CENTRAL UNIVERSITY OF KERALA

DEPARTMENT OF LINGUISTICS
2016
Programme Structure of PhD in Linguistics and Language Technology

Programme Outcome

The Ph.D. Linguistics and Language Technology programme offers to equip the students with the course enables the students to:
- study and understand the research issues & challenges, research goals, computational methods of linguistics research.
- study Sampling, Sampling techniques,
- Reviewing Literature and Research Papers; Writing Research Papers, Thesis, Reports and Project Proposals Plagiarism and Copyrights.
- understand the current trends in the field of Applied and Indian Linguistics.
- familiarize with the different tools for linguistic analysis.
- Understand the current theories in Linguistics.

Learning Outcomes:
At the end of successful completion of the course, student will be able to:
- Understand the basic concepts of research and its methodologies, identify appropriate research topics, select and define appropriate research problem and parameters.
- Prepare a project proposal (to undertake a Research project)
- Organize and conduct research in a more appropriate manner, writing research report and thesis. At the end of successful completion of the course, students will be able to:
- Understand the current trends in the linguistic field.
- Understand different tools which are currently available for linguistic analysis.
- Conduct the research with most appropriate current tools and trends.

The programme envisages developing an academic community as well as a professional group working towards dealing with linguistic problems. This includes various faculty and research positions in various organizations and institutes. The PhD holders can contribute towards a plethora of opportunities based on various aspects of linguistics, starting from language census and linguistic survey, language documentation and studies on endangered languages, translation studies and lexicographical researches, language teaching and applied areas such as clinical linguistics, neurolinguistics and computational linguistics etc.

Course Code	Title	L	T	P	C
Semester I					
LLT 7101	Research Methodology	4	1	0	4
LLT 7102	Current Trends in Linguistics	4	1	0	4

LLT 7103	Area of Specialization	4	1	0	6
LLT 7104	Research and Publication Ethics	4	1	0	2

L = Lecture, T = Tutorial, P = Practical, C = Credits

Title of the Course	*Credit Value*	*Marks* (%)		*Total*
		CA	ESA	
Course 1. Research Methodology	4	40	60	100
Course 2. Current Trends in Linguistics	6	40	60	100
Course 3. Area of Specialization	4	40	60	100
Course 4. Research and Publication Ethics	2	0	100	100

PROGRAM STRUCTURE

Preface

1.0 Central University of Kerala (CUK) offers a Ph.D. program in Linguistics and Language Technology from the academic year of 2016 onwards. This booklet summarizes most details relating to that program.

Eligibility: Post Graduation (10+2+3+2 pattern) in Linguistics/Applied Linguistics discipline with 55% marks in the aggregate.

The courses of study under this program fall into two types:
➢ **Coursework**: these are identified and administered by the department to provide the indispensable/crucial foundation to the discipline.
➢ A **Thesis/ Dissertation/ Project** involving guided research emphasizing on application of knowledge to real life problems. Each course carries a **credit rating** based on the weekly work load for the term.

Vice-Chancellor's Message

1.1 To be incorporated

1.2 Coursework

Ph.D. Degree Program consists of one semester coursework and thesis writing. This extends to 16-18 five day weeks; each working day involves, on an average, 6 instructional hours. The program follows Choice Based Credit Semester (CBCS) system. It encourages innovation on the part of both students and teachers and promotes vertical integration of knowledge and equips students for achieving performance excellence in competitive tasks in any context.

1.3 ACADEMIC CALENDAR – 2016

1st Semester	Activity
06-08.2016	Induction and Registration
	Classes commence
	Internal Tests
	Onam holidays
	Mid-semester exams
	Seminars/Tests
	End-semester exams
	Christmas holidays
	Publication of results
	2nd semester begins

1.4 Objectives and Underlying Principles

The academic programs have the following principles underlying them:

1. Maximum opportunities for the student to acquire knowledge and skills relevant to the current needs,

2. Freedom to study subjects / courses in tune with the student's aptitude and talents,

3. Provision for horizontal intra and inter Department / School / Centre mobility of students,

4. Timely updating of curriculum,

5. Continuous assessment and motivation through intermittent feedback,
6. Steady progress towards excellence.

1.5 Quantification of Students' Performance

Each course carries a credit rating based on the weekly workload for the semester. One credit is assigned to one hour lecture or 2-3 continuous hours of academic work per week in the laboratory, workshop or fieldwork. Thus a credit rating of 4 for a course indicates weekly 4 hours of lecture or lesser number of weekly lectures complemented by adequate practical work in a semester.

1.6 Requirements for passing a PhD degree program

Credits to be acquired	Minimum	Maximum
Coursework, including Dissertation	16	20
Electives		
Total	16	

Minimum total credits required for successfully completing a PhD program is 16 in semesters. For Core courses including Dissertation, the minimum and maximum credits to be acquired are fixed as 16 and 20 respectively.

1.7 General structure of a PhD program:

Duration	: 6 - 10 semesters
1 credit	: 1hr lecture or
	2-3hrs practical/field work 1 course
	: Maximum 4 credits
Project/Dissertation	: 4-6 credits
Maximum credits for core courses including dissertation	: 16
Minimum credits for core courses	: 16
Total credits required for successful Completion of the PhD program	: 16
Minimum attendance required for each course	: 75%

1.8 Scheme of Evaluation

Performance is evaluated on the basis of (a) Continuous Assessment (CA) and (b) End Semester Assessment (ESA). CA is based on specific components such as class tests/ sessional examinations, seminars, assignments/quiz and carries 40% weightage. ESA carries 60% weightage. For laboratory courses, the weight for CA and ESA is 75% and 25% respectively.

1.9 Grading System

The overall academic performance of a student will be indicated in Grades. Grades will be awarded to each student based on the aggregate of CA and ESA, and relative to the total marks scored by other students and class average. Minimum requirement for the ESA for a pass grade is 40%. The academic performance of every MA student will be evaluated by a Ten Point Scale Grading System. The grades are S, A, B, C, D, E & F where S denotes 'Excellent' and the others denote progressively lower performance. 'F' denotes failure in the course.

