



**ACADEMIC REGULATIONS 2021 FOR**

**Ph.D. PROGRAMMES**

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## PREAMBLE

## Sri Manakula Vinayagar Engineering College (SMVEC) offers scholastic programmes leading to the award of Ph.D. degree in varied departments. The Doctor of Philosophy (Ph.D.) degree is one of the highest academic degrees which require prolonged study with extensive academic perception. As per this regulations, the degree of Doctor of Philosophy (Ph.D.) of SMVEC shall be conferred to a candidate who has submitted a thesis or dissertation on the basis of original and independent research in any particular subject / discipline or involving more than one discipline (inter-disciplinary) that makes a contribution to the advancement of knowledge, which is approved by Board of Examiners as required. The Ph.D. Regulations of Sri Manakula Vinayagar Engineering College is based on the UGC (Minimum Standards and Procedure for award of Ph.D. degree) Regulations 2016 and Pondicherry University research guidelines 2020 which comprises of starting from the admission to the Ph. D programme to the award of “Degree of Doctor of Philosophy”. All the particulars of research scholars from admission to egression shall be maintained cautiously by Controller of Examinations.

The Regulations shall be applicable to all Programmes of Ph.D. Degree in Engineering and Technology, Science & Humanities and Management Studies offered by Sri Manakula Vinayagar Engineering College (SMVEC), Puducherry.

## GENERAL ELIGIBILITY

* 1. **Educational Qualifications (Full-time and Part-time)**
     1. Candidates for admission to the Ph.D Programmes shall have a Master’s Degree from a UGC recognized University in India or a professional degree declared equivalent to the Master’s degree by corresponding statutory regulatory bodies or professional councils like AICTE, having secured a **minimum of 55% marks** or equivalent grade.
     2. Candidates of Indian origin or overseas students who have qualified for a Master’s Degree of an accredited overseas university, having secured a minimum of 55% marks or equivalent grade specified by **Association of Indian Universities (AIU).**
     3. The programmes listed in the Association of Indian Universities (AIU), New Delhi –11000 ([www.aiuweb.org](http://www.aiuweb.org/)). In case, the University / Board is not included in the said list, the candidate has to obtain and submit an equivalence certificate to this effect from the Association of Indian Universities (AIU).
     4. A relaxation of **5% of marks, from 55% to 50%,** or an equivalent relaxation of grade, may be allowed for those belonging to SC/ST/OBC (non-creamy layer)/differently-abled and other categories of candidates as per the decision of the Commission from time to time.

## Educational Qualifications

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| **Sl. No** | **Programme** | **Qualification for Admission** |
| 1 | Ph.D. Degree in Engineering/ Technology | M.E. / M.Tech. / M.S. (By Research) in  the relevant branch of Engineering or Technology |
| 2 | Ph.D. Degree in Science and Humanities | M.Sc. / M.A. / M.S. (By Research) /M.Phil in the relevant branch of Science and Humanities/ M.C.A |
| 3 | Ph.D. Degree in Management Studies | MBA / Post Graduate Diploma in Business Management or Administration awarded by Indian Institute of Management (IIM) /  M.S. (By Research) in Management  Sciences. |

1. **CATEGORIES OF PH.D. SCHOLARS**

There shall be three categories of Ph.D.scholars

## Full-time Research Scholars

* + 1. Full Time Ph.D. Research scholars are those who pursue full- time research in the campus under the guidance of a Research Supervisor in the Departments.
    2. Candidates sponsored by AICTE under Quality Improvement Programme for teachers of Engineering Colleges and who satisfy the eligibility conditions shall apply for Full-time category only, in the specializations as notified in the AICTE guidelines.
    3. Full Time (PhD Research scholars) may receive SMVEC Research Fellowship provided by the institution if the candidate fulfills the policy framed by the institution.
    4. Full-time scholars shall necessarily sign in the attendance register on all working days at the respective place of research.

