lab	
1	DIGITAL Ph METER
2	DIGITAL CONDUCTIVITY METER
3	DIGITAL DO METER
4	DIGITAL TURBIDITY METER
5	VISIBLE SPECTRO PHOTO METER
6	DISTILLED WATER PLANT
7	DIGITAL DO METER

Course	Name of the Laboratory / Workshop	Major Equipments
ME	PRODUCTION TECHNOLOGY LAB	1. WOOD TURNING LATHE
		2. SPOT WELDING MACHINE
		3. INJECTION MOULDING MACHINE
		4. BLOW MOULDING MACHINE
		5. FLY PRESS
		6. SAND PERMEABILITY EQUIPMENT
		7. TILTING CRUCIBLE FURNACE
	THERMAL ENGINEERING LAB	1.4-STROKE DIESEL ENGINE COMPUTERISED
		2.4-STROKE PETROL ENGINE FOR VARIABLE COMPRESSSION
		3.MULTI CYLINDER PETROL ENGINE- MORSE TEST
		4.TWO STAGE AIR COMPRESSOR
		5.CUT SECTION 4-STROKE SINGLE CYLINDER DIESEL ENGINE
		6.CUT SECTION OF 2-STROKE SIGLE CYLIDER PETROL ENGINE
		7.BOBCOCK &WILCOX BOILER,
		8.LOCOMOTIVE BOILER
		9. 4-STROKE DIESEL ENGINE FOR RETARDATION TEST
	ADVANCED MANUFACTURING TECHNOLOGY LAB	1. FLEX TURN CNC LATHE MACHINE
		2. FLEX MILL CNC LATHE MACHINE
		3. GANTRY TYPE LOADING/UNLOADING ARM (TURNING AND MILLING)
		4. AUTOMATIC STORAGE AND RETRIVAL SYSTEM(ASRS)
		5. AUTOMATIC GUIDED VECHICLE (AGV)
	METALLURGY LAB	1. BINACULAR MICROSCPE
		2. TRINACULAR MICRO SCOPE
		3. DIGITAL CAMARA
		4. DUAL DISC POLISHER
		5. HYDRAULIC SPECXIMEN MOUNTING PRESS
		6. MUFFLE FURNACE
		7. JOMINY END QUENCH TEST RIG
	HEAT TRANSFER LAB	1. STEFAN BPLTZMANN
		2. LAGGED PIPE
		3. HEAT TRANSFER BY NATURAL CONVECTION
		4. EMISSIVITY
		5. THERMAL CONDUCTIVITY OF INSULATING POWDER
		6. HEAT TRANSFER BY FORCED CONVECTION
		7. CRITICAL HEAT FLUX
		8. THERMAL CONDUCTIVITY OF METAL ROD
		9. COMPOSITE SLAB
		10. PARALLEL FLOW/COUNTER FLOW HEAT EXCHANGERS
		11. PIN-FIN APPARATUS
		12. DROP WISE & FILM WISE CONDENSATION
	MACHINE TOOLS LAB	1.LATHE
		2. SURFACE GRINDING MACHINE
		3. SHAPING MACHINE
		4. DRILLING MACHINE
		5.MILLING MACHINE
	ENGINEERING WORKSHOP LAB	1.BENCH VICE
		2.CARPENTRY VICES
		11.BALL PEEN HAMMER (600 gms)
		12. BALL PEEN HAMMER (1200 gms)
		13. HALF ROUND FILES (8 INCHES) (ROUGH)
		14. HALF ROUND FILES (8 INCHES) (SMOOTH)
		15. SQUARE FILES (6 INCHES)

		16. SPANNER SET (12X12)
		17. NUMBER PUNCHES (1/8 INCHES)
		18. MICRO METER
		19. OUTSIDE CALIPERS
		20. INSIDE CALIPERS
	METROLOGY & INSTRUMENTATION LAB	VERNIER CALIPER
		0-300 DIGITAL CALIPER
		200 MM SINBAR
		INSIDE MICROMETER
		GEAR TOOTH VERNIER CALIPER
		SLIPGAUGE BOX
		VERNIER DEPTH GAUGE
		PRESSURE MEASUREMENT TRAINING MODULE
		TEMPARATURE MEASUREMENT TRAINING MODULE
		LVDT TRAINER
		STRAIN MEASUREMENT TRAINING MODULE
		CAPACITOR TRAINER MODULE
		SPEED MEASUREMENT TRAINER MODULE
		ROTOMETER TRAINER MODULE
	THEORY OF MACHINES LAB	Whrling of Shaft Apperatus
		Universal Governer Apparatus
		Motorised Gyroscope
		Spring Mass System
		Dynamic Balancing
		Moment of Inertia of Flywheel
		Cam Analysis Machine
	MECHATRONICS LAB	Transducer Trainer Kit
		PLC Programming
		a) . Traffic Light Controller Module
		b) Water Level Controller Module