The following table indicates the point value of the grades in the Ten Point Scale Grading System.

Grade	Point Value of Grade	Qualitative Assessment
S	10	Excellent
A	9	Very Good
B	8	Good
C	7	Fair
D	6	Average
E	5	Satisfactory
F	0	Fail

1.10 Attendance required in a Course, for eligibility to appear for the end semester examination is 75% .

1.11 Overall Grade Point Average

On successful completion of a course, the student earns the credits and on acquiring the minimum prescribed credits within the prescribed period, the student will be eligible to receive the degree.

The overall academic performance of the student will be determined by a grading system and will be indicated by the Overall Grade Point Average (OGPA) in the final grade card issued by the University.

Regulations for the Award of the Degree of Doctor of Philosophy (Ph.D.) of the Central University of Kerala, 2021

This Regulation, framed in consonance with the UGC Regulations 2018 and its subsequent amendments till date, shall be called the Central University of Kerala Regulations for the Award of the degree of Doctor of Philosophy (Ph.D.), 2021. This, in addition to the Ordinance - 12 of the Central University of Kerala shall facilitate the PhD Programme of central University of Kerala. It shall come into force after the approval of the Academic Council and the Executive Council of the University.

1. Admission
1.1 Application for admission to the PhD. Programme will be received twice in a year, in June-July and December-January.
1.1.1. The June-July admission will be done through the CUCET and those who have JRF fellowship can directly apply to the respective University department in which they are seeking admission. Only JRF and similar scholarship/fellowship (including project students working in ongoing projects and have been availing University scholarship) holders are exempted from the CUCET Score.

1.1.2. The December-January admission will be exclusively limited to JRF candidates qualified under INSPIRE/ UGC-CSIR JRF or NET/ ICMR/ GATE/ ICAR/ DBT/NBHM/ ICSSR/ and KSCSTE recognized for the purpose by the University and other such examinations at the national level.

1.1.3 Those who have JRF can apply any time. And they will be considered twice in a year, in June July admission and in December-January admission. While considering JRF candidates for admission, wherever applicable, they shall be considered in the category in which they have qualified JRF.

1.2 Candidates working in Government-funded projects, with at least a minimum of two years of fellowship remaining, may be permitted to appear for interview along with other candidates qualified for PhD admission in June-July/December-January semesters, provided they pass the test conducted by the DRC and meet other eligibility conditions for admission. However, such candidates shall take up research in the areas directly corresponding to their project. In all such cases, the Principal Investigator shall be the Research Supervisor under whom the research is carried out.

1.3 Foreign students, who have been sanctioned scholarships under the cultural exchange programme /other such programmes of the Government of India and other countries, may be admitted to the PhD programme of the university. The university may constitute an admission committee consisting of the Director of Research (DoR), the Head of the Department (HoD) concerned and research guides of the respective departments. If a foreign student applies for PhD programme and declares that he/she is a self-financing student, such candidates may also be considered by the university for admission. The admission committee shall make admission of these candidates. In both

the cases, university may hold a test/interview, if necessary, to ascertain the competence of the candidate to undertake a PhD work.

1.4 A faculty member of the Central University of Kerala is eligible to register for Ph.D. in the same Department where she/he is working. In such cases, one of the faculty members of the concerned Department shall be the supervising teacher. The registration for Ph.D. will be granted initially on full- time basis. During the period -of course work, the-HoD shall rearrange the workload of the candidate in the Department by relieving him/her either fully or partially from teaching responsibilities. If he/she is relieved fully from teaching responsibilities for six months, his/her entitlement for sabbatical leave after the first 6 years of service at the University would be deemed to have been used up. On completion of the course work, the registration of the candidate shall be converted into part-time mode and the part-time registration rules shall apply thence forth.

1.5 Persons working as the Scientists, Administrators, Executives under Government services/public sector undertaking/ private sector undertakings and NGOs at the middle and top-level management with minimum of 10 years of experience may be allowed to register for PhD subject to the fulfilment of the eligibility criteria prescribed for the candidates. Such candidates may be admitted to the PhD programme of the university in any of the departments/RRCs. They shall follow all the regulations of the PhD programme. However, they may be permitted to complete the course work as per DRC recommendation.

1.6 Students who are applying for admission to the Ph.D. Programme will be required to remit an application fee as prescribed by the CUCET regulations/university from time to time if they are applying in the June-July round. If the application is made in December-January, a fee prescribed by the University will be charged.

2. Procedure of Admission

2.1 Every student applied for admission and satisfying the minimum eligibility conditions shall be invited by the Department for an interview conducted by DRC for admission. The students invited for interview are free to approach and discuss with the guides/supervisors of the Department for discussing their research interest and they shall prepare a broad research proposal under abroad topic (in one page), which shall be presented by the student at the interview. A list of those students who are selected and wait listed (if any) against each vacancy shall be prepared by the Head based on the marks given as per the following criteria:

(a)	Qualified in /exempted fromthe entrance exam and called for interview	60 %
(b)	Secured Research Fellowship (JRF) from external agencies	10 %
(c)	Research Proposal (to be awarded by the respective teachers)	15 %
(d)	Performance in interview	15 %
	Total	100 %

2.2 The HoD shall serve the advice for provisional admission and forward the application along with supporting Documents to the DoR for provisional Registration.

2.3 Only upon receipt of the registration order, the prescribed fee should be paid. The registration will be effective from the date of admission. But the fee is deemed to have been paid for the semester in which admission is conducted. The student shall pay the fee as applicable from the next academic semester onwards at the beginning of the semester itself. The fee structure of the industrial /NGO/Governmental candidate may be decided by University by the DRC recommendation.

2.4 The registration will be effective from the date of joining unless otherwise specified. The registration order will be issued by the DoR, indicating the Name of the student, date of registration, topic of research, and the name of the supervisor.

