



Jaya Sakthi Engineering College

(Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai)
St. Mary's Nagar, Thiruninravur, (Near Avadi), Chennai - 602 024
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Chairman

Mrs. K. Vijayakumari, M.A., B.Ed.,
Secretary

ANNEXURE – I ROLES & RESPONSIBILITIES

Principal: As the head of the institute, principal should have the vision and leadership ability to ensure the continuous growth of the institute.

Academic:

- To monitor and conduct academic activities of the institute under the guidance of the management and assistance of Head of the Departments.
- To plan and take the necessary actions for improvement for producing better academic results.
- To promote industry institution interaction, research & development activities.
- To maintain cordial relations with staff members, students, parents and with all those connected to the institution both directly and indirectly.

Administration:

- To conduct the periodical meetings of the HODs & faculty members for effective administration of the institution.
- To make the employee and students aware of the rules, policies and procedures laid down by the institution and see to it that they are enforced.
- To initiate recruitment of teaching and non-teaching staff members as per rules laid down by the institution.
- Approves and ensures the implementation of the department's & Institute academic calendar for Odd and Even Semester.
- To sanction the leave of the faculty members as per the norms.
- To reviews internal test analysis report and initiates necessary corrective actions.

Finance

- To recommend allocation of budget for the departments as requested by the Head of Departments to the Governing body.
- To authorize for cash advances for urgent purchases required in the institute. Promotion of Co-curricular and Extra-curricular and Strategic Activities
- To monitor and promote technical and non-technical, co-curricular and extra-curricular activities like seminars, workshops, cultural and sports events with the assistance of HOD's



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and staff members.

- To maintain the infrastructure of the institution with the help of concern staff and protecting the life and property of all those connected with the institution.

HEAD OF THE DEPARTMENT

HOD will be

- Monitoring the proper functioning of the Department as per the education policies formulated by the college.
- Reporting to the Principal daily about the activities carried out and activities in progress in the department.
- Allocating the academic roles and responsibilities equally among the members of faculty
- Finalizing the portion for the internal examinations and ensuring the completion of the portion before every examination.
- Monitoring the progress of the students in both co-curricular and extracurricular activities. Ensuring the proper maintenance of all the department files with the help of the faculty in charges. Ensuring the discipline of the faculty members and students by being disciplined.

TEACHING FACULTY MEMBERS

All members of the faculty need to

- Prepare lesson plan for the subject's assigned using academic calendar and get approval from the Head of the Department.
- Choose appropriate mode of delivery for their subjects to make the teaching and learning process more interactive and interesting.
- Maintain students' attendance for every hour through CAMS web portal both for theory and lab classes.
- Demonstrate the experiments to the students at first and make them to do the experiments later by following the procedures given during lab hours
- Evaluate the Internal exam papers within 3 days and submit the mark statements to the HOD.
- Identify the slow learners in their subject and conduct appropriate remedial coaching classes to improve their performance in the next exam.

EXAM CELL

- To update the time table of semester examinations.



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EXAM CELL

- To update the time table of semester examinations.
- To collect attendance proforma and internal marks for conduction of examinations.
- Conduction of practical examinations for all the departments.
- Arrangement for conducting examination and collection of answer papers.
- To appoint qualified internal and external examiners to conduct and valuate practical, soft skill and NME exams.
- To Arrange for re-evaluation of valued answer-booklets requested by the candidates on prescribed application form with due fees
- Maintenance of all records, statistics and database of candidates pertinent to examinations
- Processing and passing of bills of exam duty remuneration for internals, TA, DA, other conveyance/allowance for externals.

1. PLACEMENT TRAINING POLICY

Training and Placement Cell provide placement assistance to the students as per the norms provided here. Companies will be invited and scheduled by the Placement Cell on the basis of the following parameters:

- a) Job profile and growth prospects.
- b) The package being offered by the company.
- c) Past record of recruitment at JSEC.
- d) Feedback from the Alumni regarding the company.

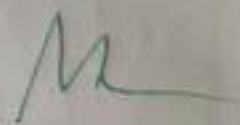
Eligibility:

- a) Student should get an aggregate of 60% & above throughout from First semester onwards.
- b) Student should not have any backlog subjects.

Rules for Placement

1. The placement committee strictly enforces ONE STUDENT ONE JOB OFFER policy.




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Category of companies and Dream Offer.

2. Students are given choice to choose the company for placement based on their specialization subject.

3. Once student is placed in a company of his/her choice, he/she cannot attend any other interview directed from college whether off campus or on campus. But it is their liberty to search for another better job by his/her own effort.

Dress code - Students must be formally dressed whenever they participate in any sort of interaction with a company. Minimum formal clothes for men include formal shirt and trousers with tie, and leather shoes. Minimum formal clothes for women include either a pair of Salwar- Kameez (no bunge) or formal shirt and trousers with neck tie.

2. ACADEMIC ACTIVITY POLICY

The objective of the policy is to make the guidelines transparent for all activities related to teaching and learning across the campus.

The institute /departments and responsible for ensuring quality of its educational environment.

This includes

- a. Prescribing its own courses and syllabus in accordance with the need of the society and the professional requirements.
- b. Preparation of the course materials with adequate standards.
- c. Delivery of course contents by adopting appropriate technologies

Roles and Responsibilities

Roles	Academic Responsibilities
Management	<ul style="list-style-type: none">• Communicate views from the general community to the Institution in order to ensure that the Institution is well Informing and in touch with a variety of opinions.
Principal/Vice Principal	<ul style="list-style-type: none">• Developing and implementing quality assurance Policies and procedures.
Internal Audit Cell	<ul style="list-style-type: none">• Carry out the academic auditing in each department of The college at the stipulated interval.
Exam Cell	<ul style="list-style-type: none">• Conducting all Examination• Collecting of results from the Evaluations• Verification and Valuation of results. PRINCIPAL



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	<ul style="list-style-type: none"> • Publication of Final Results. • Issue of Grade Card and Certificates.
Head of the Department	<ul style="list-style-type: none"> • Ensure that the courses promote the development of the department and the graduates. • Take up initiatives to achieve the mission and vision of the department. • Subject allocation for faculty for every semester keeping in view various extraneous duties. • Approval of Lecture plan and Lecture notes prepared by the faculty and monitoring the progress of course delivery. • Conduct of regular staff meetings for assessment of progress of teaching - learning process and other departmental activities. • Arranging student feedback of the faculty and Initiating corrective measures.
Course Instructor	<ul style="list-style-type: none"> • Facilitating information sharing on best practice in teaching and learning. • Preparation of assignment / tutorial/internal test QP's and answer keys and conduct of the same. • Conduct of the irremediable classes as and when required. • Preparation/modification of the course materials. • Responsible for completion of the syllabus.