		c).Lift Module, replica of original lift
		AutoSim Simulation Software (Simulation of Pneumatics,
	CAD/CAM LAB	LENOVO-CORE I3 2140
		HP CORE I3 6200 4160
CSE	UML Lab	Area: 30/71.3 5sqm ItemName:Desktops Lenova 20Nos Lenovo Desktop-M58-7298B1, core 2 Duo 293GHz,160 GB HDD, 4GBRAM,Lenovo Keyboard, optical 2 Button scroll mouse ItemName:Desktops HP 10Nos HP Pro 6090MT Bussines,Processor 2.93/2GB/320 GB HDD,HP Keyboard,optical 2 Button Scroll Mouse,Hp Monitor 17"-EM886AA Cisco SG300-28 24port switch 1Nos
		PCs with internet,Chairs, tables, lights, fans, Wall mounted LCD Projector, Fire Extinguisher , Air Conditioners
		Area: 40/76.9 3sqm Item Name: Desktops Lenovo 20Nos Desktop-M58-7298B13, core 2 Duo 293GHz,160 GB HDD, 4GB

CSE	CN Lab	RAM,Lenovo Keyboard, Optical 2 Button scroll mouse
		Item Name: Desktops HP 20Nos
		HP Pro 6090MT Bussines, Processor 2.93/2GB/320 GB HDD, HP Keyboard,optical 2 Button Scroll Mouse, Hp Monitor 17"-EM886AA
		Cisco SG300-28 24port switch 1Nos 20KV Numeric UPS 1Nos 65AH Batteries 20Nos
		PCs with internet,Chairs, tables, lights, fans, Air Conditioners
CSE	Programming Lab	Area:30/7 4.71sqm Item Name: Desktops Lenovo 20Nos Desktop-M58-7298B13, core 2 Duo 293GHz, 160 GB HDD, 4GB RAM,Leno vo Keyboard, Optical 2 Button scroll mouse
		HP Core i3- 10Nos 6200@3.6,4GB RAM,500GB HDD,HP Keyboard,OpticalMouse with two Buttons,DOS OS 3 years On-site warranty,HP 17" Monitor
		Cisco SG300-28 24port switch

		PCs with internet,Chairs, tables, lights, fans, Wall mounted LCD Projector, Fire Extinguisher, Air Conditioners

EEE Lab Equipment details:

EEE	Control System Lab	Linear System Simulator
		Characterstics of synchros
		Effect of PID Controller
		Lag &Lead Compensation
		Temperature Controller using PID
		Magnetic Amplifier
		AC Servomotor
		DC Position control system
		a)Motor with brake drum
		b)Rotor angle control
		Programmable Logic Controller Kit
	Electrical Circuits Lab	3 1\2 digital multimeters
		Cathode Ray Oscilloscope
		Function Generator
		Regulated Power Supplies
		Series &Parallel reasonance
		Two-Port network parameters
		Maximum Power Transformer Therom
		Super Position therom
		Transient response of an RlC Circuit
		Super position therom
		Compensation therom
		Reciprocity therom
		Maximum power transformer therom
		Thevenin's, therom
		Milliman's therom
	Power Electronics Lab	Gate Firing Circuits
		(a)R & RC Firing Circuit
		(b) UJT Firing Circuit
		(c)1-Ø converter firing unit
		Single Phase Parallel Inverter
		(a)Dc Regulated Power Supply