## Part-time (Internal) Research Scholars

1. Research scholars employed with two years of experience in SMVEC possessing the minimum prescribed qualifications shall register in part time Internal.

## Part-time (External) Research Scholars

* + 1. Research scholars employed in educational institutions, R & D organizations, National laboratories, Industry having R&D facilities, with minimum Two years of experience can register in part time External**.**
    2. Industry Employees with a minimum of **ten years of experience** after obtaining the Master’s Degree in Government institutions, Local Bodies like AMIE etc., recognized Institutes, Public Sector Undertakings, Non- Governmental Organizations, provided the candidate has experience in the relevant field of research for at least three continuous years out of ten years of service, and published at **least two Papers** in UGC approved journals or SCI journals, or reports / monologues / book of equivalent standard, or a patent registered, in the concerned subject / area of research.
    3. The Part time external candidate has to submit the No Objection Certificate from the institution/ Industry/ Organization, before admission.
    4. Foreign candidates will be required to produce clearance from Government of India (GOI) and/or other approved authorities.

## MODE OF SELECTION

1. Admission for Ph.D. programmes shall be advertised in leading newspapers and also in the Institute website once in a year.
2. Depending on the number of available Research Supervisors, specialized areas and the vacant Ph.D. seats under each discipline shall be notified in the institute website.
3. The candidates seeking admission have to fill in the prescribed application form and submit the same within the prescribed date specified in the admission notification. The admission shall be based on the criteria notified by the Institute and also taking into account the reservation policy of the Central/State Government from time to time.
4. The Centre for Research shall screen the applications as per the eligibility norms prescribed in the Regulations and then for the eligible candidates’ entrance test shall be conducted after giving notification.
5. The syllabus for the entrance test shall consist of research methodology and subject specific. The scholar should secure 50%, marks in the entrance test so as to qualify for interview. Relaxation of 5% of marks (from 50% to 45%) shall be allowed in the entrance examination conducted by the Institution for the candidates belonging to SC/ST/OBC (Non-Creamy layers)/Differently-abled category.
6. The selection of candidate is based on the weightage of 70% of scores secured in entrance examination and 30% on the basis of performance in the interview.
7. To conduct the interview for the selection of the Ph.D. candidates, a Research Admission Committee for each Department shall be constituted consisting of all the faculty members eligible to guide in that Department, Dean Research and a nominee of Head of the Institution. The Head of the Department will convene the meetings of the Research Admission Committee. One member of the Committee shall belong to the SC/ST category. If no SC/ST faculty is available in the Department concerned, a SC/ST member from other Departments may be co-opted as a member.

## 4.1. Entrance Exempted category

Candidates with valid GATE score, UGC/CSIR (JRF)/NET/SLET/Scientists working in DRDO/Teacher-Fellowships/M.Phil/other National level eligibility test may be exempted from written entrance examinations.

## ADMISSION

1. The selected candidate shall be admitted for the Ph.D. programme in the respective discipline based on his/her PG qualification. The Research Advisory Board constituted by the Head of the Institution shall approve and recommend the short listed candidates for admission to the Ph.D. programme.
2. The candidates short listed in entrance test shall be called for interview. The candidates are required to discuss their research interest/ area through a power point presentation before Research Admission Committee.
3. Selected candidates shall be provisionally admitted for Ph.D. programme with the approval of the Head of the institution on verification of original certificates and payment of prescribed fee.
4. Admission to Ph.D. Programme shall be made in accordance with the existing and applicable reservation rules in force.
5. The list of registered candidates with particulars of their area of research, supervisor, and date of enrollment / registration will be placed in the Institution website.
6. The Scholar, Supervisor, Co-Supervisor, Doctoral Committee members and Examiners shall not be relatives to one another.

