



VISVESVARAYA TECHNOLOGICAL UNIVERSITY

“JNANA SANGAMA”, BELAGAVI - 590018

VTU JNANA YAANA DOCTORAL FELLOWSHIP 2019-20



About VTU

VTU is one of the largest Technological Universities in India with 20 years of Tradition of excellence in Engineering & Technical Education, Research and Innovations. VTU came into existence in the year 1998, established by Government of Karnataka as a State University, to cater the needs of Indian industries for trained technical manpower with practical experience and sound theoretical knowledge. The university having 219 affiliated colleges, 1 constituent college and 17 Autonomous colleges with undergraduate courses in 35 disciplines, PG program in 94 disciplines and Ph.D & M.Sc (Engg.) with research programs in 592 departments, over 4 Lakhs Engineering Students study in the various institutes affiliated to the University.

About JYDF

The primary aim of the Research is to help the humankind in developing society (environment, economy, and social aspects). To encourage the talented, enthusiastic, devoted and result oriented Researchers to take up indigenous Research, and create a talent pool, VTU has instituted JnanaYaana Doctoral Fellowship (JYDF) to fulltime meritorious Researchers pursuing Research, leading to Ph. D degree and furthering the future economic growth of the country.

- (i) Up to 40 Fellowships shall be provided every year.
- (ii) The Fellowship is applicable to only those Researchers who pursue Research programme on full time basis in any of VTU Post-Graduate Departments of VTU PG Centers located at Belagavi, Kalaburagi, Muddenahalli and Mysuru.
- (iii) The Fulfilment of academic conditions set in connection with Research work, Publication of papers and others shall be the same to all the Researchers irrespective of gender and the State Reservation Policy is followed for Fellowship allotment.
- (iv) Duration of the Fellowship shall be for a total period of three years (36 months) subject to the conditions.

JYDF Quantum of Financial and other supports under JYDF

The financial support shall be as under:

- (i) Fellowship amount per month: **Rs. 25,000/-**
The fellowship shall be credited to the account of selected Researchers through bank transfer/RTGS/NEFT.
- (ii) Contingency amount per annum: **Rs. 20,000/-**
The fellowships will be offered in the research centres and areas as mentioned below:



