Ph.D. Programme
Student Handbook

(Applicable for the batches admitted from the AY: 2024-25)

ADITYA UNIVERSITY

Aditya Nagar, ADB Road, Surampalem - 533 437

INDEX

1. Preamble

Aditya University is a State Private University established under the Andhra Pradesh Private Universities Act, 2016. It has evolved from the renowned Aditya Engineering College in Surampalem, Kakinada District, Andhra Pradesh. Committed to delivering quality higher education that meets global standards, Aditya University is located in Surampalem, Andhra Pradesh. It was founded in the academic year 2001-02 under the guidance of Aditya Academy, Kakinada. The university is recognized by the University Grants Commission (UGC) under Sections 2(f) and 12(B) of the UGC Act, 1956.

Our doctoral programs are designed to develop advanced research skills, promote critical thinking, and equip scholars to become leaders in academia, industry, and beyond. The Ph.D. programs at Aditya University are at the cutting edge of engineering research, inspiring scholars to engage in pioneering research that expands the horizons of engineering knowledge. With access to world-class facilities and guidance from accomplished faculty, our doctoral candidates are well-prepared to make impactful contributions to their respective fields.

These Regulations, known as the "Regulations for the Degree of Doctor of Philosophy (Ph.D.) 2024" of Aditya University, Surampalem, Kakinada District, Andhra Pradesh State, India outline the entrance requirements and procedures leading to the Ph.D. degree.

2. Programs offered:

The University offers the following Ph.D. programs in both Full-time and Part-time modes:

Name of the School	Ph.D. Program offered
School of Engineering	Ph.D. in Civil Engineering
	Ph.D. in Electrical & Electronics Engineering
	Ph.D. in Mechanical Engineering
	Ph.D. in Electronics & Communication Engineering
	Ph.D. in Computer Science & Engineering
	Ph.D. in Petroleum Engineering
	Ph.D. in Mining Engineering
	Ph.D. in Agricultural Engineering
	Ph.D. in Mathematics
	Ph.D. in Physics
	Ph.D. in Chemistry
	Ph.D. in English
School of Business	Ph.D. in Management

3. Eligibility Criteria

3.1 Eligibility Criteria for admission into Ph.D. in Engineering:

Candidates who have completed a 2-year/4-semester master's degree program in Engineering after a 4-year / 8-semester bachelor's degree program or a qualification declared equivalent to the master's degree in Engineering by the corresponding statutory regulatory body, with at least 60% marks in aggregate or its equivalent grade in a point scale wherever grading system is followed or equivalent qualification from a foreign educational institution accredited by an assessment and accreditation agency which is approved, recognized or authorized by an authority, established or incorporated under a law in its home country or any other statutory authority in that country to assess, accredit or assure quality and standards of the educational institution, shall be eligible for admission to the Ph.D. program (Full-time).

A relaxation of 5% marks or its equivalent grade may be allowed for those belonging to SC / ST / OBC (non-creamy layer) / differently abled, Economically Weaker Section (EWS) and other categories of candidates.

3.2 Eligibility Criteria for direct admission into Full-Time Ph.D. in Engineering after bachelor's degree

Provided that a candidate seeking admission for a full-time Ph. D after a 4-year/8-semester a bachelor's degree program should have a minimum of 75% marks or its equivalent grade. A relaxation of 5% marks or its equivalent grade may be allowed for those belonging to SC/ST/OBC (non-creamy layer)/Differently Abled, Economically Weaker Section (EWS). Candidates admitted to the Ph.D. program with a bachelor's degree are required to complete 24 credits from courses offered in the relevant field of specialization at the postgraduate level, in addition to the 6 credits required through the mandatory coursework (Research Methodology, Research & Publication Ethics and Research Seminar-I & II) of the Ph.D. program. Scholars are required to complete 18 credits during the first year of joining. Only after the successful completion of the coursework will they be eligible for the stipend.

3.3 Eligibility Criteria for admission into Ph.D. in Engineering after a Master's in Computer Application

Candidates seeking admission to the Ph.D. program (full-time or part-time) after completing a 2-year (4-semester) Master's degree in Computer Applications (MCA) must have secured a minimum of 60% marks or an equivalent grade. A relaxation of 5% marks or equivalent grade may be granted to candidates belonging to SC/ST/OBC (non-creamy layer)/Differently Abled categories, and those from the Economically Weaker Section (EWS). Candidates admitted to the Ph.D. program with an MCA degree are required to complete 24 credits from courses offered in the relevant field of specialization at the postgraduate level, in addition to the 6 credits mandated under the Ph.D. coursework, which includes Research Methodology, Research and Publication Ethics, and Research Seminar I & II.

3.4 Eligibility Criteria for admission into Ph.D. in Management & Sciences (Mathematics, Physics, Chemistry and English):

Candidates who have completed a 2-year / 4-semester master's degree program after a 3-year bachelor's degree program or qualifications declared equivalent to the master's degree by the corresponding statutory regulatory body, with at least 55% marks in aggregate or its equivalent grade in a point scale wherever grading system or equivalent qualification from a foreign educational institution accredited by an assessment and accreditation agency which is approved, recognized or authorized by an authority, established or incorporated under a law in its home country or any other statutory authority in that country to assess, accredit or assure quality and standards of educational institutions, shall be eligible for admission to the Ph.D. program (Full-time). A relaxation of 5% marks or its equivalent grade may be allowed for those belonging to SC / ST / OBC (non-creamy layer) / Differently Abled, Economically Weaker Section (EWS) and other categories of candidates.

Table 1: Eligibility Criteria

S.No.	Name of the School	Name of the Department	Ph.D. Program offered	Eligibility criteria for admission
1.	School of Engineering	Department of Civil Engineering	Ph.D. in Civil Engineering	M. Tech / B. Tech or equivalent Program
		Department of Electrical & Electronics Engineering	Ph.D. in Electrical & Electronics Engineering	
		Department of Mechanical Engineering	Ph.D. in Mechanical Engineering	
		Department of Electronics & Communication Engineering	Ph.D. in Electronics & Communication Engineering	
		Department of Computer Science & Engineering	Ph.D. in Computer Science & Engineering	
		Department of Petroleum Technology	Ph.D. in Petroleum Engineering	
		Department of Mining Engineering	Ph.D. in Mining Engineering	
		Department of Agricultural Engineering	Ph.D. in Agricultural Engineering	
		Department of Mathematics	Ph.D. in Mathematics	PG Program in Mathematics or equivalent
		Department of Physics	Ph.D. in Physics	PG Program in Physics or equivalent
		Department of Chemistry	Ph.D. in Chemistry	PG Program in Chemistry or equivalent
		Department of English	Ph.D. in English	PG Program in English or equivalent.
2	School of Business	Department of Management Studies	Ph.D. in Management	PG Program in the concerned discipline of Management or equivalent.

a. Criteria for admission into Ph.D. Program (Part-time) for faculty

Candidates satisfying the eligibility conditions noted under sections 3.1 or 3.3 or 3.4 above can be admitted as Part-time candidates through the entrance test, as per the following order of

priority. Admission into the Part-time category will be made based on service seniority in the respective categories.

Faculty working in Postgraduate and Professional colleges having completed at least two years of service. This provision is also applicable to Faculty teaching Physics, Chemistry, Mathematics and Humanities in professional colleges.

<div align="center">**or**</div>

Faculty working in Polytechnic / Government or private Junior or degree Colleges having completed at least four years of service.

b. Criteria for admission into Ph.D. Program (Part-time) for Professionals from Industry/ Research institutes

Minimum 2 Years of experience after the master's degree in Engineering with at least 60% marks in aggregate or its equivalent grade in a point scale wherever grading system is followed or equivalent qualification from a foreign educational institution accredited by an assessment and accreditation agency which is approved, recognized or authorized by an authority, established or incorporated under a law in its home country or any other statutory authority in that country to assess, accredit or assure quality and standards of the educational institution.

Minimum 5 Years of experience in industry after a 4-year / 8-semester bachelor's degree program with at least 60% or its equivalent grade of 6.0 on a point scale is eligible for admission into Ph.D. program.

4. Duration of the Program

4.1 Full-time scholars:

Regular Ph.D (after Master's):

The Ph.D. program will have a minimum duration of three (3) years, including coursework for Ph.D. (Full-time), and a maximum duration of five (5) years from the date of admission. The stipend will be provided for a period of three (3) years only.

A maximum of an additional two (2) years can be given through a process of re-registration as per the Ordinance of the Aditya University; provided however, that the total period for completion of a Ph.D. program should not exceed seven (7) years from the date of admission into the Ph.D. program. Provided further that, female Ph.D. scholars and Persons with Disabilities (having more than 40% disability) may be allowed an additional relaxation of two (2) years; however, the total period for completion of a Ph.D. program in such cases should not exceed nine (9) years from the date of admission into the Ph.D. program.

Direct Ph.D (After B.E/B.Tech):

The Ph.D. program will have a minimum duration of four (4) years and a maximum duration of six (6) years from the date of admission. However, the stipend will be provided only for a period of three (3) years, starting from the second year of admission.

A maximum of an additional two (2) years can be given through a process of re-registration as per the Ordinance of the Aditya University; provided however, that the total period for completion of a Ph.D. program should not exceed eight (8) years from the date of admission into the Ph.D. program. Provided further that, female Ph.D. scholars and Persons with Disabilities (having more than 40% disability) may be allowed an additional relaxation of two (2) years; however, the total period for completion of a Ph.D. program in such cases should not exceed Ten (10) years from the date of admission into the Ph.D. program.

4.2 Part-time scholars:

The Ph.D. program for Part-time students will have a minimum duration of four (4) years, including coursework, and a maximum duration of six (6) years from the date of admission.

A maximum of an additional two (2) years can be given through a process of re-registration as per the Ordinance of the Aditya University; provided however, that the total period for completion of a Ph.D. program should not exceed eight (8) years from the date of admission into the Ph.D. program. Provided further that, female Ph.D. scholars and Persons with Disabilities (having more than 40% disability) may be allowed an additional relaxation of two (2) years; however, the total period for completion of a Ph.D. program in such cases should not exceed ten (10) years from the date of admission into the Ph.D. program.