## DURATION OF THE RESEARCH PROGRAMME

1. The duration of Full-Time Ph.D. programme shall be a minimum period of three years from the date of registration, and two years for those with M. Phil. or equivalent degree.
2. Part-Time Ph.D. candidates [both Internal and External], shall have to complete a

**Minimum of three years** from the date of registration.

1. All candidates shall publish minimum **two research papers in SCI Journals or UGC approved journals** and have presented papers at least in **one International Conference** in reputed institution before submitting the Synopsis.
2. The maximum time limit for submission of the Ph.D. Thesis from the date of provisional registration is five years in the case of full time and six years in the case of part-time (internal/external) candidates. However, a maximum of two extensions of six-months duration shall be given based on the recommendations of Doctoral Committee members, Head of the Department, Dean Research, Dean Academics, Registrar and Controller of Examinations at the discretion of the Head of the institution. The same has to be communicated to the Controller of Examinations, Pondicherry University.
3. Women candidates and Persons with Disability (more than 40% disability) may be allowed a relaxation of two years from the maximum duration. In addition, the women candidates may be provided Maternity Leave/Child Care Leave once in the entire duration of the Ph.D. up to 240 days as per Government of India norms which is in force from time to time.

## CHANGE OF REGISTRATION – FULL TIME TO PART TIME

1. Conversion of the Ph.D. research from full-time to part-time and vice-versa will be allowed only in special circumstances on the recommendation of Doctoral Committee members after the **completion of two years** from the date of registration. The recommendations of DC members will be forwarded to the Controller of Examinations of the institution and in turn to the Head of the Institution for final decision.
2. The scholar should have successfully completed the course work, apart from this, the Doctoral Committee members shall evaluate the effective progression of research work based on the presentation and detailed report submitted by the scholar.
3. The Scholar should produce No Objection Certificate from Head of the Institution/Organization where he/ she is presently employed.

## PROGRESS OF RESEARCH WORK

1. A research scholar shall appear before the Doctoral Committee (DC) members once in **six months** to make a presentation of the progress of his/her work for evaluation/ orientation etc.,
2. The minutes of Doctoral Committee meeting has to be submitted to the Controller of Examinations of the institution for record purpose and a copy of the minutes will be forwarded to the Controller of Examinations, Pondicherry University for further processing at the end of

the completion of research work.

1. If a scholar fails to appear before Doctoral Committee (DC) members for more than a year, it may result in cancellation of the Ph.D. Registration.

## ELIGIBILITY CRITERIA FOR Ph.D. SUPERVISOR

1. Any regular Professor of the Institute with at **least five** research publications in **UGC approved Journals or** SCI **Journals** / Associate Professor with at least four research publications / Assistant Professor of the Institute with a Ph.D. degree and at **least two** research publications in **UGC approved Journals or SCI Journals** with three years of full -time teaching experience may be eligible for Research Supervisors.
2. Professor/ Associate Professor/ Assistant Professor should have published two research articles after awarding of Ph.D. degree may be eligible for Research Supervisor.
3. Full time Faculty members fulfilling the above prescribed norms (a) and (b) shall apply for Ph.D. Supervisor in the prescribed application form to the Dean – Research. Dean- Research will scrutinize the applications and those applications which fulfill the norms will be kept before the Research Advisory Committee for approving the qualified supervisors.
4. Only a full-time regular teacher of the Institute can act as supervisors whereas external supervisors are not permissible. However, Co-Supervisor can be allowed in inter-disciplinary areas from other departments of the same institute or from other related institutions with the recommendations of the Research Advisory Committee and with the approval of the Head of the institution.
5. The allocation of Research Supervisor for a selected research scholar shall be decided by the Department concerned depending on the number of scholars per Research Supervisor, the available specialization among the Supervisors and research interests of the scholars as indicated by them at the time of interview/viva voce.
6. In case of topics which are of inter-disciplinary nature where the Department concerned feels that the expertise in the Department has to be supplemented from outside, the Department may appoint a Research Supervisor from the Department itself, who shall be known as the Research Supervisor, and a Co-Supervisor from outside the Department / Institute on such terms and conditions as may be specified and agreed upon by the consenting Co-Supervisor.
7. A Research Supervisor/Co-supervisor who is a Professor, at any given point of time, cannot guide more than Eight (8) Ph.D. scholars. An Associate Professor as Research Supervisor can guide up to a maximum of six (6) Ph.D. scholars and an Assistant Professor as Research Supervisor can guide up to a maximum of four (4) Ph.D. scholars.