		(b)R-Load
		(c)L-Load
		Single Phase Bridge Inverter
		(a)1-Ø Mc Murrey Bedford Inverter Kit
		(b)Firing Circuit
		(c) R-Load
		(d) L-Load
		Chopper Controlled DC Motor Kit
		(a)DC Chopper firing unit
		(b)0.5 hp, 1500rpm, 20v, dc motor
		1- Ø AC Voltage Controller Kit
		(a)R-Load 50Ω/2A
		(b)L-Load 250mH/2A
		1-Ø Series Inverter Kit
		(a)R-Load 50 Ω/2A
		(b)L-Load 250mH/2A
		1-Ø Cyclo Converter
		(a)R-Load 50Ω/2A
		(b)L-Load 250mH/2A
		(c) Current transformer with Tapping
		Forced Commutation Circuit
		(a)R-Load 50Ω/2A
		Characteristics of SCR, TRAIC,DIAC
		1-Ø Full Controlled Bridge Converter
		(a)R-Load 150Ω/5A
		(b)L-Load 250mH/2A
		(c) 1- Ø Isolation transformer with tapings 230V/5A
		(d) 1- Ø Converter Firing Circuit
		1-Ø Half Controlled Converter
		(a)R-Load 150Ω/5A
		(b)L-Load 250mH/2A
		(c) 1- Ø Isolation transformer with tapings 230V/5A
		(d) 1- Ø Converter Firing Circuit
		3- Half Controlled Converter
		(a)R-Load 150Ω/5A

		(b)L-Load 250mH/2A
		(c) 3- Ø Isolation transformer with tapings 440V/5A
		(d) 3- Ø Converter Firing Circuit
		CRO's
		CRO's
		3- Ø Full Converter with R & RL load
		(a) 3- Ø converter firing circuit
		(b) 3- Ø Full Converter power Circuit 440V/5A
		(c) 3- Ø Isolation transformer with tapings 440V/5A
		(d) 3- Ø Converter Firing Circuit
		1- Ø Dual Converter
		Boost Converter
		Buck Converter
		1- Ø PWM Inverter 500VA with 12V,28AH Battery
	Electrical Simulation Lab	HP Desktop system Inte core T3@3.66Hz 4GB RAM/500 GB HOD 17" monitor, 104 key board,USB Optical mouse 1-30
	Electrical Measurements Lab	Kelvin Double Bridge
		Anderson Bridge
		Schering Bridge
		3-phase Inductive Load
		10/1 ratio current Transformer
		Precision Transformer
		3-phase Shifting Transformer
		DC Crompton Potentiometers
		Volt Ratio Box
		Standard Cell
		2V Battery
		10 bulbs lamp load
		3-phase variac 0-415V 1460V,10A
		Description of Equipment

		10AC Current Source
		Resistance Strain
		1-phase Inductive Load
		Power Factor Meter
		Sensitive Galvanometer
		0-300V AC Digital Meter
		0-300V AC Digital Meter
		0-10/20A DC DigitalAmmter
		0-150/300V MI Voltmeter
		0-300/600V MI Voltmeter
		0-10A MI Ammeter
		0-5/10A MI Ammeter
		UPF Wattmeter 600V,10A
		UPF Wattmeter 75/150V,5/10AMP
		Description of Equipment
		UPF Wattmeter 300/600V,5/10AMP
		LDF Wattmeter 150/300/600V,5/10AMP
		LVDT
	Power Systems Lab	Power Angle Characteristics of 3-phase Alternator 1) Panel 1 2) Panel 2 3) 3phase alternator 4) Digital meter tachometer(stroboscope) 5) Rheostate 1.7A/300 6) Tachometer
		Sequence Impedance of Alternator by Fault Analysis 1) Panel 1 2) 3phase Alternator 3) Rheostate 1.7A/300 4) Tachometer
		Sequence Impedance of 3phase Transformer. 1) panel 1 2) 3phase Auto Transformer

		Calibration of Tong-tester
		1) Panel
		2) Tong tester meter
		ABCD Parameters 1)Panel
		Transformer oil Test

ECE Lab Equipment details:

Course-Electronics and Communication Engineering	Equipment Name
Microwave and Optical Communication Lab	
1	Microwave Test Bench
2	Microwave Test Bench With Gunn Based
3	Dual Trace CRO
4	Optical Fiber Experiment Kits
5	Microwave Descrete Componets
6	VSWR meters
LICA Lab	
1	Dual Trace CRO
2	Function Generators
3	Regulated Power Supplies
4	Descrete Components
5	Digital Multimeters
6	Analog IC Tester
Analog/Digital Communications Lab	
1	Digital storage Oscilloscope
2	Dual Trace CRO
3	Experimental Kits
4	Function Generators
5	Descrete Components
6	Digital Multimeters
EDC/ECA Lab	
1	Dual Trace CRO
2	Function Generators
3	Regulated Power Supplies
4	Descrete Components
5	Digital Multimeters