2.5 Ordinarily a student is expected to join in two weeks' time after receiving the selection letter. The HoD may allow a candidate to extend the joining time up to one month. The DRC may allow a candidate to take up to 3 months for joining the programme in exceptional cases like maternity cases.

2.6 The list of provisionally registered candidates along with the names of supervisor(s) shall be forwarded to the Honourable Vice Chancellor through DOR for ratification in every quarter.

3. Research Supervisor

3.1 Any regular Professor/Associate Professor of the University and any regular Assistant Professor of the university with a Ph.D. degree and at least two research publications in UGC care listed/refereed journals (other than MPhil/PhD publications) may be recognized as Research Supervisor.

3.1.1 Provided that in areas/disciplines, the Academic Council may relax the above condition for recognition of a person as Research Supervisor with reasons recorded in writing.

3.2 Only a full time regular teacher of the University can act as a supervisor. The external supervisors are not allowed. However, Co-Supervisor can be allowed in inter-disciplinary areas from other departments of the University or from other related institutions with the approval of the Research Advisory Committee.

3.3 The co-guidance or co-supervisorship will not be taken into account for counting the number of vacancies for PhD admission under a Research Supervisor.

3.4 The Departmental Research Committee (DRC) constituted as per the guidelines of Ordinance 12 shall allocate Research Supervisor for the selected research scholars considering the number of scholars per Research Supervisor, the specialization among the Supervisors and the research interests of the scholars, as indicated by them at the time of interview/viva voce.

3.5 In the allocation of the research students to the research supervisors, the Reservation in admission Act 2006 shall also be strictly followed so as to maintain the

percentage of reservation under each supervisor. Each DRC shall maintain an internal Roster register.

3.6 In case of topics which are of Transdisciplinary/Multidisciplinary/Inter-disciplinary 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/ School/University on such terms and conditions as may be specified and agreed upon by the consenting Institutions.

3.7 Normally, a research supervisor may accept a student under supervision until he/she attains the age of 62, or with a co-supervisor until retirement. An emeritus/ adjunct faculty may guide the students with a co-supervisor till retirement. This shall be based on the willingness and interest of the research supervisor to continue as the research supervisor.

3.8 A Research Supervisor who is a professor, at any given point of time, cannot supervise more than Eight (8) Ph.D. scholars. An Associate Professor as Research Supervisor can Supervise up to a maximum of Six (6) Ph.D. scholars and an Assistant Professor as Research Supervisor can Supervise up to a maximum of Four (4) Ph.D. scholars. This allocation is subjected to the UGC PhD regulations that may come into effect time to time.

3.9 If a research supervisor has already enrolled the maximum number of candidates for which he/she is eligible and gets projects sanctioned by any agency, he/she may be permitted to enroll a maximum of 2 research students as supernumerary vacancies in the area of the project sanctioned. There must be a clear provision for manpower in the research project funded by Govt. of India.

3.10 If a research supervisor has already enrolled the maximum number of candidates for which he/she is eligible and there is an application by a candidate who has fellowship granted by any of the funding agencies of the central government/state government/governments of other countries, such fellowship holders may be given admission against a vacancy that may arise within 2 years of joining of the new candidate. The maximum number of candidates in this case is limited to 2. In exceptional case in clause 3.8, 3.9 and 3.10, VC can take decision.

Provided such PhD scholars shall forfeit their PhD registration forthwith if they join another research project/Fellowship before completing the PhD for which they are originally enrolled in.

3.11 A research supervisor may be permitted to enrol a maximum of 2 foreign students and one scientist/administrator/executive as supernumerary vacancies in his/her areas of interest.

3.12 The vacancy against a research supervisor arises after submitting thesis by a student who has registered under him/her supervision.

3.13 In case of relocation of a Ph.D. woman scholar due to marriage or otherwise, the research data shall be allowed to be transferred to the University to which the scholar intends to relocate provided all the other conditions in these regulations are followed in letter and spirit and the research work does not pertain to the project secured by the parent institution/ supervisor from any funding agency. The scholar will however give due credit to the parent Supervisor and the institution for the part of research already done. This shall be allowed only in exceptional cases and not as a routine one. The matter shall be referred to the DRC and DRC shall examine the case before such a

permission is recommended to the university. The decision of the vice chancellor shall be binding on the candidate and the research supervisor.

4. Transdisciplinary/Multidisciplinary/Inter-disciplinary Research
4.1 Transdisciplinary/Multidisciplinary/Inter-disciplinary research catering to the needs of the society should be encouraged while deciding the topic research in the departments and RRCs of the Central University of Kerala. Such a research can be undertaken by research students in any of the departments/RRCs of the Central University of Kerala. In these cases, the DRC can decide on the requirement of the research supervisor/ co-guide and the qualifications of the candidates.

5. Topic of Research and the Title of Thesis
5.1 A student shall register for PhD in a specified 'topic' of research at the time of admission.
5.2 The title of the thesis shall be specified at the time of submission of the synopsis, and the student need to get the consent for the title of the thesis from the RAC in the prescribed format applicable for the submission of synopsis.
5.3 A research student shall be eligible to apply for revision of the topic of research at least one year prior to the submission of the synopsis and the DRC shall be competent to give assent to the request if it is recommended by the RAC, provided that such application shall be permitted only once during the period of registration of the student.

6. Conversion of Registration from Full-time to Part-time and Vice-versa
6.1 Conversion of registration form full-time to part-time and vice-versa shall be allowed as the Ordinance 12 of the Central University of Kerala. However, if the research student has already completed the pre-submission presentation and the committee has recommended the submission of final thesis, he/she may be allowed to submit the thesis without conversion from the full-time to part- time. The candidate has to produce a certificate to this effect from his/her supervising teacher.

7. Attendance and Leave
7.1 All the full-time research scholars shall attend the department on full time basis until the submission of the final thesis. The supervisor shall maintain attendance register of the students registered under him/her.