4.3 The scholar must submit the "No Dues" form to obtain the original certificates.

4.4 Female Ph.D. Scholars may be provided Maternity Leave / Child Care Leave for up to 240 days in the entire duration of the Ph.D. program.

5. Procedure for Admission

The admission process will be conducted in accordance with the criteria established by Aditya University, Surampalem. These criteria will be in line with the guidelines and regulations issued by the University Grants Commission (UGC) and other relevant statutory authorities. The process will also adhere to the reservation policies of the Central/State Government, as applicable and updated from time to time. The following is the step-by-step procedure for the admission process:

5.1 Notification of Admission

- Aditya University, Surampalem (AUS) will notify for the Ph. D admission in various disciplines twice a year (July & January admission) on the university website.
- The notification will include information on eligibility, entrance test details, and important dates.

5.2 Application Submission

- Interested candidates must submit the Ph.D. application form through the University's online admission portal before the deadline.
- All required documents must be uploaded along with the application.

5.3 Eligibility Verification

- The University verifies the application, and the eligible candidate will be called for the Entrance test. Candidates who are qualified in **UGC-NET, UGC-CSIR NET, DBT-NET, ICMR-NET, ICAR-NET, AP-SET**, or have a **valid GATE score** are exempted from the Entrance Test. However, such candidates must attend the interview.

5.4 Entrance Test

- Eligible applicants (except exempted categories) must appear for an online entrance test in the applied discipline, consisting of 100 multiple-choice questions (total 100 marks). The syllabus is available on the University website.
  - 25% of the questions will be from Research Methodology
  - 75% of the questions from Program-Specific Courses
- Duration: 2 hours
- No negative marking
- Qualifying Marks: 50%

5.5 Interview

- Candidates who qualify in the entrance test, as well as those exempted from it, shall be called for an interview (carrying 100 marks) conducted by the Department Research Committee (DRC).
- The Interview Panel shall comprise the DRC Convenor, the Head of the Department, and two to three senior faculty members from the department.

Interview Evaluation Criteria:

Parameter	Marks
(a) Problem Statement	20
(b) Technical Knowledge	40
(c) Paper Publications	20
(d) Academic Excellence	20

5.6 Final Selection

- The final merit list is prepared based on the performance in the Interview, and the list of selected candidates will be published on the University website.

5.7 Provisional Admission

- The Dean (Research & Consultancy) issues the Provisional Admission Order to the selected candidates during the admission.

- Candidates must pay the prescribed fees and submit the original documents/transcripts to R&C cell.

5.9 Allocation of Supervisor

The following is the procedure for allotting a Ph.D. supervisor at Aditya University.

- Candidates are encouraged to contact potential supervisors directly to discuss research interests and the possibility of supervision before the interview process.

- Candidates are informed to submit up to three supervisor preferences to assist in the selection process during the admission.

- The allotment of a supervisor to the candidate is as follows

  i) The allocation of a supervisor is subject to availability, based on the number of candidates that can be assigned to each supervisor during the session. This information will be published on the University website prior to admission.

  ii) If a student provides three preferences and the supervisor's allocation capacity permits, the candidate will be assigned to their first preference. If the first preference is not feasible, the second or third preference will be considered based on the research area.

  iii) If the maximum limit of three preferred supervisors has been reached, the research committee will assign a supervisor based on the candidate's research area. It is not mandatory for the allocation of a supervisor to be based on the candidate's preferences.

  iv) This process will be continuously monitored by the DRC-Convenor and Head of the department in consultation with R&C cell and the recommendations of the

allotment of supervisors shall be submitted to R&C cell. After thorough verification in R&C cell, the final allotment of supervisors shall be released.

5.10 Confirmation of Admission

- After the allocation of Supervisor/Co-Supervisor, the candidate must report to the assigned Supervisor/Co-Supervisor and submit a one-page report outlining the proposed research work along with the joining report to the R&C Cell.

- The Dean (Research & Consultancy) will then issue the Admission Confirmation Order.

6. Allocation of Research Supervisor / Co-Supervisor

6.1 Permanent faculty members working as Professors/Associate Professors/Assistant Professors at Aditya University with at least one year of post-Ph.D. experience and a minimum of three research publications in peer-reviewed or refereed journals will be recognized as Research Supervisors.

6.2 Allocation of Co-Supervisor from Academic Institution:

A Co-Supervisor may be allotted to a scholar based on his/her request, subject to fulfilment of any of the following criteria:

i. The institution faculty member is associated with must hold an NIRF rank equal to or below 200 to ensure academic excellence.

ii. The faculty members who have established research collaboration or engagements with the supervisor/research scholar, as demonstrated by previous or existing collaborations, publications, and/or funded projects.

However, the Research Committee's decision shall be final in the allocation of Co-Supervisor.

6.3 For Ph.D. scholars working in Central government / State government research institutions/ Industry whose degrees are given by Higher Educational Institutions, scientists in such research institutions who are equivalent to Professor / Associate Professor / Assistant Professor can be recognized as co-supervisors.

6.4 Co-Supervisors from within the same department or other departments of the University may be permitted with the approval of the competent authority. Visiting / Adjunct Faculty members shall not act as Research Supervisors and can only act as co-supervisors.

In case of interdisciplinary / multidisciplinary research work, if required, a Co-Supervisor from outside the Department / School / University / Research Institutions may be appointed.

6.5 An eligible research supervisor in the category of Professor / Associate Professor / Assistant Professor can guide up to eight (8)/six (6) / four (4) Ph.D. scholars, respectively.

S. No	Designation	Maximum Number of Scholars Permitted
1.	Professor	8
2.	Associate Professor	6
3.	Assistant Professor	4

6.6 Faculty members with less than three years of service before superannuation shall not be allowed to take new research scholars under their supervision. However, such faculty members can continue to supervise Ph.D. scholars who are already registered until superannuation and as a co-supervisor after superannuation, but not after attaining the age of 70 years.
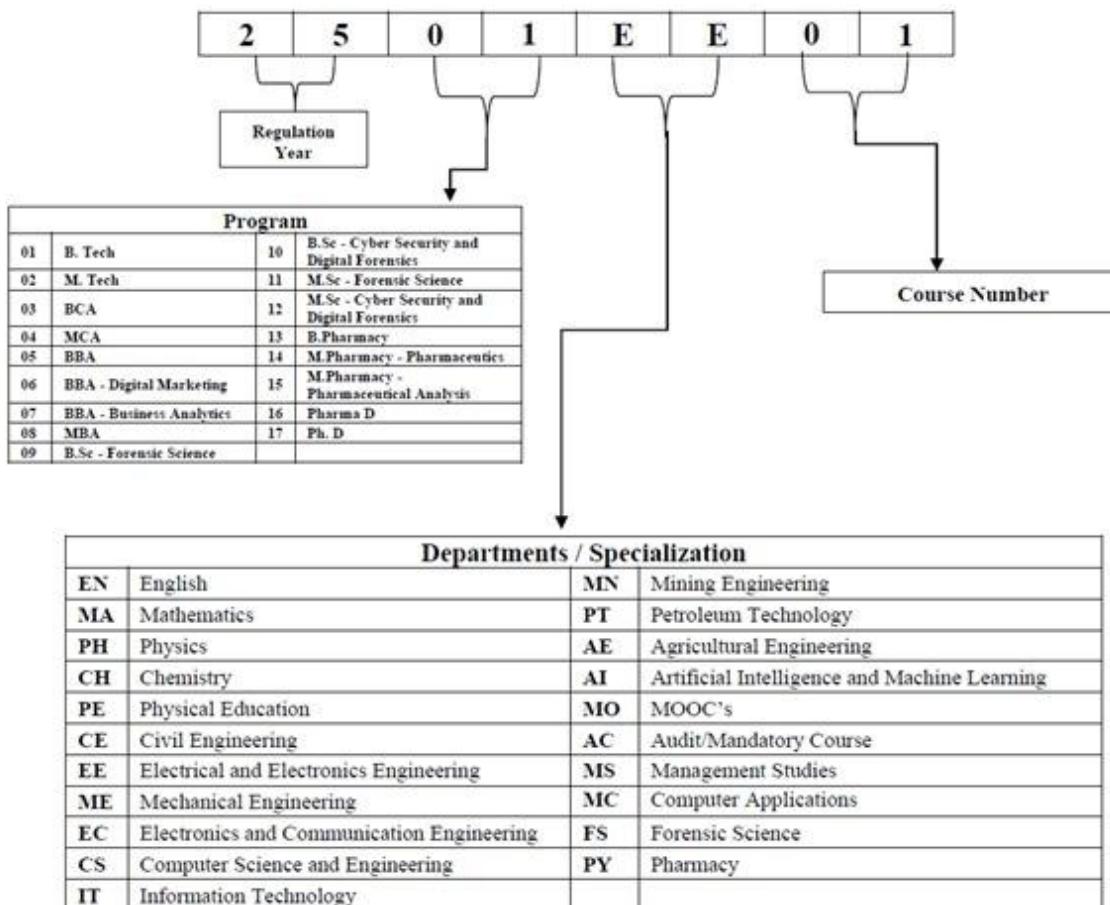
7. Course Work

- The credit requirement for the Ph.D. coursework is a minimum of 12 credits including the courses on 'Research Methodology' and 'Research and Publication Ethics' for 2 credits each. These courses can be completed through MOOCs. The candidate must complete two domain-specific courses of 3 credits each, recommended by the respective Department Research Committee (DRC).

- The candidate is required to present two research seminars in addition to completing the coursework, typically within the first year of the program.
  - ➢ The first seminar must be conducted before the end of the first semester and should introduce the proposed research work.
  - ➢ The second seminar must be held after the completion of coursework or before the end of the second semester and should focus on the detailed research proposal. Each research seminar will carry a credit weightage of one credit.