	Micro Processors and Microcontrollers Lab	
1	HCL Desk Top 8086 Kits	
2	8051 Kits	
3	Interfacing Kits	
4	Dual-Trace CRO	
	Digital Signal Processing Lab	
1	DSP Starter Kits TNS320C6713	
2	Dual Trace CRO	
3	HP Desk Top systems	
	VLSI Lab	
1	DELL MT 5050 Desk Top Systems	
2	Xilinx Vivado Software	
3	Mentor Back-end HEP1	
4	Mentor Back-end HEP2	
5	Zybo Boards	
6	Nexys 4 DDR FPGA Board	
7	FPGA / CPLD Boards	
	STLD Lab	
1	Experimental Kits	
	Advanced Communication Lab (PG)	
1	HP DESK TOP	
2	MATLAB Software	
3	Simulink	
4	Communication Toolbox	
5	Signal Processing Toolbox	
6	DSP System Toolbox	
	Hard Ware Projects Lab	
1	Dual Trace CRO	
2	Regulated Power Supplies	
3	Descrete Components	
4	DELL MT 5050 Desk Top Systems	

IT LAB'S

UNIFIED MODELING LANGUAGE LAB-1	**Item Names** Desktops Make: HP Pro 3090 MT UPS: 7 KVA UPS Tables: 9 Staff chairs: 6 Fans: 8 Lights: 6 Air conditioners: 2 Student Chairs: 30 Display Boards: 1 Scientist portrait details: 0 First Aid Box : 0 Fire Extinguishers: 0 White Board with Stand: 1
FREE AND OPEN SOURCES OPERATING LAB-2	**Item Names** Desktops Make: HP Pro 3090 MT UPS: 7 KVA UPS Tables: 20 Staff chairs: 1 Fans: 8 Lights: 6 Air conditioners: 1 Student Chairs: 40 Display Boards: 0 Scientist portrait details: 0 First Aid Box : 0 Fire Extinguishers: 1
JAVA PROGRAMMING LAB-3	**Item Names** Desktops Make UPS: 6 KVA UPS Tables: 14 Staff chairs: 3 Fans: 4 Lights: 3 Air conditioners: 2 Student Chairs: 25 Display Boards: 0 Scientist portrait details: 0 First Aid Box : 0 Fire Extinguishers: 1

MBA	IT LAB(TALLY and R Programing lab)	DESK TOP **Make: AOC 17 Inches Monitors 30** **Server: HP Core i3-416@3.6,8GB**

		RAM,500GB HDP,DOS-05 TABLE STUDENT CHAIRS AIR CONDITIONER FANS LCD PROJECTOR WHITE BOARD WITH STAND FIRE EXTINGUISHER

- ➢ **Computing Facilities**

- ❖ **Internet Facility:**

All the department final year classrooms, faculty rooms, seminar hall, software related laboratories are Wi-Fi enabled and are fully equipped with ICT facilities and all other class rooms are provided with networking facility. Department is provided with High speed Internet connection with **536 Mbps** Leased Line. The faculty members and students utilize the National Program of Technology Enhanced Learning (NPTEL) and NDL by downloading the Lecture notes and video lectures given by the IIT Professors in nurturing their course. The modern multimedia teaching aids other than chalk and talk such as OHP and LCD projectors are used in teaching.

Name of the Internet Service Provider	**MYGURU ONLINE INDIA PRIVATE LIMITED, ATRIA CONVERGENCE TECHNOLOGIES LIMITED**
Available bandwidth	**ACT-500Mbps,MyGuru -125Mbps**
Wi Fi availability	**Yes**
Internet access in Labs, Classrooms, Library and Offices of all Departments	**Yes**
Security arrangements	**Yes**

Institution frequently updates its IT facilities including Wi-Fi:

Datacenter was established in this institute to consolidate all HPC Servers and compute clusters in to a single facility. Blocks are connected in Star Topology with this Datacenter being the central point. The Data Centre Consists of 2 Core Switches (ICX 7250), 1 Unified Threaten Management Firewall, 9 HPCServersand60TBofCommonStorageSystem(NETGEARNAS)configuredwithRAID6.Datacenterisserve students to access common IT Facilities like Login Authentication, Secure Internet, Excel Knowledge Assets, Digital Repository System, Digital Syllabus Contents and more.