3. FACULTY IMPROVEMENT POLICY

- The teaching staffs of the college are encouraged and motivated to attend the faculty development programme (s) / conferences / workshops which are relevant to their domains which are conducted in other colleges.
- The college mandates the faculty members and lab staffs to attend such type of faculty development programme (s) / conferences / workshops every year to enrich themselves and in turn to improve the teaching skills and create positive impact on students' academic achievement.
- The registration fees/TA for these kinds of programme (s) is paid by the college based on the proper application and request to the principal through the Head of the department along with the supporting documents.

Faculty Development Council



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The implementations of Faculty Development Provisions vest with Faculty Development Council (FDC). The FDC consists of the following members:

- (i) Principal
- (ii) One member from each department

Review of the FDP policy

The FDP policy shall undergo reviewed whenever found necessary may be once in every three years.

4. CAMPUS MAINTENANCE POLICY

The College has various committees which meet on a periodical basis to discuss the requirements regarding repairs and maintenance of infrastructure facilities.

The College has a maintenance team headed by the Principal. The maintenance supervisor coordinates the team and he is overall in charge of the maintenance of infrastructure. He is assisted by a carpenter, an electrician, a plumber and the support staff team. Besides regular maintenance work, any major repair or renovation work is reported to the Principal.

The General maintenance team meets on daily basis and undertakes the following work on regular basis.

- The classrooms, staff rooms, labs, library and common areas are cleaned daily by the support staff.
- The rest rooms for boys and girls are cleaned twice a day.
- Continuous flow of water is ensured in restrooms.

The technical team is headed by the Principal and technical experts. The team ensures that all the technical facilities are maintained regularly for uninterrupted service.

Internal complaints register is placed in the administrative office and all the complaints regarding the infrastructure, technical faults, electrical appliances is recorded in it and it is rectified by the concerned person in due course of time.

Green and Healthy Environment: The College has a team of efficient and experienced gardeners to maintain the flora in the campus. Seasonal and herbal plants are nurtured for green and healthy environment.

Classroom Maintenance: The Maintenance team is in charge of classroom maintenance. The rooms are cleaned twice a day after every shift. Repair and maintenance of assets are undertaken on need basis.

Laboratory Maintenance: The Coordinator monitors the use and maintenance of the computer labs in the college. A log notebook is maintained by the lab coordinator which has details of stock



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in the laboratory, and student's access to the lab is also recorded with the details of in time and out time. The Language lab, Commerce lab, and Psychology lab are maintained by the faculty of the respective departments.

Library Maintenance: The library is maintained by the librarian. He is assisted by a support staff. Separate log is maintained for students and faculty to record the daily library footfall. The librarian maintains the accession register and also the files pertaining to the purchase of books and renewals of periodicals and e resources.

Security Measures: The campus is widely covered through CCTV surveillance. In addition, security guards are present on campus 24/7 to ensure the safety of students and staff.

Fire Extinguishers: The fire extinguishers are placed in our campus and refilled on regular basis. Overhead water tanks in Block A, B and library with a capacity of more than 5000 litres each are connected to hoses which are available to meet any unforeseen contingencies.

Student Facility Centre: A canteen with separate cooking area facilitated with gas pipelines and service areas, caters to the need of the students.

Out sourced maintenance activities:

- Maintenance of A/Cs and computers is done from time to time.
- Pest control measures are under taken as and when required.

5. CONSULTANCY WORK POLICY

Jaya Sakthi Engineering College is committed to encourage Consultancy as an effort to fulfill its Vision and Mission, using the expertise available for promoting and professions and excellence in serving the Society.

Revised Guidelines

In accordance with the policy of the UGC, AICTE and Government of Tamil Nadu, the College is committed to promote Consultancy.

Guidelines

Article I: Academic Staff and Non-Academic Staff may engage in free or paid Consultancy Activities for third parties through the Institution or on a personal basis under instruction to the College.

Article II: They may retain remuneration received from Consultancy, including benefits in kind, subject to the conditions fixed by the Management, from time to time, if the Consultancy work is undertaken through the Institution.

Article III: If the Consultancy work is at the Individual Level, the remuneration received from

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Consultancy shall go, so the Individual provided he/she does not use the facilities of the Institution and incur any kind of liability for the Institution.

Article IV: Before giving any undertaking to engage in Consultancy Activities, the Members of the Academic, Technical and Administrative Staff must obtain prior approval of the Management.

Article V: Consultancy Work shall be undertaken ensuring that the Institution is indemnified against any legal implications and financial risk.

Article VI: Definition of Consulting

For the purpose of this policy, "Consulting" is taken to mean the remunerated application of a Staff Member's professional expertise for the benefit of a third party typically an Industrial, Commercial, Governmental or other Professional Institution.

The work might, for example, involve:

1. Advice
2. Problem-solving
3. Direction of research
4. Teaching
5. Testing

For the purpose of this policy, consultancy does not cover the following types of activity:

1. External examination and assessment
2. Authorship of academic text books
3. Editorship of a professional/academic journal or publication
4. Office holder of a professional body
5. Contributing to broad cast media programmes
6. Public services such as serving on Government Public Body in the capacity of an expert
7. Work which falls outside the professional expertise for which the member of staffs employed at Jaya Sakthi Engineering College
8. Non-executive directorships (which should be reported to the Principal.)

The above list is not exhaustive, but serves to provide an illustration to those activities that are outside the scope of the consultancy policy

Article VII Principles of Consulting

The ability to engage in consulting activities is guided by the following principles :

1. Consultancy is a privilege, not a right
2. The Institution must be safeguarded against conflicts of interest (including IPR) and indemnified against financial risk



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3. Activities undertaken must not detract from the contributions to Jaya Sakthi Engineering College which the member of staff is being employed
4. If the facilities of the College (including materials and support staff) are used, fair reimbursement must be made to the Institution

Article VIII Ethics and Integrity

While the staff member will indemnify and keep indemnified the management and all employees from all risks the staff member shall also follow highest ethical standards and probity while delivering the consultancy.

6. RESEARCH AND DEVELOPMENT POLICY

Jaya Sakthi Engineering College is established with a vision,

"Technical Education Excellence through Innovative Teaching, Research and Entrepreneurship who create wealth for our nation and develop a fulfilling global society".

OBJECTIVES

- Create and promote quality human resources for scientific research.
- Promote academic and industrial collaborations involving active and mutually beneficial R&D projects.
- Raise the standards of the institution to stand among the premium institution in India.

PROCEDURE

To develop a high-quality research ambience in the Institute and motivate faculty for research with National and international standards, a Research Promotion Committee (RPC) is constituted in the Institution level.

(1) Faculty promotion schemes may develop for those who significantly contribute high quality research and keep high ethics in research undertaken.

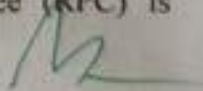
(2) Recognize the faculty/student for excellent performance in research related activities such as fetching research grants or having consultancy projects etc.