- The content for the domain-specific courses can be customized / drawn from the PG syllabus to suit the requirements of the scholars and are to be recommended by the respective Supervisor / Co-Supervisor and duly approved by DRC. Registration and the required course work shall be completed within a maximum of one year from the date of admission.

- It may be extended for one more year under special circumstances with the prior recommendation from DRC and approval from Dean (R&C). A Ph.D. scholar must

obtain a minimum of 50% marks or its equivalent grade in the UGC 10-point scale in each course to be eligible to continue in the program and submit his / her thesis.
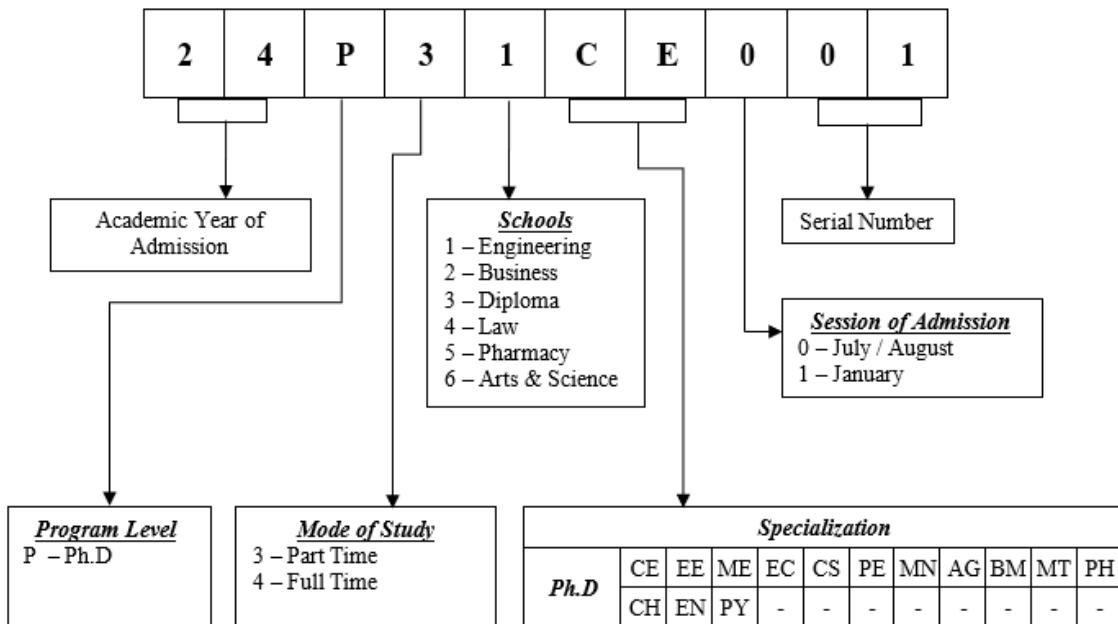
7.1 Course Code Template

Each course is identified by a unique Course Code consisting of eight alphanumerical characters. The first two numerals indicate the regulation year, third numeral indicates the program, the next two alphabets reflect the course offering department, and the rest of the three numerals indicate a running course number

| 2 | 5 | 0 | 1 | E | E | 0 | 1 |

Program

01	B. Tech	10	B.Sc - Cyber Security and Digital Forensics
02	M. Tech	11	M.Sc - Forensic Science
03	BCA	12	M.Sc - Cyber Security and Digital Forensics
04	MCA	13	B.Pharmacy
05	BBA	14	M.Pharmacy - Pharmaceutics
06	BBA - Digital Marketing	15	M.Pharmacy - Pharmaceutical Analysis
07	BBA - Business Analytics	16	Pharma D
08	MBA	17	Ph. D
09	B.Sc - Forensic Science		

Departments / Specialization

EN	English	MN	Mining Engineering
MA	Mathematics	PT	Petroleum Technology
PH	Physics	AE	Agricultural Engineering
CH	Chemistry	AI	Artificial Intelligence and Machine Learning
PE	Physical Education	MO	MOOC's
CE	Civil Engineering	AC	Audit/Mandatory Course
EE	Electrical and Electronics Engineering	MS	Management Studies
ME	Mechanical Engineering	MC	Computer Applications
EC	Electronics and Communication Engineering	FS	Forensic Science
CS	Computer Science and Engineering	PY	Pharmacy
IT	Information Technology		

8. Roll Number Template

A roll number is a unique identification number assigned to students, it's typically used for administrative purposes, including tracking academic performance, exam registration, and identification. A roll number consists of ten alphanumerical characters, the first two numerals indicate the year of admission, third alphabet indicates the Program level, the fourth numeral indicates the mode of study, fifth numeral indicates the school, the next two alphabets indicate the specialization, eight numerical number indicates the session of admission, and the last two numerals indicate the serial number.

| 2 | 4 | P | 3 | 1 | C | E | 0 | 0 | 1 |

Academic Year of Admission

Schools
1 – Engineering
2 – Business
3 – Diploma
4 – Law
5 – Pharmacy
6 – Arts & Science

Serial Number

Session of Admission
0 – July / August
1 – January

Program Level
P – Ph.D

Mode of Study
3 – Part Time
4 – Full Time

Specialization

Ph.D	CE	EE	ME	EC	CS	PE	MN	AG	BM	MT	PH
	CH	EN	PY	-	-	-	-	-	-	-	-

PROGRAM CODE & SPECIALIZATION

Code	Specialization	Code	Specialization
CE	Ph.D. - Civil Engineering	AE	Ph.D. - Agriculture Engineering
EE	Ph.D. - Electrical and Electronics Engineering	CA	Ph.D. - Computer Applications
ME	Ph.D. - Mechanical Engineering	BM	Ph.D. - Business Management
EC	Ph.D. - Electronics and Communication Engineering	MT	Ph.D. - Mathematics
CS	Ph.D. - Computer Science and Engineering	PH	Ph.D. - Physics
PE	Ph.D. - Petroleum Engineering	CH	Ph.D. - Chemistry
MN	Ph.D. - Mining Engineering	EN	Ph.D. – English
PY	Ph.D. - Pharmaceutical Sciences		

9. **Guidelines and Leave Policy for Full-Time Scholars**

9.1 The following are the guidelines for Ph.D. full-time scholars:

   i.   A full-time Ph.D. scholar shall be available at university from 9:30 AM to 4:30PM in working days.

   ii. Full-time Ph.D. scholars must conduct their research regularly under the guidance of their supervisor(s) without interruption during their assistantship.

   iii. A full-time Ph.D. scholar is assigned with a workload of 10 periods per week in teaching and learning process.

9.2 Casual leave and Academic leave Policy:

   i.   A full-time Ph.D. scholar will be entitled to casual leave for 12 days per academic year. The leave may be granted to the scholar by the Head of Department concerned on the recommendation of the Supervisor.

ii. Six (6) academic leaves may be granted to attend Seminars/Conferences per year to present research papers, with the permission of Head of Department concerned on the recommendation of the Supervisor.

iii. Leave beyond 12 days in an academic year may be granted to a Research Scholar in exceptional cases, by the Head of the Department concerned, subject to the following conditions: (i) the leave beyond 12 days will be without Scholarship, and (ii) such an extension of up-to additional 12 days will be granted only once during the program of the Scholar.

iv. The research scholars will be eligible for leaves as per university leave rules/rules of the organization awarding assistantship/Scholarship.

9.3 Research Vacation Policy:

Research scholars who have completed two semesters are eligible to avail for a one-week research vacation during the summer.

10. Research Committees and its Functions

There will be two types of committees. One is the Department Research Committee (DRC) and the other is the Doctoral Advisory Committee (DAC).

10.1 The DRC shall consist of a convenor, one external member from IITs/NITs/state universities, the scholar's respective supervisors, and 3 to 4 internal members from the department. The DRC convenor shall be appointed by the Dean (R&C) in consultation with the respective Head of the Department. The DRC convenor shall be responsible for the following Ph.D.-related activities:

i. Organizing and evaluating Research Seminar-I and Research Seminar-II for each scholar, in collaboration with the HoD and DRC members.

ii. Coordinating the registration of coursework for each scholar through their respective supervisor(s) and verifying the alignment of domain-specific courses with the scholar's research area.

iii. Conduct the Research Review Meeting (s) of each scholar in consultation with HoD and the members of DAC.

iv. Conduction of Pre-talk in consultation with HoD.

v. Submission of list of reviewers for the thesis evaluation in consultation with HoD.

vi. Conduction of Viva-Voce in consultation with HoD.

10.1 There shall be a Doctoral Advisory Committee (DAC) for each Ph.D. scholar. DAC shall consist of the research supervisor of the Ph.D. scholar and two members who have expertise in the area of research (in case of interdisciplinary research, one of the faculty shall be appointed from other department) appointed by the Vice Chancellor. Supervisor of the candidate shall be the Convener of DAC committee. DAC committee shall have the following responsibilities:

   i. To review the research proposal and finalize the topic of research.

   ii. To guide the Ph.D. scholar in carrying out the study, design, and methodology of research and approve the course(s) that he/she may have to do.

   iii. To periodically review (Research Review Meeting(s)) and assist in the progress of the research work of the Ph.D. scholar.

10.2 In each semester, a Ph.D. scholar shall appear before the DAC to present and submit a detailed report on the progress of his / her work for evaluation and further guidance. Similarity Index up to 20% calculated using an anti-plagiarism software may be allowed for the report submitted by scholar. The DAC shall submit its recommendations along with a copy of Ph.D. Scholar's progress report to the HOD. DRC Convenor will consolidate all the reports and submit to the Dean (R&C) who shall forward the same to the Examination Committee for approval. A copy of such recommendations shall also be provided to the Ph.D. scholar.

10.3 Failure to submit two consecutive half-yearly progress reports will entail cancellation of Ph.D. registration of the scholar.