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|  | **Designation** | **Total number of Ph.D. candidates including Full-time and Part-time** |  |
| Professor | 8 |
| Associate Professor | 6 |
| Assistant Professor | 4 |

## RESPONSIBILITIES OF SUPERVISORS

1. The Supervisor carries the major responsibility of guiding the academic progress of the Candidate throughout the period of study.
2. After allocation of research scholar to a supervisor, it is his/her duty to constitute the Doctoral Committee (DC) members. For constitution of Doctoral Committee (DC) members the research supervisor shall furnish a panel of six experts with doctoral qualifications in the field of proposed research, from the faculty members of the institution (not below the rank of Associate Professor)/ other premier institution or universities/ experts from R&D departments from which three will be recommended by the Head of the Institution. The

research supervisor will be the convener of the committee.

1. The supervisors have to frame the course work for the scholar in consultation with the Doctoral Committee members.
2. The supervisors should plan to conduct Doctoral Committee meeting every six months to monitor the progress of work as well as to orient the scholars in the specified research area.
3. To send the minutes of Doctoral Committee meeting to the Dean Research, CoE, Pondicherry University through the Controller of Examinations of the institution.
4. To maintain the copies of records of the reports/minutes of the Doctoral Committee meeting.
5. To ensure the successful and timely completion of the programme, it is essential that Scholars should meet Supervisors regularly for the research discussion and progression of the work. Supervisors must give their Scholars advance notice if they plan to be absent from the college for an extended period of time, of at least six months, and make suitable arrangements for the continued supervision of the Scholar.

## CHANGE OF SUPERVISOR

1. When a Research Supervisor of a research scholar happens to be away from the Institution, for more than 6 months and up to one year, he / she shall continue to guide the research scholar, but a Research Supervisor-in- charge shall be nominated by the Dean Research in consultation with the Head of the Department (HOD). The Research Supervisor -in-charge shall function till the supervisor returns.
2. When a supervisor of a research scholar happens to be away from the Institution for more than one year, an alternate supervisor shall be nominated by the Dean (Research) in consultation with the concerned HOD of the Research Scholar with the permission from the Head of the Institution. The same has to be communicated to the Controller of Examinations of the institution.
3. When a Research Supervisor retires from service on superannuation or leaves service, during the period of submission of Synopsis / Thesis, he / she shall make arrangements for alternative Research Supervisor for his / her research scholar in consultation with the Dean Research, Head of the Department and the Head of the Institution.

## DOCTORAL COMMITTEE (DC)

1. When the Candidate is accepted for provisional registration, a Doctoral Committee will be constituted in each case.
2. Research Supervisor shall furnish a panel of Six experts with doctoral qualifications for every scholar in the field of proposed research, from the faculty members of the institution / Other premier institutions or universities / experts R&D Departments from which three will be recommended by the Head of the institution as Doctoral committee members **(at least one within the Institution and other two may be experts from outside the institution)**.
3. Supervisor of the research scholar shall function as the **convener** of the Doctoral Committee.
4. The doctoral committee should conduct DC meeting twice in a year and minimum Four /Six meeting has to be conducted for the submission of synopsis.

## The committee shall have the following responsibilities:

* + 1. To review the research progress and confirm the topic of research.
    2. To guide the research scholar to develop the study, design and methodology of research and identify the courses that he/she may have to do.
    3. To periodically review and assist in the progress of the research work of the Research scholar.

1. **COURSE OF STUDY**

All candidates admitted to the Ph.D. programme shall be required to complete the course work prescribed by the Doctoral Committee during the I or II semesters.