Research Centres	Research Areas	Research Facilities
Computer Science and Engineering (CSE)	Vision Computing / Image Processing, Knowledge based systems / Intelligent Computing, Internet of Things, Distribution System, Computer Networking, Information Security, Cloud Computing, Big Data Analytics, Biomedical Data-mining, Wireless Sensor Networks, Personalised Learning, Sematic Web, CBIR, Multimedia retrieval, Multimodal search and Retrieval, Network Security and other relevant areas.	<ul style="list-style-type: none"> ❖ State of the art Computing Laboratory ❖ Wi-Fi Enabled Campus ❖ Dedicated Internet Lab ❖ Department Library ❖ Access to reputed Journal through Consortium throughout Campus for unlimited Use. ❖ Anti-plagiarism Software to maintain Ethical Standards. ❖ IPR Cell for Supporting Patents. ❖ Printers/Scanners/LCD/ Projectors/Multimedia Tools ❖ Micro Irrigation Lab ❖ Geospatial Lab ❖ Basic concrete technology and composite materials lab ❖ Xilinx-Vivado, Matlab, Simulink. ❖ FPGA prototyping boards and Analog and Digital IO boards. Xilinx. ❖ ARM based code development tools. ❖ DSP Code development tools and development kits from TI & AD. ❖ SDR tools. ❖ Test & measurement facilities for Digital, Analog, Spectrum Analyzer, Digital Logic analyzer. ❖ MATLAB tools.
Civil Engineering (CE)	Watershed management, Water quality analysis, Flow analysis, Remote sensing and GIS, Environmental studies, Ground water recharge, Ground water interaction with sea water, effective irrigation, optimization in irrigation, Climate change, Structural Dynamics, Concrete Technology, Composite Technology, Embodied energy in construction materials, Special Concretes, Ground improvements techniques, Highway Geometric design, Geospatial Technology Applications in CE, Environmental & Water resource Engineering and other relevant areas.	<ul style="list-style-type: none"> ❖ Xilinx Spartan-6 FPGA Connectivity Kit. ❖ Nuoton Embedded System Development Boards and Kits. ❖ Wireless Sensor Network Professional Kits, Sensors and Qualnet Software. ❖ RF and Optic Design Hardware, OPTSIM, FSO Link. ❖ Computational Lab : Ansys Research Edition, MSC NASTRAN, FLUENT, MATLAB. ❖ Experimental Facility : <ul style="list-style-type: none"> a. Conventional heavy duty Lathe Machine attached with the research facilities to estimate cutting forces and surface finish (tool dynamometer, Mitutoyo surface tester, MQLsystem, CNC turning, CNC Milling, VMC & Drill tap machine & Stratasys 400Mc (Rapid Prototyping) machine, RENISHAW Coordinate Measuring Machine with probe attachments. b. In renewable energy supplied by Christiani GmbH to train the students in solar photovoltaics, solar flat plate collectors and energy conservation principles. ❖ IC Engine Testing LAB: Computerised Diesel engine test lab, Small Scale bioDiesel Digester
Electronics and Communication Engineering (E&C)	VLSI for communication, VLSI Design, Big Data, Cloud computing, Artificial Intelligence, Wireless Communication, Optical communication and other relevant areas.	
Mechanical Engineering (ME)	Mechanical Design / Manufacturing related Fields, Engine Dynamics, Finite element Analysis, Tribology, Wear, Friction Analysis, Heat transfer and fluid flow, Multiphase Flows, Alternate Fuels and Experimental Fluid Mechanics, Numerical Analysis, Composite material fabrication and Analysis, Fracture Mechanics and other relevant areas.	
Master of Business Administration (MBA)	Retailing, Digital Marketing, Advertising, Human Resource Development, Financial Services, Derivatives, Banking, and Strategy, Monetary Policy, Sustainable Development, International Trade & Finance, Economic & business Environment, Consumer Behavior, Tourism Management, Stock Market Analysis, FII and DII, Foreign Trade Analysis, Import and Export Analysis, Corporate Financial Analysis, General Management, IFRS, Corporate Governance, Behavioral Finance, Accounting and Taxation, Supply Chain Management, TQM, Project Financing and Management, MSME, Rural Marketing, HRM, Micro Finance, Social Marketing, Sales Management and other relevant areas.	
Nanotechnology (NT)	Batteries, Photo catalyst, Waste water Treatment, DSSC Cells, Biotechnology, Coatings and other relevant areas.	
Aerospace Engineering (AE)	Aerospace Propulsion, Aerospace Materials and other relevant areas.	
Master of Computer Application (MCA)	Vision Computing / Image Processing, Knowledge based systems / Intelligent Computing, Internet of Things, Distribution System, Computer Networking, Information Security, Cloud Computing, Big Data Analytics, Biomedical Data-mining, Wireless Sensor Networks, Personalised Learning, Sematic Web, CBIR, Multimedia retrieval, Multimodal search and Retrieval, Network Security and other relevant areas.	

For more information visit : <https://vtu.ac.in>

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

JNANASANGAMA, BELAGIVI - 590018.

Phone:0831- 2498100/2405468, Fax: 2405467

E – Mail: registrar@vtu.ac.in, Web: www.vtu.ac.in



REGULATIONS GOVERNING THE VTU JNANA YAANA DOCTORAL FELLOWSHIP

Fellowships to fulltime Ph.D Researchers registered at
University Research Centers in the broad areas of
Civil Engineering, Mechanical Engineering, Electronics and Communication
Engineering, Computer Science and Engineering, Nano Technology, Aerospace
Propulsion Technology, Master of Computer Applications and Master of Business
Administration.

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19JYDF 1.0 Introduction - The Role and Relevance of Research

The primary aim of the Research is to help the humankind in developing society (environment, economy, and social aspects). The Research activities should culminate in any of the following;

- Basic Research: Development of knowledge that may be applied to practical uses and may not be having immediate commercial objectives.
- Applied Research: Discovery of new specific knowledge that has commercial objectives with respect to products, processes, and services.
- Development: Production of useful materials, devices, systems, or methods, including design and development of prototypes and processes.