10.4 In case the progress of the Ph.D. scholar is unsatisfactory, the DRC shall record the reasons for the same and suggest corrective measures. If the Ph.D. scholar fails to implement these corrective measures, the DRC may recommend, with specific reasons, the cancellation of the registration of the Ph.D. scholar from the Ph.D. program.

11. Change of Topic/Research Area

11.1 Application for change of Topic/research area should be submitted with the recommendations of Supervisor(s) along with abstract which will be examined by the DRC. Based on the recommendations of DRC, change of topic may be considered.

11.2 Change of Topic is permitted only once in the Ph.D. program. The submission of thesis is permitted only after two years, from the date of change of topic.

11.3 Change of topic is permitted within 2 years for full-time scholars and 3 years for part-time scholars from the completion of course work. However, the stipend will be given for a total period of 3 years only.

11.4 If the candidate is permitted to avail change of topic, then the candidate has to attend minimum two DAC meetings after the date of approval for change of topic.

12. Change of Supervisor(s)

12.1 Change of Supervisor / Co-Supervisor may be permitted by the recommendations of DRC (Convenor) and Dean (R&C).

12.2 Change of Supervisor is permitted in unforeseen circumstances only with the permission of the Vice-Chancellor.

12.3 A change of supervisor is permitted only after one year from the date of admission.

12.4 For a change of supervisor, the scholar must submit an application form with signatures from both the current and new supervisors.

12.5 Request for change of Supervisor / Co-Supervisor is permitted only once in the Ph.D. program.

12.6 Submission of thesis is permitted only after one year from the date of request for change of Supervisor / Co-Supervisor.

12.7 Request for change of Supervisor / Co-Supervisor will not be permitted after 2 years for Full-time and 3 years for part-time program from date of admission.

12.8 If a research scholar requests for allotment of co-supervisor, it may be done with the approval of the Vice-Chancellor.

12.9 If a supervisor leaves the University within one year of the scholar's registration or before Seminar II is completed, a new supervisor shall be appointed. In other cases, the original supervisor may continue as a Co-Supervisor along with the newly appointed supervisor, subject to approval by the AUS and the submission of a no-objection certificate from their current organization.

13. Anti-plagiarism policies

The Dean (R&C) will conduct a plagiarism check using approved software and provide a "Plagiarism Check Certificate" along with the Similarity Index Report. The Similarity Index will include flag checking and AI-generated content, with a permissible limit of up to 20%, excluding published works. The scholar will be permitted to submit the Ph.D. thesis only after meeting these requirements.

14. Pre-Submission of the Thesis:

14.1 Candidate should have

    i.   Completed the course work requirement successfully.

    ii.   Completed the research work and certified by DAC.

    iii.   Completed three review meetings successfully for full-time Ph.D. and four review meetings for part-time Ph.D.

    iv.   Published at least two papers in the area of research in SCI / Scopus Journals having impact factor and one international conference paper (Indexed in Scopus) as first author.

    v.   Paid the University Fee as prescribed, with required fine (if any).

14.2 The paper(s) published prior to the admission into Ph.D. program shall not be counted for fulfilling the requirements.

14.3 Research Papers authored by Candidate, Supervisor and Co-Supervisor (if any) only will be considered. Any deviation from this can be accepted only after prior approval.

14.4 Letter from the scholar should be submitted through Supervisor(s), for arrangements of pre-talk. Synopsis reports (5 copies) and draft copy of the Ph.D. thesis (1 copy) have to be submitted to the Dean (R&C) along with a request letter for the Pre-talk, for forwarding the same to the Chairperson (BOS) for conducting the pre-talk.

14.5 Pre-talk should be arranged in the University premises as an open talk.

14.6 The quality of the work is to be adjudged by the DRC in the review meeting and pre-talk. Recommendations of DRC shall be forwarded to the Dean (R&C).

14.7 The recommendation from the committee and Dean(R&C) shall be made available to the candidate.

14.8 Candidate has to submit the thesis as per the recommendations within a maximum period of 3 months from the date of Pre-talk.

15. Process for Thesis Submission:

15.1 On the recommendation of DRC, the scholar will be required to submit the Ph.D. thesis to Dean (R&C) in the specified format with all suggested modifications included (comments obtained during pre-talk / presentation).

15.2 A panel consisting of 9 experts having designation of Associate Professor and above and research standing in the relevant field/branch of the Ph.D. work, will be proposed by supervisor to the Vice-Chancellor. The experts should be drawn from the

universities/institutions that are within top 200 ranks of NIRF at the time of thesis submission.

15.3 Candidate has to submit the following documents along with Ph.D. thesis.

   i. Anti-Plagiarism approval letter issued by the Dean (R&C) before Pre-talk and before final submission.

   ii. Synopsis of the Thesis (5 copies) and one soft copy of the same.

   iii. Ph.D. thesis (5 copies) along with National and International Journal Papers published by the candidate (to be included in thesis), If research paper is yet to be published, publication acceptance letter has to be included.

   iv. No dues certificate

   v. Letter from the candidate with necessary recommendations from the Supervisor(s)

   vi. Sealed cover with the panel of the 9 Examiners (with affiliation and contact details) as recommended by the Supervisor(s).

   vii. Photostat copy of examination fee receipt for processing the thesis.

15.4 The Vice-Chancellor will finalize three examiners from the panel of 9 examiners to whom the thesis will be sent for evaluation after obtaining their consent.

15.5 The approved examiners will be approached, along with a copy of thesis, to seek their consent.

15.6 The Ph.D. examiners are expected to give their evaluation reports with their recommendation in a prescribed format within 10 weeks of the receipt of the thesis.

15.7 The recommendations and the evaluation reports from all the examiners will be placed before the Vice-Chancellor for further course of action.

15.8 The suggestions given by the examiners will be passed on to the candidate through his / her supervisor. The candidate will be required to submit the final version of thesis in the required format, incorporating all the suggestions, both in hard copy as well as soft copy.

15.9 The candidate through Supervisor and Co-Supervisor (if any) has to submit a letter that comments / suggestions made by the examiners (if any) are incorporated into the Ph.D. thesis.

15.10 If the Vice-Chancellor finds the recommendations and the evaluation reports from all the examiners satisfactory, the date of the final Viva-Voce examination will be decided in consultation with the Viva-Voce examiner.

15.11 In case, the report(s) and recommendation of two of the three examiners are favourable, then the scholar would be recommended for Viva-voce by the Vice-Chancellor.

15.12 If two Examiners reject the thesis, the candidate shall revise and re-submit it within one year. Such cases will be again referred to DRC for due recommendations, followed by routine procedure.

15.13 However, if the report(s) and the recommendation from three examiners are not favourable, then the thesis will be rejected and the Ph.D. degree will not be awarded.

15.14 The candidate may, however, be allowed to Re-register to continue the Ph.D. work on the same topic and under the same Supervisor(s) for a minimum period of one year

15.15 A fresh Thesis has to be submitted by the candidate within two years subject to the condition specified in Section 2. The normal process of the evaluation will be followed afresh.

15.16 One of the three examiners will be appointed as examiner for the final Viva-Voce examination by the Vice Chancellor. If the appointed examiner is unable to conduct Viva-Voce, then, the Vice-Chancellor can select another member to conduct the Viva-Voce.

15.17 Once the thesis is accepted, the candidate will be required to defend his / her Ph.D. work in an open viva-voce examination.

15.18 On the successful completion of the final Ph.D. viva-voce examination and evaluation process the report shall be submitted to Vice- Chancellor for approving the award of Ph.D. degree to the candidate.

15.19 After the approval of Vice- Chancellor, the award of Ph.D. degree would be announced, and a provisional degree certificate would be issued to the scholar.

15.20 The final degree will be awarded in the Convocation.

16. Depository with INFLIBNET:

Following the successful completion of the evaluation process and before the announcement of the award of the Ph.D. degree, an electronic copy of the Ph.D. thesis shall be sent to the INFLIBNET within a period of thirty days as per the guidelines.

17. Curriculum for Coursework

Ph.D. Course Work

The credit requirement for the Ph.D. course work is a minimum of 12 credits including the courses on 'Research Methodology' and 'Research and Publication Ethics' for 2 credits each. The candidate must complete two domain-specific courses of 3 credits each, recommended by the respective Department Research Committee (DRC). These courses can be completed through MOOCs.

The candidate must present two research seminars before the completion of course work, typically within the first year. The first research seminar shall be before the end of first semester on introduction to the proposed research work, and the second seminar shall be before the end of the second semester or after the completion of course work on the research proposal, as per the format provided. Each research seminar will have one credit weightage. The course structure is provided in Table 1, and the list of domain-specific courses is presented separately for each department.