7.2 A full-time research Scholar shall be eligible to avail leave for thirty-days in one calendar year and Maternity/Paternity leave as per rules, along with leave without fellowship for three months on medical grounds or for any other genuine reason with the consent of the research supervisor.

7.3 The Vice Chancellor will have the power to sanction any other kind of leave over and above the existing ones in exceptional cases based on the merit of the case.

8. Change of supervisor
8.1 Request for Change of Supervisor Ordinarily, a request for change of supervisor can be made only once. Such requests recommended by the DRC should be made on valid

grounds such as resignation and death. In all such cases there has to be a request from the student and consent from both the existing supervisor and the prospective supervisor and a specific recommendation from the DRC. This provision of changing supervisor is not permitted in case of research students admitted through research projects. In exceptional cases, the Vice Chancellor may allow the change of Supervisor more than once.

9. Mandatory Course Work and Course Registration

9.1 Every student registered for the Ph.D. programme shall be required to undertake a mandatory course work for a minimum period of one semester (six months) in the University Department concerned. The Course and Credit shall be as follows.

Title of the Course	*Credit Value*	*Marks*(%)		*Total*
		CA	ESA	
Course 1. Research Methodology	4	40	60	100
Course 2. Research and Publication Ethics	2	40	60	100
Course 3. Course related to the Specific area of Research	4	40	60	100
Course 4. Course related to the Specific Research Proposal	6	0	100	100

9.2 The courses can be registered using CBCS Form # 1 at the beginning of the semester and the results are to be submitted for Dean's approval in Form # 3 at the end of the semester.

9.3 The instructors for the courses 1 and 2 shall be arranged by the HoD/ Centre. Courses 3 and 4 shall be taught by the supervisor or those teachers suggested by RAC. All components of evaluation and grading shall be done by the respective instructors and the grades are communicated to the HoD who shall arrange for the approval by the Dean of the School using CBCS Form 3. The Grade cards shall be issued by the Controller of Examinations (CoE), upon the approval by the Dean.

9.4 The Course work shall be completed within one year from date of registration and can be done in one semester or split into two semesters.

9.5 Apart from mandatory course work, students shall be required to register for the core course 'guided research' in every semester. The supervisor shall act as course instructor and the evaluation shall be done by the RAC at the end of the semester and award grades: X (satisfied) or Y(not satisfied). Student need X grade for moving to the next semester. This course carries 0 (Zero) credit. CBCS Form 1 and 3 shall be used for registration and award of grades.

9.6 The supervisor and another member of RAC shall constitute quorum for the evaluation of student at the end of the semester.

10. Pre-synopsis presentation

10.1 Prior to submission of the synopsis/thesis, the Research Scholar shall make a Pre-synopsis Submission Presentation before the DRC and in which the presence of faculty members and research students shall be ensured , for getting feedback and comments, which may be suitably incorporated into the draft thesis under the advice of the Supervisor. The Research Supervisor must intimate to the Office of the DoR about the details of conducting the meeting of DRC for Pre-synopsis Submission Presentation,

well in advance through proper channel. In case of non-receipt of required documents, the submission of Thesis shall not be entertained.

11. Submission of Synopsis
11.1 Submission of the Synopsis is the first step in the initialization of the adjudication process. The student shall submit the synopsis to the Dean of the School, through the HoD.
11.1.1 The Head shall issue a letter of acceptance of synopsis to the student indicating the title of the thesis and date of submission.
11.1.2 The Dean shall forward the synopsis to DoR to initialize the adjudication process.
11.1.3 The Department shall check the following points before accepting the synopsis.
11.1.4 Whether all the fees have been paid (Proof needed)
11.1.5 Grade sheet of coursework or copy of M.Phil. certificate (Proof needed)
11.1.6 Proof for the necessary 2 presentations at seminars have been made. The student shall present the proof for the same to the Supervisor and the supervisor who shall certify it and forward it to the HoD.
11.1.7 Proof of publication of a paper and whether the paper is a refereed journal in the UGC care /SCOPUS/Web of Science/ABDC list. The supervisor shall certify.
11.2 PhD synopsis submission form shall be filled along with the proper supporting documents as per the checklist provided in the format given.

12. Submission of Thesis
12.1 After successful completion of research work and writing thesis, the student shall submit 4 bound copies (3 for evaluation and one for display in the library before the viva voce) and a softcopy the thesis to the CoE along with
12.1.1 Course work certificate /grade sheet
12.1.2 Pre-synopsis certificate issued by HoD
12.1.3 Plagiarism checking certificate issued by the University Librarian
12.1.4 Thesis submission form forwarded by the research supervisor(s), HoD, and the Dean;
12.1.5 Dues Certificate (in the prescribed No-Dues Form) from:
12.1.5.1 The research supervisor,
12.1.5.2 The HoD,
12.1.5.3 The University librarian,
12.1.5.4 The Hostel Warden (if applicable)
12.1.5.5 The Dean of Students' Welfare
12.1.5.6 Head of the Universal Central Instrumentation Facilities and
Any the other departments/centres which the department and the university/RAC may direct.
12.2 Simultaneously, a panel of eight adjudicators, not in the service of the Central University of Kerala (Professors Or Associate Professors Or/Assistant Professor with 10 year experience in guiding Ph.D) who has research experience in the area, shall be submitted by the supervisor in a sealed cover marking the registration number, and name of the student, and title of thesis.

13 Inviting the Adjudicators

13.1 Immediately after the receipt of the thesis in proper form and issuance of letter to the student, the CoE shall invite three adjudicators selected by the Vice-Chancellor from a panel of eight adjudicators submitted by the Supervisor to evaluate the thesis. A copy of synopsis shall be sent along with the synopsis. Upon receiving their willingness, the CoE shall dispatch thesis to each of them immediately after receiving the consent with an adjudication format. The adjudicators shall be asked to report in the given format within 45 days of thesis received.