ROLES

To develop a high Quality research ambience in the Institute and motivate faculty for research at par with National and international standards, a Research Promotion Committee (RPC) is constituted. It consists of

- Principal




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- HOD of all department
- Nominee of the concerned Departmental Research Committee–Member
- Registered PhD Supervisor and Co-Supervisor(if any)
- Principal Investigator of the project funded by external agency

RESPONSIBILITIES

- The R&D activities in the individual departments are monitored by Department level RPCs headed by the Head of the respective Department.
- To develop rules, procedures and guidelines for granting research support, instituting awards, and supporting all other related activities
- To develop rules, procedures and guidelines for granting study leave, sabbatical leave, duty leave, reduction in workload, etc. for faculty members undertaking research activities

To prepare and implement a research quality assurance mechanism for ensuring that all research activities of the Institution conform to standard quality specifications.

7. PURCHASE OF MATERIALS/EQUIPMENT'S POLICY

OBJECTIVES AND POLICIES OF PURCHASE:

Fundamental principles of Jaya Sakthi Engineering College stock buying: Every authority delegated with the financial powers of procuring goods in public interest shall have the responsibility and accountability to bring efficiency, economy, and transparency in matters relating to procurement and for fair and equitable treatment of purchase and promotion of competition in public procurement.

PURPOSE AND INTRODUCTION:

Jaya Sakthi Engineering College obtains a wide range of goods and services commercially in order to achieve its mission, goals and objectives. Good stewardship requires that it do so in a way that results in the best quality product or service at the lowest life cycle cost. Further, we must address our requirements in ways that are fair to all students, that are ethical and that enhance the business reputation of the College. The Campus Services Department functions as the College Procurement Office.

AUTHORITY AND RESPONSIBILITY:

Authority to Purchase: A person must have specific authority to obligate the College to procure goods and services. Any Purchase by College faculty or staff members without prior consent by the appropriate approver will be the sole responsibility of the person making the unauthorized purchase. Depending on the Circumstances, employees making unauthorized purchases may be subject to disciplinary action. Limited delegation of purchasing authority may be granted to certain



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departments of the College because of their unique purchasing requirements.

Authorization Levels: There are levels of authority and "signature authorization" that must be adhered to Jaya Sakthi Engineering College.

The following signatory requirements apply to all procurement and payment methods.

Transaction Approver

- Purchaser/Budget Manager
- Purchaser, Department Head, and Senior Staff Member
- Purchaser, Department Head, Senior Staff Member, & Secretary for Finance
- No individual except as indicated above has the authority to obligate the College in any way for the procurement of goods and services.

Responsibility

- Employees involved in the purchasing process take full responsibility for understanding the policies and Procedures regarding purchasing and vendor relations.
- Each department should determine the source and availability of funds prior to initiating or before Submitting a purchase request.
- All purchases of goods and services, including contracted services, must be authorized by and signed by the appropriate approver, prior to delivery of goods and services.

FUNDING SOURCES:

Operating Budget: Budget managers are responsible for ensuring the availability of funds prior to the purchase of or the awarding of a contract for supplies, materials, equipment, or contractual services for the college.

Purchasers may not commit funds under the management of other offices (i.e. you cannot spend other people's money). Purchase action may not be initiated in the anticipation of funding that may be provided at some future date.

It is the Department Head's responsibility to periodically review their departmental budget reports. Additional questions about sufficiency of funds should be directed to the Controller.

Unbudgeted or "over budget" expenditures are considered an extraordinary situation and must be specifically approved by the Principal for Finance after the consultation of appropriate Senior Staff member.

Capital Expenditures: Capital Expenditures are generally defined as expenditures of Rs.5,000/- or greater for equipment, Furnishings, buildings, and building repairs. Purchases of items that do not exceed Rs.5,000/- should be budgeted for in the department's operating budget.

The annual budget request cycle includes a process for budget managers to request funding for



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capital improvements.

Examples of capital expenditures:

a) Furniture (office, classrooms, conference rooms, public spaces)

b) Equipment

c) Building systems (fire, mechanical)

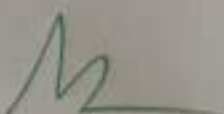
d) Vehicles Budget managers are notified in June regarding approval of their requests for the upcoming fiscal year.

Grant Payments: All grant related purchases must be reviewed by the Office of Sponsored Research and Programs (OSRP) and forwarded through the Controller to be reviewed for compliance with the terms of the grant.

Professional Development Funds (PDF)

The Professional Development Funds Request form must be used for PDF requests. Faculty should present the PDF form with receipts to the department chair for approval and signatures before sending it. Forms can be found at Professional Development Funds may be used for individual memberships in professional organizations to further teaching and scholarship.



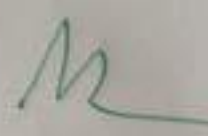

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HR POLICY

CHAPTER 1 - SERVICE CONDITIONS FOR THE STAFF

- 1.1 Every member of the staff shall agree to abide by all the conditions herein stated and also such conditions as may be stipulated from time to time by the competent authority.
- 1.2 Every member of the staff shall employ himself/herself honestly, efficiently and diligently under the orders and instructions of the Principal/Designated Authority or other officers under whom he/she shall, from time to time, be placed.
- 1.3 Any staff member, on appointment, except on contract, shall be on probation for a period of two years.
- 1.4 Staff attendance should be signed every day, before the commencement of regular class hours, and at the end of the working hours for the day unless they are on duty outside the campus, or on leave.
- 1.5 Staff should be available in the college premises during the entire period of office hours, on all working days.
- 1.6 If a staff member on any kind of leave/vacation has to be out of station, he / she should intimate the Principal/Designated Authority his / her exact out station address and phone numbers in his / her leave/vacation application.
- 1.7 In a case wherein a member of the teaching or non-teaching staff commits any misconduct in discharge of his / her duties, the Principal/Designated Authority has got discretion to award punishment such as warning, censure, with holding of increment with or without cumulative effect after conducting an enquiry by a committee constituted by the Principal/Designated Authority.
- 1.8 For the development and progress of the college/department, all members of the staff should work as a team and they should also maintain a cordial relationship with other departments.
- 1.9 Staff members should get prior permission from Management / Principal / Designated Authority to contact any outside agency or government departments for any matter related to the college / hostels.
- 1.10 If a staff member draws advance from the college to meet financial expenses for official tour or for arrangement of a college event, he / she shall settle the account within 21 days from the date of drawl of advance or within 7 days after the completion of the event for which advance was drawn failing which the advance shall be adjusted from his salary.




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CHAPTER 2 –METHOD OF RECRUITMENT

2.1 SCREENING

2.1.1 Number of vacancies is notified by Principal/Designated Authority based on student strength / resignations or terminations of staff members, to the management for approval /information.

2.1.2 Vacancies are advertised in leading newspapers–both Tamil and English.

2.1.3 Shortlisted candidates are informed over telephones by HR Department.

2.1.4 At times, Walk-in interviews are also conducted for immediate postings.

2.2 INTERVIEW

2.2.1 Interview Committee consists of Principal, Director/Designated Authority, Academic Co-coordinators and respective Heads of the department and subject experts. Selection is based upon the Technical Skill and Depth in Knowledge.