1. The research scholars should successfully complete a minimum of 4 courses prescribed by the Doctoral Committee.
2. A minimum of four credits shall be assigned to one or more courses. The courses shall be
   1. Research Methodology (b) Research and Publication Ethics (c) Two advanced subject in the area of research.
3. Two courses related to the field of specialization are decided by the Doctoral Committee relating which has to be obtained approval from Board for Studies.
4. The course work shall have a total credit of 16.
5. A course on “**Research and Publication Ethics” (RPE)** is compulsory for all Ph.D. scholars. **The Ph.D. candidate shall write each of the course work examination for 3 hours with the maximum mark of 100 for each Paper.**

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| **Sl. No** | **Course** | **Title of the Course** | **Credits** | **Max. Marks** | | |
| **CAM** | **ESM** | **Total** |
| 1 | I | Research Methodology | 4 | - | 100 | 100 |
| 2 | II | Research and Publication Ethics | 4 | - | 100 | 100 |
| 3 | III | Advanced Course in the  Subject | 4 | 40 | 60 | 100 |
| 4 | IV | Course relating to Research  Theme | 4 | 40 | 60 | 100 |

# Scheme of Evaluation for Advanced Course and Course relating to Research

# Theme:

The advanced course is done under the guidance of the Supervisor. For the Continuous assessment marks (**CAM**), the following two components are used for evaluation.

|  |  |  |
| --- | --- | --- |
| **Sl. No** | **Components** | **Marks** |
| 1 | 5 Seminars | 20 |
| 2 | 3 Test | 20 |
| **Total** | | **40** |

For each of the courses, the maximum internal mark awarded is 4**0**. All the candidates have to appear for an **external (Semester) examination** in each subject conducted by the Controller of Examinations for **60 marks**. The passing minimum is 30 marks in the semester examination. The overall passing minimum is 60 marks.

* All the above course works of the scholar are to be undertaken as per the

# Academic norms and shall be evaluated by the norms of the Institution.

* No change in the prescribed course works shall be made without the approval of the DC. The changes in course content/syllabus and grades shall be approved by the Academic Council.
* Only courses taken after the date of provisional registration shall be considered. Any courses already passed by the candidate prior to the registration shall not be counted for this purpose.
* The Ph.D. scholar has to obtain a minimum of 60%, of marks or its equivalent grade or 6.0 CGPA on 10-point scale in the course work in order to be eligible to continue in the program and to submit the dissertation / thesis.

## EXTENSION OF RESEARCH

1. Scholars who do not submit the thesis within the maximum duration of the programme

(six years) shall apply for extension of three months’ time prior to the completion of six years with the recommendation of the Supervisor to the Dean Research, Dean Academic and Controller of Examinations.

1. In such cases, a maximum grace period of one year, beyond the maximum period of six years shall be granted by the Head of the institution to enable the scholar to submit the Synopsis and Thesis. The same shall be communicated to the Controller of Examinations, Pondicherry University.
2. Extensions will be given to the candidates based on the recommendations of their Doctoral Committee along with the Extension and Annual Fees.
3. However, the final six months grace period shall be granted by the Head of the institution if the scholars submit the synopsis and apply for extension with the recommendation of the Supervisor and Doctoral Committee, at least one month prior to the expiry of the previous extension.