The Research should also aim at National issues and cover a wide range of fields like,

- Agriculture (Agriculture, forestry, fisheries, food production and its preservation technology, chemical fertilizers, pest control, mechanization of agriculture, etc.),
- Environment (Control of pollution, protection of ambient air, atmosphere and climate, waste management, protection of ambient water, soil and groundwater, protection against natural hazards, etc.),
- Energy (Production, storage, transportation, distribution and rational use of all forms of energy, energy conservation, CO₂ capture and its storage, etc.),
- Industrial production and technology (Improvement of industrial processes, production technology, increasing economic efficiency, recycling waste, etc.),
- Defence (Military needs),
- Health (Protecting, promoting and restoring human health),
- Management Studies (Planning, organizing, staffing, leading or directing, controlling an organization, resourcing, manipulation, human resources, financial resources, technological resources, and natural resources, inventing new thoughts, concepts and smart business strategies).

To encourage the talented, enthusiastic, devoted and result oriented Researchers to take up indigenous Research, and create a talent pool, University has instituted Jnana Yaana Doctoral Fellowship (JYDF) [Jnana Yaana: Pursuit of Knowledge] to fulltime meritorious Researchers pursuing Research, leading to Ph.D degree and furthering the future economic growth of the country.

19JYDF 2.0 Objectives of Financial Aid - the Fellowship

Researchers who registers to pursue Research on fulltime basis and not having any financial support, need financial aid to meet the costs to attend to Research activities, fee, books, stationary, computers, room and board (meal), transportation, other personal and living expenses, etc.

A financial aid avoids certain distractions and helps Researchers to focus on high standard Research. This strengthens the knowledge, skills, confidence to pursue the goal and leads to the holistic development and growth of a Researcher to create outcomes that improves the standard of living.

In view of the foregoing, Visvesvaraya Technological University, Belagavi (herein after, 'University') shall offer Fellowships under **VTU JnanaYaana Doctoral Fellowship** (herein after called, 'VTU JYDF') to Researchers selected under this scheme.

19JYDF 3.0 About the VTU JnanaYaana Doctoral Fellowship

- (i) A maximum of 40 Fellowships shall be provided every year.
- (ii) The Fellowship is applicable to only those Researchers who pursue Research programme on fulltime at any of the University Post-Graduate Departments of University PG Centers located at Belagavi, Kalaburagi, Muddenahalli and Mysuru.
- (iii) The fulfillment of academic conditions set in connection with Research work, Publication of papers and others shall be the same to all the Researchers irrespective of gender and State Reservation Policy considered for Fellowship allotment.
- (iv) Duration of the Fellowship shall be for a total period of three years (36 months) subject to the conditions.
- (v) The Fellowship shall start from the date on which the Researcher completes the procedure laid by the Office of the VTU JYDF Cell. [Refer to 19JYDF 9.0 (ii)].
- (vi) The payment of Fellowship may be for 36 successive months or in installments to an extent of 36 months in case of Researchers based on the maternity leave and/or permissible intermittent break/s that they avail.
- (vii) The fellowship shall be allotted to Researchers pursuing the Research in broad area of;
 - Civil Engineering
 - Mechanical Engineering
 - Electronics and Communication Engineering
 - Computer Science and Engineering

- Nano Technology
- Aerospace Propulsion Technology
- Computer Applications
- Business Administration

(viii) The Fellowship earmarked for each Research area shall be allotted based on the merit and the roster system of the State Government.

(ix) On the recommendations of the Doctoral Committee, the Researcher can at any time changeover from fulltime category to part time category. Consequent to this change over, the Researcher shall not be eligible for the Fellowship henceforth.

19JYDF 4.0 Eligibility to Fellowship:

Foreign candidates (with English as the medium of instruction) and National candidates who fulfill the following conditions are eligible to apply for VTU JYDF.

(i) Latest batch Researchers who have registered at any of the University Research Centers as fulltime Researchers for pursuing Research Programme leading to Ph.D degree are only eligible for the Fellowship.

(ii) Researchers with Ph.D degree and seeking an additional Ph.D on fulltime basis at any of the University Research Centers.

iii Researchers who are receiving financial assistance from any organizations or who are under Quality Improvement Programme (QIP) and Faculty Improvement Programme (FIP - similar to QIP but apply to teachers from private institutions) and receiving regular salary, are not eligible for the Fellowship.

19JYDF 5.0 Procedure to Apply for VTU JYDF

(i) Applications shall be invited, in the prescribed format from the latest batch fulltime Researchers registered at any of the University Regional Centers for the consideration of Research Fellowship.