2.2.2 The short listed candidates from the interview shall be called for personal interview and selection be made on merit.

2.2.3 Direct interview is conducted for senior posts. Selection committee shall be constituted by the Secretary as per the guidelines approved by the Governing Council.

2.3 PAY FIXATION

2.3.1 Pay for the selected candidates is fixed by the selection committee as per the pay scale approved by the Governing Council for the respective post based upon the qualification and experience of the candidate.

CHAPTER 3- PROVISIONS & RULES RELATING TO LEAVE / PERMISSION

3.1 ELIGIBILITY & APPLICABILITY

3.1.1 All employees on regular rolls as per UGC norms.

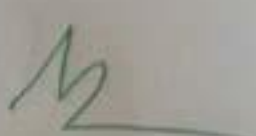
3.2 GENERAL POLICES

3.2.1 For the purpose of leave, "Year" shall mean the Academic Year starts on 1st June and ending 31st May.

Categories of leave available to the employees are:

- Casual Leave(CL)
- On duty (OD)
- Vacation Leave(VL)




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- Leave on loss of Pay(LOP)
- Marriage Leave(ML)
- Maternity Leave(MTL)
- Permission

3.2.2 Leave accounts of all staff members are maintained in the Administrative Office.

3.2.3 Sanctioning authority: Principal of the college is the competent authority to grant all kinds of leaves to all the employees. Principal may delegate this power to Heads for administrative convenience. Secretary of the college is the competent authority to sanction leave of the Principal.

3.2.4 All staff members, particularly those in responsible positions, are expected to use leaves based on needs and not with intent to use up all the leaves provided for in the rules.

3.3 CASUAL LEAVE (CL)

3.3.1 Every employee is eligible to avail up to a maximum of 12 days of Casual Leave in an academic year (June 1st to 31st May). Staff members can avail maximum of 6 days CL per semester. The lapsed CL in the odd semester will be carried over to the even semester. ODD Semester (June – November), EVEN Semester (December – May).

3.3.2 However, in case an employee joins duty during the course of the year, such leave will be granted in proportion to the months of service in the said academic year. (i.e. one day CL on completion of a month)

3.3.3 CL cannot be carried over to the next year if it is not availed during that year.

3.3.4 Casual leave is to be ordinarily applied in offline at least 1 day in advance. The classes and other duties, if any, to be assigned to other competent staff. However if casual leave is taken on any emergency, the same has to be informed to the Principal office and HOD at the earliest possible.

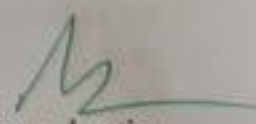
3.4 ON OTHER DUTY (OD)

3.4.1 The College can permit any faculty member to take special assignments with other Colleges or industrial units, for specific period of time or to attend seminars/faculty development programmes/winter or summer training programme with prior approval from the Head of the Department and Principal/designated authority.

3.5 VACATION LEAVE (VL)

3.5.1 These rules govern the availing of vacation leave for each semester. The maximum duration




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and number of days shall be decided by the Principal/Designated Authority.

3.5.2 Vacation Leave (VL) is applicable to only the members of the Faculty (teaching staff) with eligible service.

3.5.3 VL can be availed in two spells. When all or majority of the staff are opting for same spell and if the HOD feels that it would disrupt the normal function of the department, the HOD can direct the staff to avail VL without affecting normal work.

3.5.4 The staff, after giving option for the slot(s), will not be allowed to change the slots under any circumstances. For the purpose of calculating number of days of vacation leave, all declared holidays and Sundays (prefix, suffix and intervening) will be included.

3.5.5 It will be the responsibility of each faculty to see that their academic commitments like invigilation work, and centre valuation are not disrupted while they re-proceeding on vacation leave.

3.5.6 The Vacation leave of a staff member can be cancelled by the authorities concerned if the presence of the staff becomes necessary for official work.

3.6 MARRIAGE LEAVE (ML)

3.6.1 A Male/Female employee of the institution, who has completed at least 2 years of continuous and satisfactory service, is eligible for Marriage Leave for a maximum of one week from the vacation leave, subject to prior approval of the Principal/ Designated Authority.

3.7 LEAVE ON LOSS OF PAY (LOP)

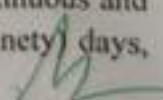
3.7.1 Absence without prior permission and without making alternative arrangement for class or other important duty will be treated as Loss of Pay.

3.7.2 Any leave availed in excess of the prescribed limit shall be deemed to be Leave on Loss of Pay (LOP).

3.7.3 Absence without prior permission and without making alternative arrangement for class or other important duty will be treated as Loss of Pay.

3.7.4 Any leave availed in excess of the prescribed limit shall be deemed to be Leave on Loss of Pay (LOP).

3.8 MATERNITY LEAVE (MTL)

3.8.1 A woman employee of the institution, who has completed at least 2 years of continuous and satisfactory service, is eligible for Maternity Leave (MTL) for a maximum of 90 (Ninety) days, subject to prior approval of the Principal/Designated Authority with one month salary. 

3.8.2 The employee shall inform the HOD & Principal at least 8 weeks prior to proceeding on



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leave with appropriate Medical Certificate

3.9 RULES RELATING TO APPLY FOR PERMISSION

3.9.1 Permission for short absence not exceeding one hour on any working day may be granted at the discretion of the designated authority.

3.9.2 If the number of permission for short absence exceeds 3 in a month, it shall be considered as half day CL for the 3rd permission.

3.9.3 Permission Timings MORNING-8.30 AM-9.30 AM & EVENING-3.45 PM-4.45PM

CHAPTER 4-CONDUCT & DISCIPLINE

4.1 CONDUCT

4.1.1 Every employee shall abide by and comply with the rules and regulations of the college and all orders and directions of his/her superior authorities, under whose superintendence or control, he/she is placed.

4.1.2 Every employee shall extend utmost courtesy and attention to all persons with whom he/she is to deal in with the course of his/her duties.

4.1.3 Every employee shall Endeavour to promote the interest of the College and shall not act in any manner prejudicial thereto.

4.1.4 No employee shall join, or continue to be a member of an association the objectives or activities of which are prejudicial to the interests of the sovereignty and integrity of India or public order or morality.

4.2 DISCIPLINE

4.2.1 The Secretary or any other competent authority may place an employee under suspension when disciplinary proceedings against him are contemplated or are pending or a case against him in respect of any criminal offence is under investigation, inquiry or trial.

4.2.2 An order of suspension made or deemed to have been made shall continue to remain in force until it is modified or revoked by the authority competent to do so.

CHAPTER 5 - APPEALS AND REVIEWS

5.1 The staff members of the College are welcome to submit their appeals or grievances if any to the PRINCIPAL / SECRETARY for review and redressal.

CHAPTER 6 - GENERAL

6.1 Faculty Members are expected to update their knowledge by attending seminars/workshops/conference, after obtaining necessary permission from the PRINCIPAL



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Principal/Management.