S.No	Item &Configuration	Quantity
1	Number of systems with configuration	819 Withdualcore/i3/i5/processor–2/16GBRAM–500GB/1TBSATAHDD18.5"/19"LCD/LED Monitors
2	Computer-student ratio	1:2.11
3	Dedicated computing facility	819
4	Wi-Fi facility	Yes, entire campus is Wi-Fi enabled
5	Propriety software/ Open source software	MicrosoftCampusAgreement350GGSand125FTE Licenses, Oracle, IBM Rational Rose, Ubuntu and Fedora
6	Number of Nodes / Computers with Internet facility	819
7	LAN facility	10/100/1000Mbps

8	Any Other	Automated admission and examination process, ICT integrated evaluation through customized Campus Management Solution

The Institute provides wi-fi facility to students at both boys and girls hostels as well as in the campus with40accesspointswithaspeedofpumpingbandwidth.ProvidingsecuredwirelessbasedonWPA -Enterprise authentication to all staff, students and staff over 40 IAP's 802.11 n controller based with dynamic VLAN assignment.

In the Institution there are 1075 nodes with wi-fi enabled and all the IT facilities are updated from time to time. Campus is having a total of 146 mbps from two ISP's provide 24 x 7 accesses to intranet and internet to all the users. Each department has its own computer labs which are maintained through Data Center. The College has entered into Microsoft Campus Agreement with faculty count of125 and 350 (GGS) Permanent Licenses. These Faculty Count are renewed every year and GGS licenses are purchased on Regular basis.

❖ **Hardware and Software Facilities:**

List of Licensed Software:

S.No	Name of the Software	Licensed /Open Source
Operating Systems		
1	Microsoft get genuine	Licensed
2	Fedora Linux	Open Source
3	Ubuntu	Open Source
Application Software's and Others		
1	IBM Rational SEED Program	Licensed
2	K-VanS/W	Licensed
3	Office365	Licensed
4	Microsoft Front Page2003	Licensed
5	Oracle11g Enterprise Developer Edition	Licensed
6	TurboC	Open Source
7	Putty0.6.0	Open Source
8	Cloud Era	Open Source
9	XAMPP7.0.9(Apache +PHP+ Mysol)	Open Source
10	J2ME,J2EE	Open Source
11	MySQL	Open Source

Details of ICT facilities available:

S.No	Particulars	Available
1	Desktops	819
2	Servers	03
3	Printers	30
4	AccessPoints	38
5	Firewall	01
6	Switches	58
7	Laptops	70
8	LCDProjector	20
9	Scanners	10
10	CCTVCamera	60

> ➢ **List of Facilities available**

❖ **Games and Sports Facilities:**
- To provide a platform for students to go beyond their academic quest and explore their skillsin sports and games.
- To device and implement a mechanism for sports activities including student coaching,ground preparation, procurement of sports material and scheduling of the games.
- To coordinate with the university sports division and arrange for the participation of studentsat university tournaments, regional/state/national level sports events.
- To assist and arrange coaching for the students to develop sports skills and self-confidence.
- To encourage the students to participate in Intra College and inter collegiate sports meet.

❖ **Extra-Curricular Activities:**
- To capture the vibrant persona of the students.
- To develop and promote the rich diversity and uniqueness of various arts and upgradetheir skills
- To provide a platform for students to go beyond their academic quest and explore theircreative and artistic sensibilities.
- To assist the students to develop communication skills, organizational skills, leader andSelf-confidence.
- To give scope to interact with students of different disciplines.
- To encourage the budding Professionals to participate and organize the activities of interand intra college competitions

❖ **Soft Skill Development Facilities:**
A professional in the modern world needs to have Soft Skills besides technical skills to have a successful career. The knowledge of English language enhances the learning abilities of the students whereas Communication Skills / Soft Skills help them aim high and achieve the set goals.

With the objective of training the students develop their language skills as well as soft skills, three courses are offered:

1. 'Communicative English' is offered in the first semester.

   It is designed to train the students develop their language skills and communicate effectively. It comprises <u>fiveunits</u> dealing with interesting and useful themes with activities providing necessary inputs to overcome the communication barriers and by the end of the course the students will be ableto:

   - Employ suitable strategies for skimming and scanning to get the general idea of a text and locate specific information.

   - Form sentences using proper grammatical structures and correct word forms.

   - Recognize paragraph structure and be able to match beginnings, endings and headings with paragraphs.