## SUBMISSION OF SYNOPSIS

1. The scholar shall be permitted to submit the Synopsis only after obtaining the confirmation of provisional registration and completion of the minimum duration of the programme applicable to the scholar.
2. Scholar should have **published two research articles in UGC Approved Journals** or **SCI journals** in the field of specialization as first author or second author (if the Supervisor is first author) based on his/her research work and Present **One Research Paper in International Conference** organized by reputed institutions.
3. Publications of the scholars, where a PG student is a corresponding author shall not be considered for processing of his/her Synopsis. The scholar shall not publish research articles with similar contents in part or full in more than one journal, which would result in Self Plagiarism (15%).
4. If the Doctoral Committee approves the research work reported in the Synopsis and submitted to the Dean Research along with a panel of examiners **(6 Indian and 4 Foreigner)** at the level of Associate Professor and above / equivalent scientist grade with minimum five years of post-Ph.D. experience with fairly good publication record (H index).
5. The candidate should submit **Six copies** of the synopsis of the proposed thesis along with the virus-free soft copy in PDF format **in a CD.**
6. Submit the synopsis within 15 days from the date of presentation.
7. The synopsis will not be accepted if it does not fulfill the above requirements. In such a case, synopsis will be denied for submission.

## SUBMISSION OF THESIS

Ph.D. candidate should submit five copies of the thesis along with the virus-free soft copy as a single file having a maximum of 20MB in a CD only in PDF format. The hard and softcopy must be exactly same. Thesis must be signed by the Research Supervisor (Co-supervisor, if included in the Ph.D. registration) and forwarded by Head of the Department / Institution, Controller of Examinations as the case may be.

## Thesis format

1. 80GSM, A4 size paper printed on both sides except title and certificate pages
2. Supervisor, Candidate and Plagiarism-free certificates
3. Times New Roman font with 1.5 Line space should be provided
4. Thesis shall not exceed 300 pages, including appendix, tables, figures etc.
5. Four copies with soft binding

Thesis shall be scrutinized to assess the overall layout, contents and the quality of presentation of the Thesis. The deviation, if any, shall be rectified by the scholar in consultation with the Supervisor and the same shall be approved by the Head of the institution. Moreover the scholar has to ascertain that he/she has cleared all the fee dues then only the thesis will be sent for evaluation.

## THESIS EVALUATION

1. Thesis shall be referred to Three examiners (Two from India and another one from abroad) nominated by the Head of the institution from the panel of examiners recommended by the Doctoral Committee.
2. All the examiners appointed to evaluate the thesis shall be requested to send their reports **within One Months** along with clarifications to be sought from the scholar during the viva- voce.
3. Recommend the acceptance of the Thesis. However, the scholar shall incorporate the corrections indicated in the detailed report and place the corrected copy to the Oral Examination Board but the corrected Thesis need not be sent to the examiner.
4. Defer the recommendation at this stage and the scholar shall incorporate the suggested modifications in the Thesis and the corrected Thesis along with the scholar’s clarifications shall be sent to the respective examiner through the Controller of Examinations of the institution.
5. Reject the Thesis for the reasons set out in the detailed report.
6. If the examiners recommended for the award of the degree, Thesis shall be provisionally accepted. Any minor revision, modification, etc., suggested by the examiners shall be carried out in the thesis before the Oral Examination Board. Two copies of corrected thesis have to be submitted for preserving the copies in the department as well as in the central library.
7. If any examiner recommends resubmission of the thesis after revision, the scholar shall be permitted to revise and resubmit the thesis along with the resubmission fee within six months; failing which the revised thesis shall not be accepted and his/her registration shall stand cancelled.
8. If the examiners recommend rejection, the Thesis shall be rejected, and the registration of the scholar shall stand cancelled.