6.2 Faculty Members should attempt to publish text books, research papers in reputed International / Indian Journals / Conferences.

6.3 The Faculty Members are expected to prepare himself / herself academically to meet all the challenges and requirements in the methodology of teaching so that the input may be useful for the student community at large.

6.4 Groupism of any kind should be absolutely avoided. Faculty Members found indulging in such activities will be subject to discipline proceedings

CHAPTER 7 – DEPARTMENT

7.1 Work load will be allotted by the HOD after taking into account of the Faculty Member's interests.

7.2 In addition to the teaching, the Faculty Member should take additional responsibilities as assigned by HOD / Principal in academic, co-curricular or any extracurricular activities.

7.3 Every Faculty Member should maintain student's attendance records and the absentees roll number should be noted every day in the Master attendance Register maintained in the Department as soon as the classes/laboratory hours are over.

7.4 The Faculty Advisor must update the student's personal file regularly and put up for inspection by HOD/Principal as the case may be.

CHAPTER 8 - CLASS ROOM TEACHING

8.1 Once the subject is allotted the Faculty Member should prepare the lecture hour wise lesson plan.

8.2 The Faculty Member should get the lesson plan and course file approved by HOD.


8.3 The Faculty Member's Log Book must be regularly updated and put up for inspection by HOD/Principal as the case may be.

8.4 The Faculty Member should get the feedback from students and act /adjust the teaching appropriately.

8.5 The Faculty Member should take care of academically backwards students and pay special attention to their needs in special classes.

8.6 The Faculty Member should motivate the students and bring out the creativity / originality in the students.




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CHAPTER 9 – LABORATORY

9.1 The Faculty Member going for laboratory class must perform the experiments personally and be satisfied with the results before asking the students to conduct the experiments.

9.2 The lab observations must be corrected with in 2days.

CHAPTER 10 - TEST/EXAM

10.1 While setting question paper, the Faculty Member should also prepare the detailed answer and marking scheme and submit to HOD for approval.

10.2 During invigilation, the Faculty Member should be continuously moving around. He/ She should watch closely so that nobody does any malpractice in the exam/test.

10.3 Whenever any malpractice is noticed, the Faculty Member should get a written statement from the student and inform the University Representative / Chief Superintendent. (Class coordinator and HOD concerned in the case of cycle test / Model Examination).

10.4 The faculty members should be fair and impartial in awarding of internal marks to students or in selecting the outstanding students of the department / college and on similar occasions, it should be done strictly as per the prescribed norms.

CHAPTER 11-STAFF SPORTS

11.1 Staff sports are conducted during the sports day and the winners are awarded with shields and medals.

11.2 Staff members are allowed to participate in sports events inside and outside the college. The college will sponsor for participation.

CHAPTER 12 – FINANCIAL ASSISTANCE

12.1 Faculty members are financially supported for presenting papers in conferences/attending Seminars, Workshop, FDP, SDP etc. with full registration fee and TA/DA as under.

CHAPTER 13 –YEARLY INCREMENTS

13.1 Staff members are eligible to the increment at the end of 12month service in the institution.

CHAPTER 14–RESIGNATION/TERMINATION OF SERVICE

1.11 Faculty member can get relieved at the end of an academic year with three month notice after completion of 2 years of service in the college.



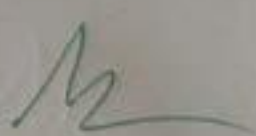
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1.12 In case of resignation during the middle of an academic year he/she has to pay 3 months' salary to the Institution.

i.13 The Secretary shall have the authority to terminate the services of a member of the staff of the college, for any of the following reasons.

- Serious misconduct and willful negligence of duty,
- Physical or mental unfitness




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- B.Tech Pharmaceutical Technology**
- B.E Mechanical Engineering**
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**TNEA
1416**



Strategic Plan (2022-2027)



MARCH 2023

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i. List of Abbreviations

AC	Admission Committee
AI	Artificial Intelligence
AICTE	All India Council for Technical Education
AR/VR	Augmented Reality/Virtual Reality
BFSI	Banking, Financial services and Insurance
ICAETS	International Council of Academies of Engineering and Technological Sciences
SSD	Student Skill Development
CBCS	Choice-Based Credit System
CII	Confederation of Indian Industry
CIIE	Centre for Innovation, Incubation and Entrepreneurship
COVID-19	Coronavirus Disease
IQAC	Internal Quality Assurance Cell
CSIR	Council of Scientific & Industrial Research
DBT	Department of Biotechnology
DRI	Directorate of Research and Innovation
DST	Department of Science & Technology
FDP	Faculty Development Programme
FIST	Fund for Improvement of S&T Infrastructure in Universities and Higher Educational Institutions
FSR	Faculty-Student Ratio
GA	Graduate Attributes
GoI	Government of India
HEI	Higher Education Institution
HMI	Human Machine Interface
IQAC	Internal Quality Assurance Cell
IPR	Intellectual Property Right
JSEC	Jaya Sakthi Engineering College
MHRD	Ministry of Human Resource Development
MoE	Ministry of Education
MOOC	Massive Open Online Course
MoU	Memorandum of Understanding
NAAC	National Assessment and Accreditation Council
NII	National Institute of Immunology
NIRF	National Institute Ranking Framework
NIT	National Institute of Technology
NKC	National Knowledge Commission

NRI	Non-Resident Indian
OBE	Outcome-based Education
PBL	Project Based Learning
PEO	Program Educational Objectives
PG	Post-Graduate
PLO	Program Learning Objectives
RAC	Research Advisory Committee
R&D	Research and Development
RSP	Related Study Programme
STEM	Science, Technology, Engineering and Management
STTP	Short Term Training Program
UG	Undergraduate
UGC	University Grants Commission
UN	United Nations

i. PREFACE

The Jaya Sakthi Engineering College (JSEC) year of Establishment and Management profile has systematically emerged in last twenty two years as a hub for-quality education through its teaching-learning processes, competent faculty members, state-of-the-art infrastructure and committed efforts on research & innovation, having a tangible impact on rural societal development. During these years, the Jaya Sakthi Engineering College has become as synonym for ‘Quality Education’. The journey has been quite challenging yet very successful. Meanwhile, the JSEC has developed its Strategic Plan for the duration of 2022-27. The majority of the goals envisioned in the plan will be achieving it.

We are very happy to put forward this Strategic Plan of the Jaya Sakthi Engineering College for the period of 2022-27. It precisely articulates our aspirations to emerges the highly respected multidisciplinary and student centric engineering Institution.

We believe, with the support and dedicated efforts of all the stakeholders, in the next five years the JSEC will achieve a greater level of excellence and distinction in the higher education arena at national and global level.

ii. Overview of Strategic Plan (2022-2027) of Institution

The strategic plan 2022-2027 is currently in the process and details are given below.