   - Assess social, cultural and environmental issues with a scientific point of view.

2. 'English Communication Skills Lab' is offered in the first / second semester.

It is designed to train the students develop their Communication skills and interact with people confidently in varied situations.

It comprises <u>ten activities</u> providing ample opportunities to interact and share their views with others in pairs / groups. By the end of the course the students will be able to:

- Identify and pronounce consonants and vowel sounds as per the International Phonetic Alphabet.
- Speak fluently by practising accent, rhythm and intonation.
- Make oral presentations on different topics - individually or in groups with confidence, clarity and conviction.
- Employ suitable reading strategies to get the general idea of a text and draft reports.

3. 'Soft Skills Lab' is offered in the fourth semester.

It is designed to train the students aim high and reach their goals, face challenges confidently, exhibittheir innate talents by developing their soft skills.

It comprises <u>fourteen activities</u> providing ample opportunities to interact and share their views individually, with others in pairs / groups. By the end of the course the students will be able to:

- Use language fluently, accurately and appropriately in debates and group discussions.
- Use their skills of listening comprehension to communicate effectively in cross-culturalcontexts.
- Learn and use new vocabulary.
- Write resumes, project reports and reviews.
- Face interviews confidently.

Teaching and Learning Resources:
English Communication Skills Lab (Total Area: 2165.03 sq .ft) with -

- 62 Desktops**: -** AcerVeritonIntel Dual Core E5800 3.2GHz,800 FSB, 2 MB L-II Cache,1 GBDDRIII,320 GB HDD,18.5 TFT Monitor, USB KBD & Scroll Mouse with Mouse Pad 3/3/3/Warranty
- i-342MV Multimedia Headphones
- K VAN Solutions Multi Media Language Lab (Original Software-1) - for 62 systems
- Uninterrupted Internet facility

➢ **Teaching Learning Process**

❖ Curricula and Syllabus for each of the Programmes as approved by the University. SRKIT Institute of Technology (SRKIT) is affiliated to JNTU Kakinada and the Curriculum and Syllabi framed by the University is being followed for all UG and PG programs.

❖ **Academic Calendar**
- Institution calendar is prepared at the beginning of each semester including working days, government and local holidays, and schedule of internal assessment and university examinations.
- Department calendar is prepared aligning with the Institution calendar; including department specific workshops, industrial visit/training, value added courses, clubs and other events.

https://srkit.in/exam_cell.html

❖ **Internal Continuous Evaluation System and place**

- Admission process for different programs through the Entrance Test conducted by the State Government of Andhra Pradesh. The admission process ensures inclusion of students from all categories through social reservations defined by State Government of AP.
- By the entry level assessment/Bridge courses/Orientation programs for the newly joined
- students. The institute has a Learning Management System and a good reservoir of e-learning materials. The excellent mentor-mentee system of the institute takes care of academic and stress related issues.
- IIT Mumbai Remote center, IIT Mumbai Spoken Tutorial, NPETL Active Chapter. The utilization of NPTEL and other innovative methods by the faculty and students year by year.
- IIT Mumbai certification for implementing ICT based TL Process.
- The Academic calendar of the institute, reflects University's academic calendar and includes curricular, co-curricular, extracurricular activities. Academic-Calendar and Teaching-plans are strictly followed and are audited regularly.
- Additional support for advanced learner's students and student centric learning environment that promotes in independent, interactive and collaborative learning.
- Encouragement and support for all co-curricular and extracurricular activities to nurture critical thinking, creativity and scientific temper.
- Work Force Development Program from Oracle Corporation in Computer Science & Engineering Department. Intel Centre of Excellence in Electronics & Communication Engineering Department.

- Well qualified, committed faculty with 21 PhD holders.
- Institution has brought several reforms in the examination system which comprises of Continuous Formative Assessment and Summative Examinations conducted at the end of the semester. The system is fool-proof and transparent. The examination section is automated. Students are also educated on POs,PSOs,PEOs(also displayed in website).The institution systematically checks for attainment of outcomes and reviews the Teaching- Learning- strategies.
- On an average, 70% of students are graduated every year.
- Alumni association with active contribution of alumni in enhancing teaching learning
- process.Four UG Programs (CE,ECE,EEE,ME) are accredited by NBA in 2018-19.

❖ **Student's Assessment of Faculty, System in place**

The Institution assesses the learning levels of the students, after admission and organises specialprograms for advanced learners and slow learners.