13.2 Electronic means shall be used for adjudication at each stage, wherever possible.

14. Viva-Voce Examination

14.1 The public viva-voce of the research scholar to defend the thesis shall be conducted only if the evaluation report(s) of the external examiner(s) on the thesis is/are satisfactory and include a specific recommendation for conducting the viva-voce examination. If the evaluation report of any of the external examiners, is unsatisfactory and does not recommend viva-voce, the Controller of Examination shall send the thesis to another external examiner out of the approved panel and the viva-voce examination shall be held only if the report of the latest examiner is satisfactory.

14.2 Upon receiving specific recommendations for the conduct of Viva-voce from both the external examiners (adjudicators), the Vice-Chancellor shall select one among them as Chairman of the Open Defence/Viva-voce Board, and supervisor as the Convener. An order may be issued by the CoE for holding the Viva-voce in consultation with the supervising teacher with the copy to the HoD, DoR and Dean.

14.3 The Convener shall decide a time and date for Open Defence/Viva-voce examination, in consultation with the HoD and the Chairman of the Open Defence/Viva-voce board. The Convenor shall also notify the research student well in advance.

14.4 The Convener of the Open Defence/Viva-voce Board shall make all arrangements necessary for the conduct of Open Defence/Viva-voce. She shall cause to publish the details of the Open Defence/Viva-voce examination, such as name of the research student, title of the thesis, venue, date etc. on the notice board of the University Department/School/RRC concerned and shall send invitations to scholars whose participation will enrich the proceedings of the Open Defence.

14.5 The convener shall also arrange to display a copy of the thesis in the library (with help of CoE) of the University/ Department/School concerned (not of the RRC) three days prior to the date fixed for the Open Defence.

14.6 At the Open Defence/Viva-voce, the research student shall make a presentation on the research problem, significance of her/his work, methodology used, the salient features of the study, major findings/results and their policy implications/prospects for further study, as the case may be. This shall be followed by a viva-voce examination conducted by the Open Defence/Viva-voce Board. The research student may also respond to questions put forward by the audience with the permission of the Chairman.

14.7 The Chairman of the Open Defence/Viva-voce Board should circulate the adjudication reports among the audience and shall record the minutes of the Open Defence/Viva-voce in a Minutes Book maintained for the purpose by the HoD. Members of the audience shall enter their names and affix their signatures in the attendance sheet/book circulated.

14.8 A report needs to be prepared for incorporating the recommendation of the Viva-Voce Board with the following contents and the same may be made available in the University website.

Name of the candidate:

Title of the Thesis:

Date of Open Defence/Viva-voce :

Venue and Time:

Recommendation of the Open Defence/Viva-voce Board:

……………………………………………………………

………………………………………………………………

………………………………………………………………

Sd   Sd   Sd

Supervisor   Head   Chairman

14.9 Viva- Voce Board report should be submitted to the office of the CoEafter the open defiance.

14.10 After completing all the formalities relating to the Ph.D., the notification of the award letter may be issued with the approval of the Vice-Chancellor subject to the ratification by the Academic Council and Executive Council.

15 Depository with INFLIBNET

15.1 Following the successful completion of the evaluation process and after the announcement of the award of the Ph.D. degree(s), the librarian shall submit an electronic copy of the Ph. D. thesis to the INFLIBNET, for hosting the same to make it accessible to all Institutions/ Colleges. However, the researcher be allowed time to complete all the articles from the PhD work before the electronic copy is sent to INFLIBNET. This is to ensure that an article is not rejected by a journal merely because the materials of the article are similar to that of the thesis hosted on the INFLIBNET.

16 Power to remove difficulties

16.1 In case there is any difficulty in the operationalization/implementation of these regulations, the vice chancellor shall have the power to exercise his/her discretion to implement the regulations smoothly.

17 Formats (to be appended)

17.1 Advise of admission (HoD)

17.2 Provisional registration order (HoD, Dean)

17.3 Registration order (HoD, Dean, or DoR)

17.4 CBCS Forms (may be modified for PhD)

17.5 Adjudication Form 1 (Synopsis and title, with feedback to student after submission of synopsis)

17.6 Adjudication Form 2 (Panel of adjudicators and VC's selection)

17.7 Adjudication Form 3 (Report of the Thesis)

17.8 Adjudication Form 4 (PhD Viva order, report of Open Defence/Viva-voce, with feedback to student on Viva)

17.9 Notification for the award of PhD (COE)

Research Methodology (4 credits)
Course Code: LLT7101

Learning Objectives:
1. To study and understand the research issues & challenges, research goals, computational methods of linguistics research.
2. To study Sampling, Sampling techniques,
3. Reviewing Literature and Research Papers; Writing Research Papers, Thesis, Reports and Project Proposals Plagiarism and Copyrights.

Learning Outcomes:
At the end of successful completion of the course, student will be able to:
1. Understand the basic concepts of research and its methodologies, identify appropriate research topics, select and define appropriate research problem and parameters.
2. Prepare a project proposal (to undertake a Research project)
3. Organize and conduct research in a more appropriate manner, writing research report and thesis.

Unit 1:
Research: Meaning and definition, Concepts of construct, Postulates, Proposition, Thesis, Hypothesis, Scientific Research, Objectivity and subjectivity in research, Primary and Secondary data, Computational methods for linguistic research (Familiarization of Computer and software tools) Review of the Literature.

Unit 2:
Research Design: Need for research, Formulation of Research problems, research questions, Objectives of Research, Conceptual foundation, Research Proposal - relevance and components. Research design in different fields namely Descriptive Linguistics, Sociolinguistics, Computational Linguistics, Field Linguistics etc.

Unit 3:
Field Linguistics: Documentation and archiving, Field Linguistics methodology: Field preparation, Field tools and techniques, Selection of informants, Data, data collection, data collection methods: Elicitation Techniques: Observation, interview, Questionnaire, Data Processing and analysis: Phonemics/Phonetics Transcription.

Unit 4:
Linguistic Research Methods: Quantitative/ Qualitative /mixed methods, Meta data Ethnographic, Descriptive, Historical and Comparative, Sociolinguistics Survey, Typological and Computational methods, Questionnaire making.