Table 1: Course Structure

S. No.	Course Code	Name of the Course	Credit (s)
1	246UC001	Research Seminar -I	1
2	246UC002	Research Seminar -II	1
3	246UC003	Research Methodology	2
4	246UC004	Research and Publication Ethics	2
5		Domain Specific Course -I	3
6		Domain Specific Course -II	3
Total			**12**

Department of Civil Engineering

List of Domain-Specific Courses

S. No.	Course Code	Name of the Course
1	246CE001	Advanced Concrete Technology
2	246CE002	Finite Element Analysis
3	246CE003	Experimental Techniques and Instrumentations
4	246CE004	Structural Health Monitoring
5	246CE005	Techniques of Material Characterization
6	246CE006	Pavement Analysis and Design
7	246CE007	Advanced Highway Materials
8	246CE008	Computational Techniques in WRE
9	246CE009	Ship Hydrodynamics
10	246CE010	Advanced Water and Waste Water Treatment
11	246CE011	Solid and Hazardous Waste Management
12	246CE012	Advanced Reinforced Concrete Design
13	246CE013	Earthquake Resistant Design of Buildings
14	246CE014	Soil Exploration and Field Testing
15	246CE015	Soil Properties and Behavior
16	246CE016	Highway Traffic Analysis and Design
17	246CE017	Geometric Design of Transportation Facilities
18	246CE018	Free Surface Flow
19	246CE019	Hydraulics of Alluvial Rivers
20	246CE020	Environmental Legislation
21	246CE021	Air and Noise Pollution Control Engineering
22	246CE022	Emerging Contaminants in Water and Wastewater
23	246CE023	Theory of Engineered Cementitious Composites
24	246CE024	Geosynthetics and Reinforced Soil Structures

Department of Electrical and Electronics Engineering

List of Domain-Specific Courses

S. No.	Course Code	Name of the Course
1	246EE001	Electrical Machine Modeling and Analysis
2	246EE002	Intelligent Control Techniques in Electric Drives
3	246EE003	Power Converter Technologies
4	246EE004	Digital Control Systems
5	246EE005	Electric Vehicles & Drives
6	246EE006	Power System Optimization
7	246EE007	Modelling and Control of Sustainable Energy System
8	246EE008	Power System Dynamics and Control
9	246EE009	Intelligent Control Systems
10	246EE010	Control Systems Components
11	246EE011	Power Electronic Converters
12	246EE012	Smart Grid
13	246EE013	Soft Computing Techniques and Applications
14	246EE014	Linear control Theory
15	246EE015	Estimation and Adaptive Control
16	246EE016	Optimal and Robust Control
17	246EE017	Advanced Power Electronic Converters

Department of Mechanical Engineering

List of Domain-Specific Courses

S. No.	Course Code	Name of the Course
1	246ME001	Measurements in Thermal Engineering
2	246ME002	Gas Turbines and Jet Propulsion
3	246ME003	Energy Conservation & Waste Heat Recovery
4	246ME004	Heating, Ventilation and Air-Conditioning
5	246ME005	Convective Heat Transfer
6	246ME006	Renewable Sources of Energy
7	246ME007	Design of Heat Exchangers
8	246ME008	Combustion, Emissions and Environment
9	246ME009	Alternative Fuels
10	246ME010	Cryogenic Engineering
11	246ME011	Solar Energy Technologies
12	246ME012	Advanced Fuel Cell Technologies
13	246ME013	Advanced I.C. Engines
14	246ME014	Optimization Techniques & Applications
15	246ME015	Finite Element Method in Heat Transfer Analysis
16	246ME016	Solar Photovoltaics: Principles, Technologies & Materials
17	246ME017	Advanced Mechanics of Solids
18	246ME018	Mechanical Vibrations and Condition Monitoring
19	246ME019	Analysis And Synthesis of Mechanisms
20	246ME020	Experimental Stress Analysis
21	246ME021	Advanced Mechanical Design
22	246ME022	Advanced machining and micromachining processes
23	246ME023	Advanced Manufacturing Process
24	246ME024	Automation in Manufacturing
25	246ME025	Control of Robotic System
26	246ME026	Leading Edge Additive Engineering

S. No.	Course Code	Name of the Course
27	246ME027	Fracture Mechanics
28	246ME028	Failure Analysis and Design
29	246ME029	Artificial Intelligence and Machine Learning for Mechanical Systems
30	246ME030	Advanced FEM and Simulation Techniques
31	246ME031	Data Analytics
32	246ME032	Quality and reliability
33	246ME033	Process Modelling and Optimization
34	246ME034	Robotic Mobility Systems
35	246ME035	Advanced Composite Materials
36	246ME036	Material Characterization
37	246ME037	Surface Engineering
38	246ME038	Material Characterization

Department of Electronics and Communication Engineering

List of Domain-Specific Courses

S. No.	Course Code	Name of the Course
1	246EC001	Modern Antenna Theory & Design
2	246EC002	Radiating Elements, Analysis and Measurements
3	246EC003	Antenna Measurements
4	246EC004	Design Principles of Microwave Antennas
5	246EC005	Fundamentals of Semiconductor Fabrication Technology
6	246EC006	Design and Analysis of VLSI subsystems
7	246EC007	Sensors and Actuators
8	246EC008	Computer Vision and Image Processing: fundamentals and Applications
9	246EC009	Multimedia and Signal Coding
10	246EC010	Applied Linear Algebra and Optimization for ML Based WC
11	246EC011	Deep Learning
12	246EC012	Signal Transform Techniques
13	246EC013	Speech Signal Processing
14	246EC014	Bio Medical Signal Processing
15	246EC015	Modern Mobile Communication Systems
16	246EC016	Mobile Computing Technologies
17	246EC017	Advanced Wireless Networks
18	246EC018	Advanced 5G Wireless Communication
19	246EC019	Embedded System Design with ARM
20	246EC020	Embedded Networking

Department of Computer Science and Engineering

List of Domain-Specific Courses

S. No.	Course Code	Name of the Course
1	246CS001	Data Science Fundamentals
2	246CS002	Modern Computer Networks
3	246CS003	Machine learning systems
4	246CS004	Robotics and Automation
5	246CS005	Artificial Cognitive Systems
6	246CS006	Internet of Things
7	246CS007	Fog and Edge Computing
8	246CS008	Secure Cloud Computing
9	246CS009	Soft computing techniques
10	246CS010	AI for Cyber Security
11	246CS011	AI for Language and Text Processing
12	246CS012	Block Chain Technology
13	246CS013	Quantum Computational Methods
14	246CS014	Computer Vision and Image Processing
15	246CS015	Introduction to Machine Learning
16	246CS016	Machine Learning for Engineering and Science Applications
17	246CS017	Computer Networks and Internet Protocol
18	246CS018	Natural language processing
19	246CS019	Advanced Computer Networks
20	246CS020	Computer Vision and Image processing - Fundamentals and Applications
21	246CS021	Introduction to Soft Computing
22	246CS022	Introduction to Internet of Things
23	246CS023	Cryptography and Network Security
24	246CS024	Data analytics with Python

Department of Mining Engineering

List of Domain-Specific Courses

S. No.	Course Code	Name of the Course
1	246MN001	Applied Rock Mechanics
2	246MN002	Rock Mechanics & Ground Control
3	246MN003	Geomechanics
4	246MN004	Rock Fragmentation Engineering
5	246MN005	Physical & Numerical Modelling
6	246MN006	Tunneling Technology
7	246MN007	Design of Mine Supports
8	246MN008	Numerical Methods for Subsurface Environment
9	246MN009	Numerical Methods for Underground Excavations
10	246MN010	Drilling and Blasting Technology
11	246MN011	Planning of Underground Coal Mines
12	246MN012	Planning of Underground Metal Mines
13	246MN013	Planning of Surface Mines
14	246MN014	Underground Excavation Equipment
15	246MN015	Surface Excavation Technology & Equipment
16	246MN016	Environmental Impact Assessment & Management in Mines
17	246MN017	Planning of Underground Ventilation Systems
18	246MN018	Risk & Safety Management in Mines
19	246MN019	Network Analysis for Mines and Mineral Engineering

Department of Petroleum Technology

List of Domain-Specific Courses

S. No.	Course Code	Name of the Course
1	246PT001	Advanced Petroleum Geology
2	246PT002	Production Engineering
3	246PT003	Reservoir Engineering-I
4	246PT004	Production Technology-I
5	246PT005	Petroleum Sedimentology
6	246PT006	Reservoir Engineering-II
7	246PT007	Petroleum Economics & Environmental Management
8	246PT008	Drilling Fluids
9	246PT009	Drilling Technology
10	246PT010	Production Technology-II
11	246PT011	Oil and Gas Economics and Risk Management
12	246PT012	Enhanced Oil Recovery Techniques
13	246PT013	Drilling Engineering Hydraulics
14	246PT014	Exploration and Formation Evaluation of Oil and Gas Reservoirs
15	246PT015	Offshore Drilling and Production Practices
16	246PT016	Surface Facility for Oil and Gas Handling
17	246PT017	Reservoir Simulation
18	246PT018	Artificial Life Technology for Oil and Gas Production
19	246PT019	Production Chemicals & oil field chemistry
20	246PT020	Flow Assurance

Department of Agricultural Engineering

List of Domain-Specific Courses

S. No.	Course Code	Name of the Course
1	246AE001	Design of Farm Power and Machinery Systems
2	246AE002	Soil Dynamics in Tillage and Traction
3	246AE003	Testing and Evaluation of Tractors and Farm Equipment
4	246AE004	Design and Analysis of Renewable Energy Conversion Systems
5	246AE005	Tractor Design
6	246AE006	Soil and Water Systems Simulation and Modelling
7	246AE007	Flow through porous media
8	246AE008	Watershed Management & Modelling
9	246AE009	Crop Environmental Engineering
10	246AE010	Dryland Technology
11	246AE011	Agricultural Drainage Systems
12	246AE012	Fruits & Vegetables Process Engineering
13	246AE013	Transport Phenomena in Food Processing
14	246AE014	Food Processing Equipment Design
15	246AE015	Advances in Food Processing
16	246AE016	Advances in Drying of Food Materials
17	246AE017	Milling of Food Materials
18	246AE018	Machine Learning for Soil and Crop Management
19	246AE019	Design, Operation & Evaluation of Pressurized Irrigation System

Department of Mathematics

List of Domain-Specific Courses

S. No.	Course Code	Name of the Course
1	246MA001	Boundary Value Problems
2	246MA002	Ordinary Differential Equations
3	246MA003	Mathematical Methods
4	246MA004	Fundamentals of Probability and Logic
5	246MA005	Fuzzy Set Theory and Fuzzy Logic
6	246MA006	Universal Algebra
7	246MA007	Fluid Dynamics
8	246MA008	Non-linear Functional analysis
9	246MA009	Real Analysis
10	246MA010	Operations Research
11	246MA011	Abstract Algebra
12	246MA012	Lattice Theory
13	246MA013	Boolean Algebra
14	246MA014	Numerical Methods