SRKIT assesses the students' learning needs in the following ways:

- **Awareness Programme:** SRKIT arranges awareness programme to the students aspiring admission in Engineering programme and their parents before the admission process commences to explain the admission procedure and to create awareness in them on branch selection and also on college selection, depending on the facilities needed for students to study in that college they choose.
- **Orientation Programme** is arranged every year for students along with their parents before commencement of class work at which the information regarding facilities, faculty expertise, rules & regulations, discipline code of the college, and the teaching-learning methodology are given to create awareness about the college.

The benchmarks for First year of UG / Lateral entry:

- Intermediate/ Diploma marks
- Ranks in the State Engineering Examination like EAMCET/ECET Medium of Instruction (Either Telugu (vernacular) or English)
- B-category students - whose intermediate score fall below the average, are identified as slowlearners and others as advanced learners.
- A-category students who are admitted through state level entrance test- whose rank falls below theaverage are identified as slow learners and others as advanced learners.
  Lateral entry students are assessed based on their performance in diploma course. Based on their ECET score, academic gap is identified and bridge courses are conducted for Mathematics and fundamentals of courses chosen in their respective program.

Strategies adopted for student improvement:

- Based on the assessment student academic gap is identified and Bridge Courses/ Special

classes arescheduled to improve -

- Communication Skills
- Analytical Skills
- Mathematical Skills
- Leadership skills
- Inter-personal skills

Pre and post assessments are conducted to know the improvement in the bridge courses.

- Tutorial/Remedial classes are organized to clarify doubts, revise the critical topics for improvingperformance.
- Daily attendance is reported to the parents through SMS and phone calls.
- Appropriate counselling with additional teaching, eventually helps students attend classes regularly. Faculty Mentors, allotted 20 student search interact with students and solve the problems if any.
- One hour per week is allotted exclusively in time table for mentoring. Assignments are given toresearch the material and solve the open end problem.

The Institute assesses the students based on their academic participation and performance in classes, laboratories and, co-curricular and extra-curricular activities.

Strategy adopted to identify Slow learners and Advanced learners:

- Previous semester results and

- Current semester internal score Students' performance is evaluated in every course outcome by at least one class test and mid-term test. The students who score less than 60% marks are considered slow learners and others- advanced learners.

  Highlights:
- Advanced Learners-act as student mentors and support their companions.
- Be members of professional bodies like IETE, CSI and organize technical events.
- Management Sponsorship to students- national/ international conferences.
- **Merit Awards by the Management-Toppers** of each batch from each programme are awarded withGold and Silver medals every year.

16. LoA and subsequent EoA till the current Academic Year

https://srkit.in/images/Mandatory%20Disclosure.pdf

17. Best Practices adopted, if any

- To create awareness of gender equality, 20 gender sensitization and awareness programmers are conducted for the last 5 years. The institution has undertaken numerous safety and security measures in the campus. The Institution is under CCTV surveillance to ensure safety and security of the students.
- More than 50% of annual lighting power requirement is met through LED bulbs.
- Institution has facilitated with solid, Liquid and e-waste management system to keep the campus green and hygienic.

- Rain water harvesting systems prevail in the campus. The institution is landscaped withtrees and plants.

- For carbon neutrality, vehicle pooling is practiced. 60% of day-scholars are travelled bycollege buses. Paperless office and Plastic free campus is in practice.

- Institution has facilitated the differently able students with ramps, lists, rest-rooms, scribes for examination etc.

- Institution has taken up more than 20 initiatives to the local community.

- Institution has a handbooks which contains the code of conduct for students, staff, teachers, Principal, governing body etc. These details are displayed in the website.

- Institution celebrates the national and religious festivals encourage national integration and communal harmony respectively.

- Birth anniversaries of great Indian personalities are being celebrated in campus.

- Remembering the great Indian personalities on their death anniversary is practiced. Everyyear, 8 such programmes have been conducted in the campus.

- Programs have been conducted to give awareness on fundamental duties and rights of Indiancitizens.

- Human values and profession ethics are being taught to students as a courses as per JNTUK curriculum.

- The institute has adopted different innovative practices such as (i) Enabling Team work and leadership through Department Association Activities, (ii) SRKIT's Samskruthi- An Art, Literary and Cultural Society.(iii) Green Practice in the campus (iv) Structured Academic and Administrative Audit.