The strategic plan 2022-2027 of JSEC includes,

- Modern, flexible and interdisciplinary curriculum.
- Internationalization.
- Central library as modern information resource centre.
- Introduction of new programme.
- Healthy faculty student ratio.
- Enhancing employability and entrepreneurship.
- Diversity and inclusivity.
- Research, Innovation and Consultancy Activities.
- Impacting societal outcomes
- Generating alternate sources of revenue
- Centre of excellence
- Placement, Higher Studies and Entrepreneurship

During the plan period (2022-27), the JSEC plans to strengthen all ongoing programs by way of enriching the curriculum, offering a variety of elective courses, modernizing the labs for experiential learning, adding high caliber faculty members and promoting the culture of research and innovation.

The JSEC is very serious in effectively implementing and monitoring the progress of the Five-Year Strategic Plan. The plan will be implemented and closely monitored by a core team that will meet once in a months and review the progress. The Institutional Strategic plan (2022-2027) core team will facilitate the proper implementation of the strategic plan.

Strategic Plan (2021-2026) of the JSEC

1. Introduction

1.1. General

Prof. A.Kanagaraj, M.A., M.Phil- Chairman and Secretary Smt. K.Vijaya Kumari, M.A., B.Ed. have started this Institution (Jaya Sakthi Engineering College) in 2001.

Vision, Mission, and Quality Policy

Vision

To achieve Technical Education Excellence through Innovative Teaching, Research and Entrepreneurship who create wealth for our nation and develop a fulfilling global society.

Mission

- To create a state of art educational institution contributing to innovation entrepreneurship, engineering and technology for our country.
- To Provide Quality Education, Self-discipline and Ethical values.
- To identify student's skills and encourage them through creative and enriching methodologies and share their knowledge to create new society.

Quality Policy

"We, at Jaya Sakthi Engineering College, shall strive hard continuously, to achieve academic excellence in Science, Engineering, Technology and Research and to produce the most competent Scientists, Engineers, Entrepreneurs, Managers, and Researchers thorough, objective and innovative teaching methods by dedicated and duty conscious faculty, continuous and consistent updating of facilities, welfare and quality improvement of the faculty and a system of continuous Process improvement".

Table1. Programmes offered UG, PG

S.NO.	Programmes Offered	Year of Establishment
Under Graduates Programme		
1.	B.E-Computer Science and Engineering	2006
2.	B.E. – Mechanical Engineering	2007
3.	B.E. – Biomedical Engineering	2020
4.	B.Tech – Artificial Intelligence and Data Science	2022
5.	B.Tech – Pharmaceutical Technology	2021

2. Life Cycle of Strategic Plan: 2022-2027

Strategic plan is an important tool for JSEC and it ensures the following.

- Frame work for effectiveness and sense of direction
- Goals and measurable targets
- Guiding day-to-day actions
- Evaluating progress and changing approaches when moving forward