Department of Physics

List of Domain-Specific Courses

S. No.	Course Code	Name of the Course
1	246PH001	Quantum Mechanics
2	246PH002	Materials Science
3	246PH003	Polymers and Nano-Composites
4	246PH004	Nano-Magnetism
5	246PH005	Introduction to Low Temperature Liquids and Amorphous Materials
6	246PH006	Modern Physics
7	246PH007	Glass Science
8	246PH008	Industrial Nanotechnology
9	246PH009	Surface Engineering for Nanotechnology
10	246PH010	Advanced Equilibrium and Non-Equilibrium Statistical Mechanics
11	246PH011	Fundamentals of Spectroscopy
12	246PH012	Atomic And Molecular Physics
13	246PH013	Elements of Modern Physics
14	246PH014	Electronic Theory of Solids
15	246PH015	Characterization of Polymers Elastomers and Composites
16	246PH016	Properties of Glass Materials

Department of Chemistry

List of Domain-Specific Courses

S. No.	Course Code	Name of the Course
1	246CH001	Theoretical and Computational Chemistry-Methods and Applications
2	246CH002	Interpretative Molecular Spectroscopy
3	246CH003	Essentials of Oxidation, Reduction and C-C Bond formation. Application in Organic Synthesis
4	246CH004	Chemistry Nanomaterials
5	246CH005	Nuclear Chemistry in Research and Industry-Techniques and Innovations
6	246CH006	Sensor Technologies in Chemistry-Principles and Applications
7	246CH007	Organic Transformations and Reagents-Catalysis, Selectivity, and Functional Group Interconversions
8	246CH008	Medicinal Chemistry
9	246CH009	Advanced Green Chemistry-Sustainable Strategies and Innovations in Chemical Processes.
10	246CH010	Environmental Quality Monitoring & Analysis
11	246CH011	Industrial Waste Water Treatment

Department of English

List of Domain-Specific Courses

S. No.	Course Code	Name of the Course
1	246EN001	New Emerging Trends / Advanced Studies in ELT
2	246EN002	Sociolinguistics
3	246EN003	Translation Studies
4	246EN004	Soft Skills
5	246EN005	English for Specific Purposes
6	246EN006	English Language Teaching
7	246EN007	English Language for Competitive Exams
8	246EN008	Indian Writing in English
9	246EN009	Post-Colonial Literature
10	246EN010	Literary Criticism (From Plato to Leavis)
11	246EN011	American Literature
12	246EN012	Women's Writings
13	246EN013	Refugee, Migration, Diaspora

School of Business – Management

List of Domain-Specific Courses

S. No.	Course Code	Name of the Course
1		Managerial Economics
2		Global Markets and International Strategy
3		Strategic Management
4		Entrepreneurship
5		Project Management for Managers
6		Marketing Management
7		Retail Marketing
8		Services Marketing
9		Marketing Research and Analysis
10		Customer Relationship Management
11		Product and Brand Management
12		Retail Marketing Strategy
13		Sustainable Marketing and Consumer Behaviour
14		Corporate Finance
15		Financial Services and Markets
16		Security Analysis & Portfolio Management
17		Commodity Derivatives & Risk Management
18		Financial Technology
19		Introduction to Indian Banking System
20		Human Resource Management
21		Organisational Behaviour
22		Organisation Change and Development
23		Compensation and Reward Management
24		Performance and Reward Management
25		HR Analytics and Strategic HRM
26		Supply Chain Management
27		Operations and Supply Chain Management

28		Production and Operations Management
29		Service Management: Integrating Strategy, Operations, and Technology
30		Data Mining for Business Decisions
31		Business Analytics

School of Pharmacy - Pharmaceutical Sciences

List of Domain-Specific Courses

S. No.	Course Code	Name of the Course
1		Modern Pharmaceutics
2		Regulatory Affairs
3		Nano Technology and Targeted Drug delivery systems
4		Advanced Biopharmaceutics & Pharmacokinetics
5		Cosmetics and Cosmeceuticals
6		Pharmaceutical Formulation Development
7		Novel drug delivery systems
8		Drug delivery: Principles and Engineering
9		Advanced Organic Chemistry
10		Advanced Medicinal chemistry
11		Chemistry of Natural Products
12		Pharmaceutical Process Chemistry
13		Scale up and Technology Transfer
14		Principles of Drug Discovery
15		Artificial Intelligence in Drug Discovery and Development
16		Computer Aided Drug Design
17		Advanced Pharmaceutical Biotechnology
18		Proteins and protein Formulation
19		Biological Evaluation of Drug Therapy
20		Bioinformatics and Computer Technology
21		Bioprocess Engineering and Technology
22		Microbial And Cellular Biology
23		Experimental Biotechnology
24		Immunotechnology
25		Modern Pharmaceutical Analytical techniques
26		Food Analysis

27		Advanced Instrumental Analysis
28		Herbal and Cosmetic Analysis
29		Quality Control and Quality Assurance
30		Modern Bio-Analytical Techniques
31		Advanced Spectral Analysis
32		Interpretative molecular spectroscopy
33		Clinical Research
34		Clinical Pharmacokinetics and Therapeutic Drug Monitoring
35		Pharmacoepidemiology & Pharmacoeconomics
36		Cellular and Molecular Pharmacology
37		Advanced Pharmacology and therapeutics
38		Pharmacological and Toxicological Screening Methods
39		Neuro Biology
40		Cancer Biology
41		Indian system of medicine
42		Industrial Pharmacognostical Technology
43		Medicinal Plant biotechnology
44		Herbal cosmetics
45		Advanced Pharmacognosy
46		Regulatory Aspects of Herbal & Biologicals
47		Phytochemistry
48		Pharmacognosy & Metabolic Engineering

18. Academic Calendar
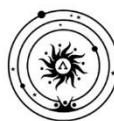
Comprehensive Ph.D. Programme Schedule
(Applicable for the Ph.D. Part-time / Full-time scholars)

S.No.	Description	August - 2024		January -2025		July - 2025	
		From	To	From	To	From	To
1	Release of Notification	30-06-2024		20-11-2024		30-04-2025	
2	Application Opening Date	30-06-2024		20-11-2024		01-05-2025	
3	Last Date for Receiving Applications	15-07-2024		12-12-2024		10-06-2025	
4	Conduction of Written Test	26-07-2024	28-07-2024	15-12-2024		15-06-2025	
5	Release of Written Test Results	01-08-2024		24-12-2024		19-06-2025	
6	Conduction of Interview	12-08-2024	14-08-2024	02-01-2025	04-01-2025	03-07-2025	05-07-2025
7	Release of Provisionally Selected candidates	21-08-2024		25-01-2025		12-07-2025	
8	Admission into the Ph.D. Program & Payment of First Semester Fee	31-08-2024		31-01-2025		21-07-2025	
9	Submission of Preferences for Supervisors	31-08-2024		31-01-2025		21-07-2025	
10	Allotment of Supervisor	24-09-2024		13-02-2025		26-07-2025	
11	Issue of the Ph.D. Admission Offer	26-09-2024		18-02-2025		28-07-2025	
12	Reporting of Full-Time Scholar	26-09-2024		24-02-2025		28-07-2025	
13	Notification of Research Seminar-1	29-11-2024		12-05-2025		12-12-2025	

S.No.	Description	August - 2024		January -2025		July - 2025	
		From	To	From	From	To	From
14	Last date for the second Semester Fee Payment	15-12-2024		15-06-2025		15-12-2025	
15	Research Seminar-1	27-12-2024	28-12-2024	16-06-2025	19-06-2025	22-01-2026	24-01-2026
16	Selection and Submission of Domain-Specific Courses	27-12-2024	28-12-2024	16-06-2025	19-06-2025	22-01-2026	24-01-2026
17	Submission of Course work registration form	30-12-2024		20-06-2025		22-01-2026	27-01-2026
18	Submission of NPTEL Certificate(s)	01-05-2025	15-05-2025	27-11-2025	29-11-2025	01-06-2026	03-06-2026
19	Coursework (Offline) Examination Fee payment	28-04-2025	03-05-2025	03-12-2025	10-12-2025	01-06-2026	06-06-2026
20	Notification of Research Seminar-2	21-05-2025		12-12-2025		12-06-2026	
21	Last Date for the Third Semester Fee Payment	15-06-2025		15-12-2025		15-06-2026	
22	Conduction of Coursework Examination (Offline)	26-05-2025	30-05-2025	17-12-2025	20-12-2025	15-06-2026	18-06-2026
23	Release of Results for Coursework Exam	16-06-2025		30-12-2025		29-06-2026	
24	Research Seminar -2	16-06-2025	19-06-2025	22-01-2026	24-01-2026	06-07-2026	08-07-2026
25	Last Date for the Fourth Semester Fee Payment	15-12-2025		15-06-2026			
26	Research Review Meeting - 1	16-12-2025	20-12-2025	22-06-2026	27-06-2026		
27	Last Date for the Fifth Semester Fee Payment	15-06-2026					
28	Research Review Meeting - 2	15-06-2026	20-06-2026				

19. Annexures

⊛ ADITYA UNIVERSITY
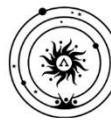
Instructions to the Ph.D. Candidates (National Admission)

The provisionally selected candidates must physically report for Ph.D. admission and pay the prescribed fee.

Fee Details:

Category	Part-Time	Full-Time
Application Fee	Rs. 1,000/-	Rs. 1,000/-
Registration Fee	Rs. 15,000/-	Rs. 15,000/-
Tuition Fee per year	Rs. 70,000/-	Rs. 50,000/-

1. Tuition fees are payable prior to the commencement of each academic year, in two installments. The first installment is due on or before June 15th, and the second on or before December 15th. This payment schedule continues until thesis submission or cancellation of admission, whichever occurs first.

2. If the fee is not paid on the stipulated date, a late fee of 1% (for total pending fees) per month should be paid along with the fee. Candidate must preserve all fee receipts and produce them as and when required.

3. Full-time Ph.D. scholars shall be paid a fellowship of ₹25,000 per month for a period of three years.

4. In case of cancellation of Ph.D. registration by the candidate on his / her request or by University for any reason, the entire fee amount is due till the date of cancellation must be cleared by the candidate.