Unit 5:
Research Report writing and Academic Ethics: Research findings and presentation: Formation of tentative models. Synopsis writing, Research paper writing, Project Report writing and Thesis writing, Bibliography: References, appendixes, footnotes – quotations, graphs, charts and tables, abbreviations, Organization of thesis, report

writing – first drafts – Pre-final and final report, Future plan of the research, Issues of academic ethics.

Text Books:

1. Ahuja Ram. 2001 Research Methods. New Delhi, Rawat Publications.
2. Cliffort, J. Drew. 1980. Introduction to Designing and Conducting Research, Second Edition, The C.V. Mosby Company, London. Ch2, 5, & 6
3. John W. Creswell 1994. *Research Design*. London: Sage Publications.
4. Jonatham, Anderson et al. 1970 Thesis and Assignment Writing, Willey Eastern Ltd, New Delhi.
5. Kothari, C.R. 2004 Research Methodology: Methods and Techniques. (Second Edition), New Age International Ltd Publisher: New Delhi.
6. Samarin, W.J. 1967. Field Linguistics: Guide to Field work. New York, Holt, Reinehart and Winston.
7. Sarvanavel, P. 1987 Research Methodology, Allahabad: Kitab Mahal.
8. Jr. Perry, F. L. (2005) *Research in Applied Linguistics: Becoming a Discerning Consumer*. London: Lawrence Erlbaum Associates.
9. Kothari, C. R. (2008) [1985] *Research Methodology: Methods and Techniques*. New Delhi: New Age International Publishers.
10. Laszlo, P. (2006) *Communicating Science - A Practical Guide*.
11. Milroy, L. and M. Gordon. (2003). *Sociolinguistics: Method and Interpretation*. Oxford, UK: Blackwell Publishing
12. Abbi, A. 2001. A Manual of Linguistics Fieldwork. New Delhi: Centre for Linguistics, Literature and culture studies J.N.U.
13. Burns. R.B 2000. Introduction to Research Methods. New Delhi: Sage Publication

(New currents books and classical books have to added)
Suggested Readings:

• Kerlinger, F.N.1964. Foundation of Behavioural Research. New York: Pinehart & Winston.
• Lofland, J.1971. Analyzing Social Setting: California. Wordsmith.
• Popper, K.R.1968. The logic of Scientific Discovery. Hutchinson, London.
• Daniel Jurafsky and James H. Martin. *Speech and Language Processing: An Introduction to Natural Language Processing,* Computational Linguistics and Speech Recognition (Prentice Hall Series in Articial Intelligence). Prentice Hall, 2000.

Current Trends in Linguistics (4 Credits)
Course Code: LLT7102

Learning Objectives:
1. To understand the current trends in the field of Applied and Indian Linguistics.
2. To familiarize with the different tools for linguistic analysis.
3. To Understand the current theories in Linguistics.

Learning outcomes:
At the end of successful completion of the course, students will be able to:
1. Understand the current trends in the linguistic field.
2. Understand different tools which are currently available for linguistic analysis.
3. Conduct the research with most appropriate current tools and trends.

Unit 1:
Notion of New Trends in Linguistics: Linguistics Turn, Global & Local World Order, Linguistic Space, New Linguistic World Order, Alternative trends in Linguistics, Radical Linguistics, Critical Analysis, Structuralist and Post- structuralist discourses, Inter-Disciplinary Approaches.

Unit 2:
New Trends in Indian Linguistics: New Trends in Applied Linguistics: Sociolinguistics, Translation, Language Teaching (Moodles, Mooc), Lexicography (use of computer) etc., New Trends in Multilingualism and language planning, Language Endangerment and current trends in Documentation and archiving.

Unit 3:
Current trends in Morphology and Syntax: Computational Morphology, Morphological Analyser, Two Level morphology, methods Minimalist Program for Linguistics Theory, Movement and Economy, Feature Checking Theory, Types of Features, Features Checking as a Syntactic Operation, Theory of Multiple Features Checking.

Unit 4:
Current Trends in Phonology: Non-Linear Through Optimality Theory, Basic Concepts in Optimality Theory, The Architecture of an OT Grammar, The Components of OT Grammar Lexicon, The Generator and the Evaluator, Interaction of Markedness and Faithfulness, On Defining Segment Inventories.

Unit 5
Current Trends in Computational Linguistics: Morphological Analyzer, Generator, Syntactic Parser, Machine Translation, Lexical Resources, WordNet, Corpus Linguistics, Types of Corpora, Tagging, Use of corpora

Core Readings:
Blake, Robert J.2011, Current Trends in online language learning, Annual Review of

Applied Linguistics 31:19:35

Maurice de Schryver, Gilles. Lexicographers Dreams in the electronic dictionary down load from the internet PP 144-149

Miller, George A.2012, Introduction to WordNet An on-line lexical Data base, International journal of lexicography, Vol.3,4: 235-244

Taguchi, Naoko 2011. Teaching pragmatics: Trends and issues Annual Review of Applied Linguistics Vol. 31:pp 289-310

Block, David and Deborah Cameron (Eds). Globalization and Language Teaching London: Routledge.