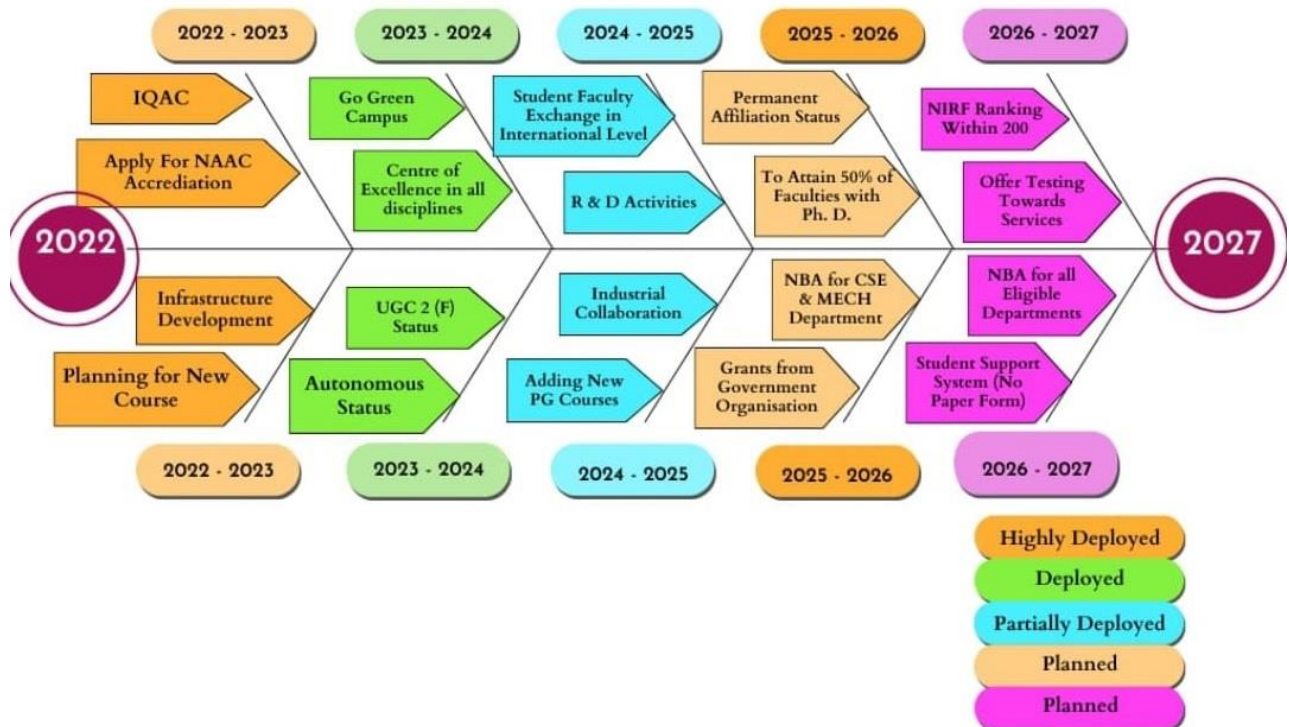


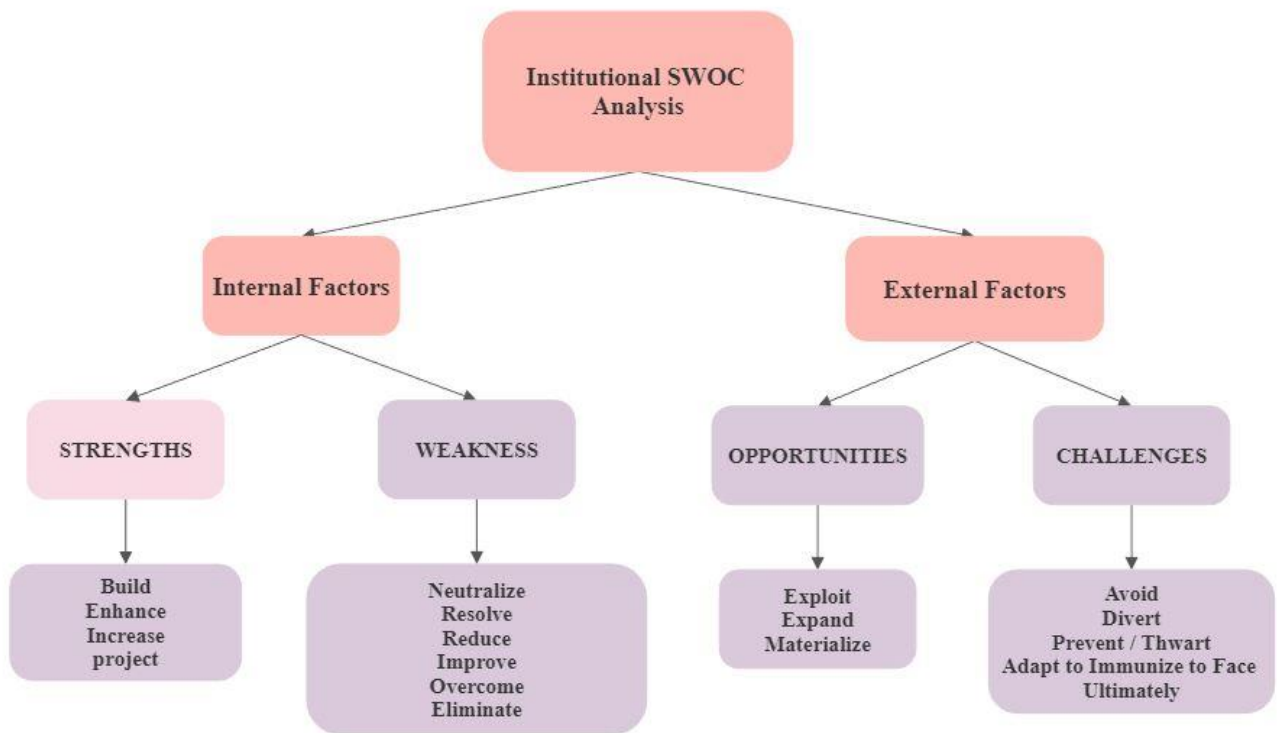
Fig No. 6.2.1 Life Cycle of Strategies Plan for the Institutions

The plan is developed to establish uproots that provide firm foundation for the constant up- gradation of the JSEC, as well as to energies the drive of experimentation and innovation, keeping the focus on Institution vision and mission. The strategic plan sets out a framework of priorities for the JSEC.

3. SWOC Analysis

The more commonly used practice in strategic planning is to do SWOT/ SWOC analysis: Strengths, Weaknesses, Opportunities and Treat/Challenges. It is a simple analysis system designed to check the strategic position of a particular system in its field of operation, and because of its methodological simplicity.

SWOC analysis is divided into two parts: the internal environment where strengths and weaknesses are identified, and the analysis of the external environment, where opportunities and challenges are determined.



Divisions of SWOC analysis

The salient points emerging out of the SWOC analysis of the university are listed below:

Strengths

- Excellent local and regional reputation with well- established national recognition.
- Young, dynamic and dedicated faculty members aligned with institutional goals.
- Learner centric approach.
- Focus on synergy between teaching and all-round development of the student
- Meritorious students with geographical diversity.
- Continuous up-gradation of curriculum.
- Transparent management policies, with well-defined procedures.
- Well-disciplined conducive academic environment.
- Active linkages with nearby institutions, industries and research organizations.
- Continuous emphasis on faculty and staff development.

Weaknesses

- Relatively less exposure to global experience amongst faculty and students.
- Less number of specialized laboratories for state- of-the-art research.
- Limited sponsored research and consultancy activities.

Opportunities

- Increase in the number of educational aspirants.
- Global growth in demand of professionals
- Catering to the need of the industry by customized programme and services to generate alternate sources of revenue.
- Encouraging policies of state and central governments for establishing CoE /IoE.
- Developing inter disciplinary programmes.
- Foreign institutes are looking towards India for academic and research collaborations.
- Establishing new as well as strengthening existing national and international linkages.
- Recognition of faculty members as fellows of national and international academic and professional societies/bodies.
- Strengthening Research and Innovation by mobilizing funds through different funding agencies.

- Establishing a global presence through a large pool of alumni in diverse industries and institutions.
- Outcome based Education.
- Internationalization of various activities.

Challenges

- Establishment of educational institutions of repute in the vicinity providing local, regional and global competition.
- Attracting and retaining experienced faculty members and developing a wide spectrum of expertise across the disciplines.
- To establish a strong provider of consulting and training services
- Rapid changes in all the disciplines and correspondingly changing expectations from industry and society.
- Getting more avenues of placement of Students in economies at national and global level.

4. Strategic Goals

Keeping in mind the integrated themes developed in the previous section, the following strategic goals are developed by JSEC:

Goal-1: Become a medium-sized national Institution.

Goal-2: Promote research and innovation.

Goal-3: Develop faculty to meet emerging academic and employability challenges

Goal-4: Provide high quality infrastructure and facilities.

5. Strategies, Targets and Implementation Plan

Goal-1: Become a medium-sized National Institution

Strategy-1. Launch new programmes in the institutes

Strategy-2. Increase the number of students in different programmes.

Strategy-3. Achieve A++ grade in the First cycle of NAAC accreditation.

Strategy-4. Improve ranking in National Institutional Ranking Framework (NIRF), Ministry of HRD, Government of India.

Goal-2: Promote research and innovation in the constituent institutes

Strategy-1. Increase scholarships for doctoral students through funding.

Strategy-2. Establish various center of excellence in the institutes.

Strategy-3. Increase seed money grants for minor research projects.

Strategy-4. Increase external research funding.

Goal-3: Recruit and develop faculty members to meet the emerging academic and employability challenges

Strategy-1. Selection of faculties with Ph. D qualification.

Strategy-2. Recruit faculty who have done their post-graduation/doctoral studies from a foreign/ reputed institution.

Strategy-3. Conduct two-week FDP training programmes for all faculty.

Strategy-4. Ensure that most faculties have developed mental experience.

Goal-4: Provide high quality infrastructure and facilities.

Strategy-1. Develop the central library with reputed journal.

Strategy-2. Modernize different laboratories in various departments.

Strategy-3. Implement requisite ICT infrastructure.

STEP-BY-STEP IMPLEMENTATION:

Strategic plan will be implemented at two levels: the department level and the institute level. The goals set shall be implemented in the Institution by the top leadership of the Institution. They will mobilize resources – human and financial– to achieve the goals and will be closely involved in Implementation of the JSEC – Strategic plan 2022-2027.