5. Candidates are requested to produce the following original documents and one set of photostat copies for admission.
   a) SSC Certificate
   b) Intermediate / Diploma Certificate
   c) UG & PG Original Degree & Provisional Certificate
   d) PG Study, Conduct Certificate & Transfer Certificate
   e) Migration Certificate
   f) No Objection Certificate for Part Time
   g) Service Certificate for Part Time
   h) Aadhaar Card Xerox
   i) PAN Card Xerox
   j) Reprints of Publications, if any
   k) Three (3) Passport Size Photographs
   l) GATE / SET/ NET score card, (if applicable)
   m) Certificate of Category (OBC / SC / ST), (if applicable)
   n) Certificate for Person with Disability (PwD), (if applicable)
   o) Supervisor's Acceptance Letter
   p) Joining letter of the Candidate signed by the Supervisor(s)
   q) Candidates are required to adhere the Ph.D. Regulations - 2024 of Aditya University.

⊛ ADITYA UNIVERSITY

Instructions to the Ph.D. Candidates (International Admission)

1. Students admitted to the full-time or part-time Ph.D. program must report to the university at the time of admission.
2. Students are not required to pay any fees for the entrance for admission.
3. A provisional admission offer will be sent to the selected candidates after the interview.
4. The candidate must report to the university within six months from the date of admission; otherwise, the admission shall be cancelled.
5. During this six-month period, scholars must complete their coursework online. However, the coursework examinations will be conducted offline at the university.

Admission Process for Full-Time Scholars:

Fee Details:

Particulars	Amount (USD)
Admission fee	250
Registration Fee	250
Tuition Fee per year (for 3 Years)	1000

a) Upon payment of the admission, registration, and tuition fees of $ 1500, a confirmation of admission will be issued, along with supervisor allotment, to facilitate the visa process.
b) A fellowship of ₹25,000 (INR) per month will be provided to full-time research scholars for a period of three years.
c) Tuition fees must be paid on or before 15th June of every academic year.

Admission Process for Part-Time Scholars:
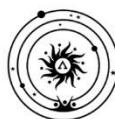
Fee Details:

a. The total tuition fees must be paid within the first two years from the date of admission, as per the following schedule:

Particulars	Amount (USD)
Registration & Admission Fees	500
Tuition Fees – Semester I (At the time of reporting to the University)	1000
Tuition Fees – Semester II	700
Tuition Fees – Semester III	700
Tuition Fees – Semester IV	700

b. Upon reporting to the university, part-time scholars must stay for a maximum of 30 days to complete their Research Seminar-I and coursework examination.
c. The Research Seminar-II, Research Review Meetings (RRMs), and Pre-talk will be conducted online. The final Viva-voce must be attended in person (offline) at the university.
d) Tuition fees must be paid on or before 15th June (for the Odd Semester) and 15th December (for the Even Semester) of each academic year.

6. If the tuition fee is not paid by the stipulated date, a late fee of 1% of the total pending fees per month will be applied. Candidates must preserve all fee receipts and produce them when required.
7. Students visiting the campus for admission will be provided with food and accommodation facilities on a payment basis.
8. Candidates must present the following original documents along with one set of photocopies:
    1. O level / Primary Certificate
    2. A level / Secondary Certificate
    3. Bachelor's degree Certificate
    4. Master's degree Certificate
    5. Passport/ National ID Card
    6. Reprints of Awards and Publications, if any
    7. Three (3) Passport Size Photographs
    8. Supervisor's Acceptance Letter
    9. Joining letter of the Candidate issued by the Supervisor
    10. Candidates are required to adhere to the Ph.D. Regulations of Aditya University, as published on the university website.

ADITYA UNIVERSITY

Biodata of the Candidate

1. Application ID   :

2. Name (in Block letters)   :

3. Program Applied for   : Ph.D. in_____

4. Category (Full time/Part time)   :

5. Father's / Husband's Name   :

6. Mobile No & E-mail   :

7. Permanent Address   :

8. Present Address   :

9. Date of Birth   :

10. Caste Category   :
    (Enclose latest copy of the reserved category certificate issued by competent authority)

11. Details of Academic Qualifications (starting from SSC) :
    (Enclose attested copies of all the certificates)

Qualification/ Examination	Specialization	College/School where studied	University/ Board	Year of Passing with division	Aggregate %

12. Details of Employment :
    (Enclose No objection and Service certificate from the present employer)

Name of Employer / Organization	Designation	Duration of Employment		Regular/ Ratified/ Temporary appointment
		From	To	

13. Details of the Qualified Exam (GATE/NET/SLET) :
    (Enclose the Xerox copy of the qualified exam)

Name of the Qualified Examination	Score/Rank	Year

14. Details of the Research Publications (if any) :
    (Enclose the first page of the research publications)

Names (s) of the Authors	Title of the Paper	Name of the Journal/ Conference	Volume No, Issue No, Year	Indexed in SCI/Scopus /UGC

Declaration:

I shall abide by the Academic Regulations of the Aditya University. The particulars furnished above are correct and complete.

Date:

Place:

Signature of the Candidate

(Following format is to be printed on the **letter head of the Organization** where the candidate is currently working)

Date:

No Objection Certificate for Ph.D. Admission

This is to certify that Mr./Ms./Mrs. -- working as ----------------------------- in the department of ----------------------------------in this institution/organization.

In case, he/she is selected for admission into the Ph.D. program at Aditya University, the institute has no objection to relieve the faculty to attend the course/research work as part of Ph.D. Program.

Signature and Seal of the
Head of the Institute/Organization

ADITYA UNIVERSITY

Biodata of the Supervisor

1. Name   :

2. Designation   :

3. Name of the Department   :

4. Mail ID   :

5. Mobile No.   :

6. Nationality   :

7. Religion   :

8. Date of Birth   :

9. Educational Qualification   :
   (from UG onwards)

S. No.	Qualification with Specialization	Percentage/ CGPA	Month and Year of Pass	University/Institute

(Attach photostat copy of Ph.D. Original Degree)

10. Details of Doctoral Thesis

    Area of Thesis work   :

    Title of Thesis   :

    Name of the University   :

    Year of award of Ph.D.   :

11. Professional Experience　　　　　:

S. No.	Institute / Organization	Position held	Date of Joining	Date of Relieving	Duration

12. Number of Publications　　　　　:

S. No	Category	During Ph.D Program	After Ph.D Program
1	International Journals		
2	National Journals		
3	International Conferences		
4	National Conferences		

9. (a) Research Publications (SCI/WoS/Scopus):

S.No	Article details in IEEE format	Impact Factor & H-index	Author Position
1			
2			

10. Research projects completed as Coordinator :

S. No.	Title of the Project	Funding Agency	Sanctioned amount and year of Sanction	Duration of the Project	Present Status

11. Research Experience　　　　　:

a) Ph. D scholars guided　　　　　:

S.No.	Name of the Research Scholar	Title of the Thesis	Year of Award of Ph.D.	University /Institute who has awarded the Degree	Supervisor/ Co-Supervisor

b) Ph.D scholars presently guiding　　　　　:

S.No.	Name of the Research Scholar	Area of the work	Year of Registration	Registered University /Institute	Supervisor/ Co-Supervisor

c) Details of the Book Chapters Published　:

d) Details of the Text Books Authored :

e) Patents Published :

S. No.	Title of the Patent	Agency to which application is made	Year of Application

f) Patents Granted :

S. No.	Title of the Patent	Agency to which application is made	Year of Award

g) Publication Metrics :

Google Scholar	Scopus
h-index :	h-index :
i10 index :	Citations :
Citations :	

12. Areas of research interests :

13. Interested to supervise Full-Time Scholar (Yes/No) :

14. Other information (if any) :

Declaration

I hereby declare that the information furnished is true to the best of my knowledge and belief.

Signature

Date:

Station:

ADITYA UNIVERSITY

Biodata of the Co-Supervisor

1. Name & Designation of the Faculty :

2. Name of the Department & Institute :
   working in

3. Official Address with E-mail and Mobile No.:

4. Date of Birth & Age :

5. Educational Qualification :
   (from UG onwards)

S. No.	Qualification with Specialization	Percentage/ CGPA	Month and Year of Pass	University/ Institute

6. Professional Experience (after M.Tech) :

S. No.	Institute / Organization	Position held	Date of Joining	Date of Relieving	Duration

7. Details of Doctoral Thesis
   Area of Thesis work :
   Title of Thesis :

8. Research Publications (SCI/WoS/Scopus):

S. No.	Article details in IEEE format	Author Position
1		
2		

9. Research projects completed as Coordinator / PI   :

S. No.	Title of the Project	Funding Agency	Sanctioned amount and year of Sanction	Duration of the Project	Present Status

10. Ph.D. scholars guided :

S.No.	Name of the Research Scholar	Title of the Thesis	Year of Award of Ph.D.	University /Institute that has awarded the Degree	Supervisor/ Co-supervisor

11. Ph.D scholars presently guiding:

S.No.	Name of the Research Scholar	Area of the work	Year of Registration	Registered University /Institute	Supervisor/ Co-supervisor

12. Publication Metrics:

Google Scholar	Scopus
h-index :	h-index :
i10 index:	Citations:
Citations:	

13. Area (s) of research interest   :

14. NIRF Rank of the currently working Institute   :

15. No. of publications in collaboration with Aditya University faculty (Attach Proof)   :

16. Mention the name of the referred candidate who is seeking the Ph.D. Admission - 2025 at Aditya University and the no. of publications with the   referred candidate (Attach Proof) :
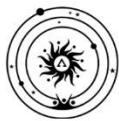
17. Other information (if any)   :

## Declaration

I hereby declare that the information furnished is true to the best of my knowledge and belief.