Krishnamurti, Bh. 1998. Language Education and Society. Language and Development – Vol.7. New Delhi: Sage Publications (407, K89L)

Kumaravadivelu, B. 2006. Understanding Language Teaching from Method to Post method. London: Lawrence Erlbaum Associates, Publishers.
Environments in Southeast Asia. Anthology Series 10. SEAMEO Regional Language Centre.
Language and Globalization New Ed Edition by Norman Fairclough ISBN-13: 978-0415317658 ISBN-10: 0415317657
Globalization and Language Teaching 1st Edition by David Block (Editor), Deborah Cameron (Editor) ISBN-13: 978-0415242769, ISBN10:0415242762
"A World of Nations" Annual Report, Boston: Cultural Survival, 1989, p 4.
Keith Suter Antarctica: Private Property or Public Heritage? London: Zed, 1991.
McEnery, Tony, and Andrew Wilson. 2001. *Corpus Linguistics*, 2nd ed. Edinburgh: Edinburgh University Press.
Christopher D. Manning and Hinrich Schutze. *Foundations of Statistical Natural Language Processing*. MIT Press, Cambridge, MA, USA, 1999.
Daniel Jurafsky and James H. Martin. *Speech and Language Processing: An Introduction to Natural Language Processing, Computational Linguistics and Speech Recognition* (Prentice Hall Series in Artificial Intelligence). Prentice Hall, 2000.
Geoffrey Sampson, editor. *Corpus Linguistics: Readings in a Widening Discipline*. Continuum, London [UA], 2004.
Stephan Gries. *Quantitative Corpus Linguistics with R: A Practical Introduction*. Routledge, 2008
*Abbi, Anvita (*2001) A *Manual* of Linguistic *Fieldwork* and Structures of Indian Languages. Munich: Lincom Europa.
Aikhenvald, Alexandra Y. (2007) Linguistic fieldwork: setting the scene. Special Issue of Language Typology and Universals 60(1).
Austin, Peter K. (2006) 'Data and language documentation'. In Jost Gippert, Nikolaus Himmelmann & Ulrike Mosel (eds.) Essentials of language documentation. Berlin: Mouton de Gruyter, pp. 87-112
Austin, Perter K. Julia Sallabank (eds.) (2011) The Cambridge handbook of endangered Languages. Cambridge: Cambridge University Press.

Backu, Ad (2008) 'Data banks and corpora'. In Li Wei & Melissa Moyer (eds.) The Blackwell guide to research methods in bilingualism and multilingualism. Malden, MA: Blackwell, pp. 232-48

Bowern, Claire (2008) Linguistic fieldwork – a practical guide. Basingstoke: Palgrave Macmillan.

Burling, Robbins (1984) Learning a field language. Ann Arbor, MI: University of Michigan press.

Chelliah, Shobhana L. (2001) 'The role of text collections and elicitation in linguistics field-work'. In Paul Newman & Marta Ratliff (Eds)Linguistics fieldwork. Cambridge: Cambridge University Press PP.152-65

Chelliah Shobhana L. & William J de Reuse (2011) Handbook of descriptive Linguistic fieldwork. Dordrecht: Springer.

Codo, Eva (2008)'Interviews and questionnaires.' In Li Wei & Melissa Moyer (Eds) the black well guide to research methods in bilingualism and multilingualism. Malden, MA: Blackwell, PP158-76

Crowley, Terry (2007) Field Linguistics – A beginner's guide. Oxford: Oxford University Press

Dewalt, Kathleen M. & Billie R Dewallt (2002) Participant observation – a guide for fieldworkers. Walnut creek, CA: Alta Mira Press.

Everett, Daniel L (2001) 'Monolingual Field Research in Paul Newman & Martha S Ratliff (Eds) Linguistics fieldwork. Ambridge University Press, PP.166-88

Franchetto, Bruna (2006) Ethnography in Language Documentation' in Jost Gippert, Nikolaus P Himmelmann & Ulrike Mosel (Eds) Essential of language documentation. Berlin: Mouton De Gruetor, PP.183-212

Frawley, William, Kenneth Hill and Pamela Munro (Eds) (2002) Making Dictionaries: preserving indigenous languages of the Americas. Berkely, CA: University of California Press.

Gippert Jost (2006) 'Linguistics documentation and the encoding of textual materials' in Jost Gippert,Nikolaus P. Himmelmann& Ulrike mosel (Eds) (2006) Essentials of language documentation. Berlin: mouton de Gruyter PP.337-62.

Gippert. Jost, Nikolaus P. Himmelmann & Ulrike Mosel (eds.) (2006) Essentials of language documentation. Berlin: mouton de Gruyter.

Grenoble, Lenore A. & Lindsay J. Whaley (1998) (eds.) Endangered languages: current issues and future prospects. Cambridge: Cambridge University Press.

Grinevald, Colette (1997) 'Language contact and language degeneration' in F. Coulmas (ed.) The handbook of Sociolinguistics. Oxford Blackwell, PP.257-70.

Johnson Heidi (2004) language documentation and archiving, or how to build a better corpus. In Peter Austin (eds.) language documentation and description, vo;l.2. London: SOAS.

Labov, William (1996) The Social Stratification of English in New York City New York Center for Applied Linguistics.

Landau, Sidney I. (2001) Dictionaries: the art and craft of lexicography. Cambridge University Press.

Newman and Ratliff (Eds) 2000, Introduction and Chapter 1 from: *Linguistic Fieldwork*. CUP, Cambridge

Samarin, W.J.1967. Field Linguistics: Guide to Linguistic Field Work. New York: Holt, Rinehart and Winston.

Language Documentation: Practice and values by Lenore A. Grenoble (Editor), N. Louanna Furbee (Editor), University of Chicago / University of Missouri, Columbia
Essentials of Language Documentation (Trends in Linguistics: Studies & Monographs) Paperback – Import, 15 Mar 2006 by Jost Gippert (Editor), Nikolaus P. Himmelmann (Editor), Ulrike Mosel (Editor)
Gippert, Jost, Nikolaus P. Himmelmann, and Ulrike Mosel. 2006. Essentials of language documentation. Berlin: Mouton de Gruyter.
Himmelmann, Nikolaus P. Language documentation: What is it and what is it good for? 1-30.
Dwyer, Arienne M. Ethics and practicalities of cooperative fieldwork and analysis. 31-66.
Mosel, Ulrike. Fieldwork and community language work. 67-85.