## PUBLIC VIVA-VOCE (ORAL EXAMINATION)

1. In case, thesis has been approved, and on receipt of communication from the University, the Guide / Supervisor shall coordinate the conduct of the public Viva-Voce for the Candidate.
2. **One External Indian Examiner** of the thesis and the **Doctoral Committee** shall conduct the public Viva-Voce Examination in the presence of interested members of the public. In case where the Indian examiner who evaluated the thesis is not available, the institution may appoint an alternative eminent person, preferably from the Panel previously submitted for evaluation, for conducting the Viva.
3. The Supervisor shall fix the date and time of the Viva-Voce in consultation with the External Examiner appointed by the Head of the Institution for conducting the Viva- Voce Examination. The Supervisor shall give wide publicity and at least 10 working days' (excluding Saturday, Sunday and Public Holidays) notice for scheduling this Examination. The maximum time limit for conducting the Viva- Voce shall be three months from the date of consolidation of reports. If the Candidate fails to take the Viva-Voce within three months on valid grounds, the Head of the Institution can permit three month extensions on specific request from the Supervisor though the Doctoral Committee, HOD and the Dean Research. If the Candidate fails to take the Viva-Voce even after the extension, the Ph.D. registration gets cancelled.
4. The Viva-Voce can be held on any working day of the Institution.
5. In case, the Supervisor has retired or is in abroad for a long period and is unable to consolidate the reports or convene the Viva-Voce, the HOD can do these works in place of the Supervisor with the approval of Head of the Institution.
6. In the Viva-Voce, the Supervisor will introduce the External Examiner who will then conduct the Examination. The Candidate shall make a 45-minutes presentation of the thesis. After the presentation, the External Examiner shall begin the questioning, followed by the faculty members and the public.
7. After conducting the Viva-Voce Examination, the Supervisor / Convener shall convey to the Controller of Examinations of the Institution, through the HOD and Dean Research, the result of the Examination, endorsed by the External Examiner. A Candidate who is successful in the public Viva-Voce Examination shall be declared to have qualified for the Ph.D. Degree. The recommendations shall be communicated to the Controller of Examinations, Pondicherry University for issuing of Provisional and Degree certificate.
8. A Candidate, who is not successful in the public Viva-Voce Examination, may be permitted to undergo the Viva-Voce Examination a second time, within a period of four months. In the event of he / she is failing again, his / her candidature for the Degree will be rejected.
9. If the Candidate passes the Viva-Voce Examination, the Viva-Voce Examiner and the Supervisor shall consolidate the recommendation and submit through the HOD and Dean Research to the Controller of Examinations for the award of the Degree based on:
   1. The reports of the Examiners who adjudicated the Thesis and
   2. The evaluation of the Candidate’s performance in the Viva-Voce Examination.

## AWARD OF PH.D. DEGREE

If the performance of the research scholar in the Oral examination is satisfactory, he/she will be awarded Ph.D. degree on the recommendation of the Academic Council.

## CANCELLATION OF REGISTRATION

1. The registration will be cancelled for those scholars who have not submitted his/her thesis before the end of the maximum duration including the extension period for the programme. In all the above cancellation cases, the fees paid by the scholar shall not be refunded.
2. The registration is liable for cancellation administratively by the Head of the institution, if
   1. The scholar fails to remit semester fees within the stipulated time
   2. The progress reports of two semesters are not submitted in time or not satisfactory.
   3. The performance is not satisfactory to the Doctoral Committee and accordingly recommended for cancellation.
   4. Prior permission is not obtained for break of study from the Supervisor/Co Supervisor and Head of the institution.
   5. Submission of Thesis beyond three months from the date of approval of Synopsis by the Doctoral Committee.
   6. The act of plagiarism involved in the journal publication/Synopsis/Thesis
   7. Non-disclosure of relieving from the present job and taking up new job elsewhere by Scholar/Supervisor.

## ABBREVIATIONS

SMVEC: Sri Manakula Vinayagar Engineering College HOD**:** Head of the Department

CoE**:** Controller of Examinations DC**:** Doctoral Committee

RAC: Research Admission Committee RAB: Research Advisory Board

AC: Academic Council

UGC: University Grants Commission

AICTE: All India Council for Technical Education AIU: Association of Indian Universities

CSIR: Council for Scientific and Industrial Research NET: National Eligibility Test

SLET: State Level Eligibility Test JRF: Junior Research Fellowship

GATE: Graduate Aptitude Test in Engineering

DRDO: Defence Research and Development Organization PG: Post Graduate

M.Phil. Master of Philosophy M.Tech: Master of Technology GoI: Government of India