Date   :   **Signature**

⦿ ADITYA UNIVERSITY

Research & Consultancy Cell

Preferences for Supervisor Allotment - Ph.D. Admissions

Name of the Department   :

Name of the Candidate   :

Application ID   :

Category (Full-Time/Part-Time) :

Research Area   :

Mobile No.   :

Email ID   :

Preference for allotment of Supervisor

Preference	Name of the Faculty	Designation	Area of the research
1			
2			
3			

(Attach the Supervisor acceptance forms)

Signature of the Candidate

For Official Purpose

Supervisor allotted:

DRC-Convenor   **Head of the Department**   **Dean (R&C)**

⊛ ADITYA UNIVERSITY

Supervisor Acceptance Letter

I Dr. _____ have

done my Ph. D in the area of _____ in the faculty

of _____ at _____ (Name

of the University). My present research is in the area (s) of _____

_____. I am willing to supervise

Mr./Ms._____ (Part-time scholar / Full-time scholar).

In case of part-time scholar, he / she is working as _____

in _____ (Name of the Institute/Organization & Place).

Signature   :

Name   :

Designation   :

Date   :

Joining Letter of the Scholar

Date:

To

The Dean (R&C),

Aditya University,

Surampalem.

Dear Sir,

Sub: Submission of Joining letter – Regarding

I _____hereby join in Ph.D. Programme

in _____ Discipline as per your admission letter

cited.

The Research area of work is finalized as _____, and the

topic is _____

Thanking You Sir,

Yours obediently,
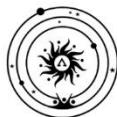
(Signature of the Scholar with Date)

Address of the Scholar:

Pin: --

Mobile No: --------------------------------------

Email Id: ---

Name & Signature of the Co-Supervisor   **Name & Signature of the Supervisor**

(if any)

ADITYA UNIVERSITY

Student Undertaking to Maintain Ethical Conduct

Name of the Scholar   :

Roll. No.   :

Department   :

Supervisor's Name   :

Co-Supervisor's Name (if any) :

Session of Admission   : Jan / Aug – 20____

Mode of Admission   : Part Time / Full Time

This letter serves as an undertaking from me to adhere to the highest standards of ethical conduct in all my academic, co-curricular and extracurricular activities. I understand that academic integrity is paramount and that any form of plagiarism, or any other unethical behavior is against the tenets of the University. I promise to:

- Abide by the University's academic honesty policy.

- Acknowledge and properly cite all sources of information used in my academic work.

- Refrain from plagiarism in any form, including submitting work that is not my own as my own.

- Maintain honesty and integrity in all my interactions with fellow students, faculty, and staff.

- Report any observed instances of academic dishonesty to the appropriate authorities.
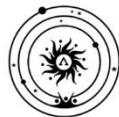
I understand that any violation of this undertaking may result in disciplinary action against me as per the University's rules and regulations.

Signature of the Scholar with Date

Co-Supervisor's Signature with Date (If any)   **Supervisor's Signature with Date**

Head of the Department's Signature with Date

ADITYA UNIVERSITY

Progress Report of Full-Time Ph.D. Scholar for the Month of _____ -

(To be filled by Scholar)

1.	Name of the Scholar	:
2.	Department	:
3.	Roll No.	:
4.	Name of the Supervisor	:
5.	Name of the Co-Supervisor (if any)	:
6.	Brief report on the work carried out during the month (Additional page may be used, if necessary)	
		Signature of the Scholar

-

(To be filled by Supervisor & Co-Supervisor)
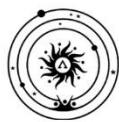
| 7. | Progress of the Scholar (Attach Biometric Attendance Sheet) | : | Satisfactory / Not Satisfactory |

Signature of the Co-Supervisor (if any)   **Signature of the Supervisor**

Head of the Department   **Dean (R&C)**

ADITYA UNIVERSITY

Registration Form for Ph.D. Coursework

Name of the Scholar	
Roll Number	
Academic Year & Session	
Name of the Department	
Mobile No.	
Name of the Supervisor with Designation	
Name of the Co-Supervisor with Designation (if any)	
Title of the Research	

Details of the Ph.D. Coursework:

S. No	Ph.D. Course	Course Code	Name of the Course	Mode of Examination (NPTEL Offline)
1	Common Course -1	246UC003	Research Methodology	
2	Common Course -2	246UC004	Research & Publication Ethics	
3	Domain-Specific Course -1			
4	Domain-Specific Course -2			

Name & Signature of the Scholar with date

Name & Signature of the Co-Supervisor with date   **Name & Signature of the Supervisor with date**

Name & Signature of DRC- Convenor with date

ADITYA UNIVERSITY

Department of …………………..

Research Seminar -I Evaluation Sheet

Name of the Research Scholar   :

Roll No.   :

Name of the Supervisor   :

Name of the Co-Supervisor (if any)   :

Title of the Research   :

Date of Presentation   :

Performance Evaluation:
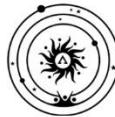
S. No.	Description	Max. Marks	Marks Obtained
1	Research Seminar Report	20	
2	Literature Review	20	
3	Subject Knowledge	20	
4	Oral Presentation	30	
5	Response to Questions	10	
	Total	**100**	

Remarks:

Recommendation: Satisfactory / Unsatisfactory

Signature of the DRC members:

S. No.	Category	Name of the Faculty	Signature
1	Convenor		
2	External Member		
3	Member - 1		
4	Member - 2		
5	Member - 3		
6	Member - 4		

⊛ ADITYA UNIVERSITY

Department of …………………...

Research Seminar - II Evaluation Sheet

Name of the Research Scholar   :

Roll No.   :

Name of the Supervisor   :

Name of the Co-Supervisor (if any) :

Title of the Research   :

Date of Presentation   :

Performance Evaluation:
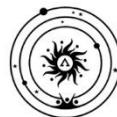
S. No.	Description	Max. Marks	Marks Obtained
1	Research Seminar Report	20	
2	Literature Review	10	
3	Problem Statement	20	
4	Methodology & Plan of Action	20	
5	Oral Presentation	20	
6	Response to Questions	10	
	Total	**100**	

Remarks:

Recommendation: Satisfactory / Unsatisfactory

Signature of the DRC members:

S. No.	Category	Name of the Faculty	Signature
1	Convenor		
2	External Member		
3	Member - 1		
4	Member - 2		
5	Member - 3		
6	Member - 4		

ADITYA UNIVERSITY

Application for Change of Supervisor / Co-Supervisor for Ph.D.

1. Scholar Name   :

2. Roll number   :

3. Proposed Research Topic   :

4. Present Supervisor Name   :

5. Newly proposed Supervisor's Name :

6. Reason for Change   :
   (at least 70 words)

Signature of the Scholar with date

7. **No Objection Certificate from Present Supervisor/Co-Supervisor**

   Supervisor Name   :

   Do you accept the change of guidance   : Yes/ No

   Will the scholar be able to complete the thesis within the remaining period of the academic calendar   : Yes/ No

   Comments (if any):

   Signature of the Supervisor with date

8. **Consent of Proposed Supervisor/Co-Supervisor**

   Supervisor Name   :

   Would you be willing to accept supervising the scholar: Yes/ No

Will the scholar be able to complete the thesis within the remaining period of the academic calendar.   : Yes/ No

Comments (if any):

Signature of the Proposed Supervisor with date

Official Purpose

Forwarded by

DRC- Convenor   **Head of the Department**   **Dean (R&C)**

Recommended by   Approved by

Pro-Vice Chancellor (Academics)   **Vice Chancellor**

ADITYA UNIVERSITY

Application for Change of Topic / Research Area

1. Scholar Name :

2. Roll number :

3. Name of the Supervisor :

4. Name of the Co-Supervisor (if any) :

5. Present Topic / Research Area :

6. Proposed Topic / Research Area :

7. Reason for Change :
   (at least 70 words)

Signature of the Scholar with date

8. **No Objection Certificate from Supervisor/Co-Supervisor**

   Name of the Supervisor :

   Do you accept the change of Research area/topic : Yes/ No

   Will the scholar be able to complete the thesis within the remaining period of the

   academic calendar : Yes/ No

   Comments (if any):

Signature of the Supervisor with date

Name of the Co-Supervisor (if any) :

Do you accept the change of Research area/topic : Yes/ No

Will the scholar be able to complete the thesis within the remaining period of the

academic calendar : Yes/ No

Comments (if any):

Signature of the Co-Supervisor with date

<u>Official Purpose</u>

Forwarded by

DRC- Convenor   **Head of the Department**   **Dean (R&C)**


Recommended by   Approved by

Pro-Vice Chancellor (Academics)   **Vice Chancellor**

⚛ ADITYA UNIVERSITY
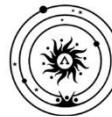
Research & Consultancy Cell

Application for full-time scholars' research vacation – 20__

Date:

Roll No.   :

Name of the Full-Time Scholar   :

Department   :

Mobile No.   :

Month & Year of Registration   :

Name of the Supervisor   :

Name of the Co-Supervisor (if any)   :

Title of the Ph.D. work   :

Status of Ph.D. Course Work   :

No. of Review meetings attended   :

No. of papers presented at Intl. Conferences   :

No. of Papers published in Journals   :

Expected Month & Year of Completion   :
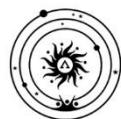
Research Vacation slot from   :   to

Signature of the Scholar

Recommended/Not Recommended   Recommended/Not Recommended

Signature of the Co-Supervisor   **Signature of the Supervisor**
(if any)

Head of the Department   **Dean (R&C)**

ADITYA UNIVERSITY

Application for withdrawal from Ph.D. program

Name of the Scholar	
Roll Number	
Department	
Programme (FT / PT)	
Name of the Supervisor Designation & Department	
Name of the Co-Supervisor Designation & Department (if any)	
Date of Admission	
Reason for Cancellation*	

* Attach the documentary evidence, if any

Note: Scholars are allowed to cancel their seat only after clearing the dues to the University as on the date of application.

Signature of the Scholar with Date

- -

<u>Official Purpose</u>

Forwarded by	Name of the Faculty	Signature with Date
DRC-Convenor		
Head of the Department		
Dean (R&C)		

Recommended by   Approved by

Pro-Vice Chancellor (Academics)   **Vice Chancellor**