- Chomsky. N.1995, The Minimalist Program. MIT Press, Cambridge. Massachusetts.
- Kager, R.1999. Optimality Theory, Cambridge: Cambridge University Press.
- Lodge, D. & N. Wood. (Eds), Modern Criticism and Theory: A Reader Pearson education. New Delhi.
- Radford, A. 2004. Minimalist Syntax. Exploring the Structures of English. Cambridge, CUP.
- Roca, I.M. 1994. Generative Phonology. London: Routledge.
- Rorty, R. 1992. (ed.) The Linguistic Turn. Chicago: University Publication.
- Schane, S.A. 1973. Generative Phonology. Englewood Cliffs: Prentice Hall.
- Singh. S.K. 2001. Multilingualism. New Delhi: Bahri Publication.
- Spicgel, G.2005. (Eds) Practising History: New direction in Historical Writing after the Linguistics Turn. New York: Routledge.

Suggested Readings:
- Chomsky, N. 1993. Minimalist Inquiries: the Framework. MIT Occasional Papers in Linguistics, no 15 (also published in R. Martin, D. Micheals and J.Uriagereka(eds), (2001). Step by Step: Essays on Minimalism in Honour of Howord Lasnik, MIT press, Cambridge, Mass . (pp.89-155)
- Foucault, M. 1973. The Order of Things. An archaeology of the Human sciences New York. Xxi
- Singh, S.K. 2009 (Eds) Rethinking Multilingualism. Gauhati: Eastern Book Publisher.
- Ura, H. 2000. Checking Theory and Grammatical Functions in Universal Grammar. Oxford University Press.

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(Course with the Supervisor)

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Course code: LLT7103 Area of Specialization (4 Credits)

Course code: LLT7104 Research and Publication Ethics (2 Credits)

Research and Publication Ethics (RPE) Course is added for PhD scholar for awareness about the publication ethics and publication misconducts.

Course Level:
It is 2 Credit course (30 hours)

Eligibility:
M.Phil., PhD students and interested faculty members (It is also will be available to post graduate students at later date)

Course Code: CPR-RPE
Overview
This course has total 6 units focusing on basics of philosophy of science and ethics, research integrity, publication ethics. Hands-on-sessions are designed to identify research misconduct and predatory publications. Indexing and citation databases, open access publications, research metrics (citations, h-index, Impact Factor, etc.) and plagiarism tools will be introduced in this course.

Pedagogy:
Class room teaching, guest lectures, group discussions, and practical sessions.

Evaluations:
Continuous assessment will be done through tutorials, assignments, quizzes, and group discussions. Weightage will be given for active participation. Final written examination will be conducted at the end of the course.

Modules	Unit title	Teaching hours
Theory		
RPE 01	Philosophy and Ethics	4
RPE 02	Scientific Conduct	4
RPE 03	Publication Ethics	7
Practices		
RPE 04	Open Access Publications	4
RPE 05	Publication Misconduct	4

RPE 06	Database and Research Metrics	7
	Total	**30 hours**

Syllabus in details
Theory
RPE 01 PHILOSOPHY AND ETHICS (3 HRS)
1. Introduction to philosophy: definition, nature and scope, concept, branches
2. Ethics, definition, moral philosophy, nature of moral judgements and reactions

RPE 02 SCIENTIFIC CONDUCT (5 HRS)
1. Ethics with respect to science and research
2. Intellectual honesty and research integrity
3. Scientific misconducts: Falsification, Fabrication, and Plagarism (FFP)
4. Redundant publications: duplicate and overlapping publications, salami slicing
5. Selective reporting and misrepresentation of data

RPE 03: PUBLICATION ETHICS (7 HRS)
1. Publication ethics: definition, introduction and importance
2. Best practices/ standard setting initiatives and guidelines: COPE, WAME, etc.
3. Conflicts of interest
4. Publication misconduct: definition, concept, problems that lead to unethical behavior and vice versa, types
5. Violation of publication ethics, authorship and contributorship
6. Identification of publication misconduct, complaints and appeals
7. Predatory publishers and journals

PRACTICE
RPE 04: OPEN ACCESS PUBLISHING (4 HRS)
1. Open access publications and initiatives
2. SHERPA/RoMEO online resource to check publisher copyright & self-archiving policies.
3. Software tool to identify predatory publications developed by SPPU
4. Journal finder / journal suggestion tools viz. JANE, Elsevier Journal Finder, Springer Journal Suggestions, etc.

RPE 05: PUBLICATION MISCONDUCT (4 HRS)
A. Group Discussion (2 hrs.)
1. Subject specific ethical issues, FFP, authourship
2. Conflicts of interest
3. Complaints and appeals: examples and fraud from India and abroad

B. Software tools (2hrs.)
Use of plagiarism software like Turnitin, Urkund and other open source software tools

RPE 06: DATABASE AND RESEARCH METRICS (7 HRS)
A. Databases (4 hrs.)
   1. Indexing databases
   2. Citation databases: Web of Science, Scopus, etc.
B. Research Metrics (3 hrs.)
1. Impact Factor of Journal as per Journal Citation Report, SNIP, SJR, IPP, Cite Score
2. Metrics: h-index, g index, i10 index, altmetrics

References
Bird, A. (2006). Philosophy of Science. Routledge.
MacIntyre, Alasdair (1967) A Short History of Ethics. London.
P. Chaddah (2018) Ethics in Competitive Research: Do not get scooped; do not get plagiarized, ISBN: 978-9387-480865
National Academy of Sciences, National Academy of Engineering and Institute of Medicine. (2009). On Being a Scientist: A Guide to Responsible Conduct in Research: Third Edition. National Academies Press.
Resnik, D. B. (2011). What is ethics in research & why is it important. Nationa Institute of Environmental Health Sciences, 1-10. Retrived from
https://www.niehs.nih.gov/research/resources/bioethics/whatis/index.cfm
Beall, J. (2012). Predatory publishers are corrupting open access. Nature, 489(7415), 179-179. http://doi.org/10.1038/489a
Indian National Science Academy (INSA), Ethics in Science Education, Research and Governance (2019), ISBN:978-81-939482-1-7.
http://www.insaindia.res.in/pdf/Rthics_Book.pdf