6. Monitoring and Alignment: Structure and System



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Academic Years		2022-2023	2023-2024	2024-2025	2025-2026	2026-2027
S.No	Key Progress Area (KPA)	Progressive Enhancement Targets (PET) - Year-Wise				
1.INFRASTRUCTUE						
1.	1.Class room with LCD Projector(Window curtain)	60% of Classes	75% of Classes	90% of Classes	100% of Classes	100% of Classes
	2.Modernization lab	25%	45%	65%	85%	New Lab
	3.Industry Institute Interaction Cell and Entrepreneurship Development Cell	Initiate	2 Programmes/year	4 Programmes/year	3 Programmes/year	6 Programmes/year
	4.CMS & LMS	Initiate	25%	50%	100%	100%
	5.Quarters for Staff	5 Nos.	15 Nos.	25 Nos.	30 Nos.	35 Nos.
	6. One Seminar hall for Each/Dept (A/c to Seminar hall- 1/dept)	All Departments	All Departments	All Departments	All Departments	All Departments



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2.TEACHING-LEARNING (CURRICULUM)					
1.Self Learning Material	YES	YES	YES	YES	YES
2. Subscription to Online resources	YES	YES	YES	YES	YES
3.NIRF Ranking	Initiate	Top 70 within TN state	Top 60 within SF TN state	Top 50 within SF TN state	Top 30 within SF TN state
4.Professional Society tie-up	1/ Department	1/ Department	1/ Department	1/ Department	1/ Department
5.Branding (Ranking)	1 magazines	2 new magazines	2 new magazines	2 new magazines	2 new magazines
6.Innovative Teaching & Learning	1 Online Course /Department	2 Online Course / Department	3 Online Course / Department	4 Online Course / Department	5 Online Course / Department
7.Outcome based education (OBE)	Initiated	Implementation	Enhance & Improve	Enhance & Improve	Enhance & Improve
8.NBA	Plan to Initiate	Initiate	2 Dept to initiate	2 Department	All Eligible Departments
9.NAAC	Initiated	Annual Quality Assurance Report /Semester	Annual Quality Assurance Report /Semester	Annual Quality Assurance Report /Semester	Annual Quality Assurance Report /Semester
10.No. of Course with Question Bank	2 per Department	5 per Department	5 per Department	5 per Department	5 per Department
11.Industrial Collaborated Courses	Plan to Initiate	1 per Department	1 per Department	1 per Department	1 per Department



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3.STUDENTS RELATED						
3	1.Admission (UG)	65%	75%	85%	90%	95%
	2.Placement (UG)	70%	70%	80%	82%	85%
	3.Lateral Entry Admission	35%	45%	47%	50%	50%
	4.Fee Concession	15%	13%	10%	9%	8%
	5.Avg Cut-off	120	125	130	135	140
	6.GATE - Appeared	20 Students	30 Students	40 Students	50 Students	60 Students
	7.GATE - Qualified	20%	30%	32%	35%	37%
	8.TANCET - Appeared	25Students	30Students	40 Students	50 Students	70Students
	9. .TANCET - Qualified	20%	25%	27%	30%	35%
	11.Entrepreneur Development	Introduce	5 Activities	10 Activities	15 Activities	20 Activities
	12.Best Student - Awards	1/Dept(Course)	1/Dept(Course)	1/Dept(Course)	1/Dept(Course)	1/Dept(Course)
	13.Top academic Students' Scholarship (Class-Wise)	2 per Class/Dept	2 per Class / Dept	2 per Class / Dept	2 per Class / Dept	2 per Class / Dept



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4.FACULTY RELATED						
	1.Pass % (UG)	85	85	>=85	>=90	>=95
	2.Faculty Avg. Experience	6	6	7	7	8
	3.Student-Faculty Ratio	6.1	6.1	6.1	6.1	6.1
	4.Attrition Rate	20%	15%	12%	10%	< 10%
4	5. Publication per Dept (With IM. Factor)	25%	50%	70%	75%	80%
	6.Ph.D.	20%	25%	35%	50%	60%
	7.Workshop / FDP Attended - External	1/Faculty	2/Faculty	2/Faculty	2/Faculty	2/Faculty
	8.Workshop / FDP Attended - Internal	1	2	2	2	2
	9.Industrial Training	1 / Dept	2 / Dept	2 / Dept	2 / Dept	2 / Dept
	10.Faculty from Industry	3/dept	3/dept	5/dept	5/dept	5/dept



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5.CO-CURRICULAR (STUDENTS)						
5	1.Publication (UG) - Journal/Conference	20%	45%	55%	65%	85%
	2.Workshop / Seminar Attended	1/Year	1/Year	1/Year	1/Year	1/Year
	3.Industrial Visit	2/Year	2/Year	2/Year	2/Year	2/Year
	4.In-Plant Training	2	2	2	2	2
	5.Internship	6 Weeks	6 Weeks	6 Weeks	6 Weeks	6 Weeks
	6.Club to Strengthen English	Introduce	1 Activity	2 Activities	2 Activities	2 Activities
	7.Value Added Course(s)	1/Dept	2 / Dept (1 from Internal Staff)	2 / Dept (1 from Internal Staff)	2 / Dept (1 from Internal Staff)	2 / Dept (1 from Internal Staff)
	8.Placement Training	15 Days / Year	15 Days / Year	15 Days / Year	15 Days / Year	15 Days / Year
	9. Personality Development class	2 Activities/ Year	2 Activities/ Year	2 Activities/ Year	2 Activities/ Year	2 Activities/ Year



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6.EXTRA CURRICULAR (SUPPLEMENTARY PROCESS)

6	1.Sports	Athletic	volley ball	Judo	Basket ball	cricket
	2.Tournaments @ Level	College Level	College Level	College Level	Zonal Level	Zonal Level
	3.Alumni Association	Introduce 1/Year	2/Year + Local Chapter	2/Year + 2 Local Chapter	2/Year + Decade meet	2/Year + 2 Local Chapter
	4.Association	Introduce 1/Year	2/Year	3/Year	3/Year	3/Year
	5.IAS, IES (UPSC) & Banking exam	10 Students	20 Students	30 Students	35 Students	45 Students
	6.Foreign Language Training	1 Language	1Language	1 Language	1 Language	1Language
	7.Vocational / NSDC Training	1/dept	1/dept	1/dept	1/dept	1/dept
	8.Village adoption/ISR/CSR	5	5	5	5	5



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7.RESEARCH AND DEVELOPMENT STRATEGY

	1.Research FDP/Workshop	2 Nos.	2 Nos.	2 Nos.	2 Nos.	2 Nos.
	2.Ph.D. completion	1	2	2	3	3
	3.Ph.D. registration	Plan to Initiate	4	5	6	7
	4.Funded Project - applied (10 - 15 lakhs)	2 Nos.	3 Nos.	5 Nos.	7 Nos.	10 Nos.
	5.Funded seminar/workshop conducted	1	2	3	4	5
7	6.Internatioanl Conference	1	1	1	1	1
	7.Funded Student Project	1/dept	2/dept	3/dept	3/dept	4/dept
	8.MoU with industry	2 Nos.	3 Nos.	3 Nos.	3 Nos.	3 Nos.
	9.MoU with IIT, NIT and reputed institutions	1 No	2 No	2 No	2 No	2 No
	10.Consultancy	1 /dept	2 /dept	3 /dept	4 /dept	4 /dept
	11.Patent applied (TOTAL)	2	5	7	9	10
	12.Technology Incubator	1	1	1	1	1