(ii) The notification calling for the applications shall be made available on the University Website also.

(iii) Duly filled Applications shall be sent or submitted to the Registrar, VTU on or before the last date mentioned in the notification.

(iv) Late submission of applications shall not be entertained.

19JYDF 6.0 Scrutiny of Applications

(i) All the received applications shall be scrutinized, discipline-wise, by the senior faculty members of at least Professor Cadre and a discipline-wise list of eligible Researchers shall be prepared.

(ii) A list of Researchers who are not eligible for the Fellowship, but applied for the same, shall be prepared quoting the reasons.

(iii) A list of incomplete applications along with reasons for rejection shall be prepared.

(iv) The list of candidates under different categories mentioned above shall be published on the University website.

19JYDF 7.0 Selection Procedure for the Award of VTU JYDF

(i) An Expert Committee constituted by the Vice Chancellor for each broad area of Research shall scrutinize the applications of eligible Research candidates along with the proposed details of their Research work and the expected outcomes, and prepare a list of Research candidates to be called for an interview.

(ii) Based on the academic merit of the candidate and presentation of the Research topic before the expert's committee and interview, the committee [cited at 19JYDF 7.0 (i)] shall select the candidates for Fellowship as per the state reservation policy.

(iii) Preference shall be given to those applicants who have

- Research topics with industry partner to support the Research project financially and/or providing guidance and mentorship.
- With interdisciplinary Research topics and interdepartmental group activities.
- Funded projects, with no financial assistance to Researchers.
- Projects with hardware fabrication.
- Research Topics of advanced technology.
- Innovative ideas.
- High commercial potential topic.
- Research Supervisor and the industry Supervisor with good track record/s in Research activities.

(iv) The decision of the Expert Committee in selection of the Researcher/s for the Fellowship shall be final and binding.

(v) The Registrar, VTU, with the approval of the Vice Chancellor, shall publish the list of candidates selected for the Fellowship on the University website and issue orders to the selected candidates confirming the award of Fellowship to them.

(vi) All the correspondences pertaining to the Researcher with the University or with the outside organizations shall be forwarded by the Research Supervisor and Research Center Head.

19JYDF 8.0 Quantum of Financial and other supports under VTU JYDF

(A) Financial Support

The financial support shall be as under.

(i) Fellowship amount per month: Rs. 25,000/-

The Fellowship shall be credited to the account of selected Researchers through bank transfer/RTGS/NEFT.

(ii) Contingency amount subject to a maximum of Rs 20,000/- per annum.

The contingency amount shall be released on half-yearly basis (twice in a year, equally). The Contingency grant can be utilized for the following;

(a) Purchase of stationery relevant to the Research.

(b) Purchase of books, monographs, etc., which are not available in the library but required for the Research shall be made on the approval of Research Supervisor and Head of the Research Center and as per the purchase norms. Books purchased by the Researcher, from the contingency grant shall be allowed to be retained by him/her or to return to the library at his/her discretion.

(c) Travel within the country for attending seminars, symposiums, national and international conferences/workshops/training in the field of research/lectures/fieldworks etc., and registration fee, if any, with the approval of Research Supervisor and Research Center Head.

(d) Meet the relevant reprographic charges and re-prints and off prints of relevant Research papers, all certified by the Research Supervisor/s and Research Center Head.

(f) Meeting any other specific Research related requirement other than capital goods with the approval of Research Supervisor and Research Center Head.

(g) No reimbursement shall be allowed from the contingency grant for purchasing furniture and office equipment. The unutilized part of the contingency grant shall not be carried forward to the next year.

(iii) Escort/Reader assistance for Researchers who are specially-abled (certified by the Head of District Level Government Hospital) per month: Rs. 2,000/-

- Monthly payment to the Escort/ Reader shall be made by the VTU JYDF cell based on the certificate issued by the Research Supervisor and Research Center Head.

(B) Accommodation

(i) The Researchers shall stay at the corresponding headquarters of University Research Center during the entire tenure of Fellowship.

(ii) Single bed accommodation shall be provided, if vacancy is available, in hostel/s maintained by the University Research Centers. The Researcher has to meet the hostel boarding and lodging charges and shall abide by the rules of the hostel notified from time to time.

(iii) In case, University Research Centers cannot provide accommodation in hostel/s maintained by them or the Researcher who does not want to stay in the hostel, Researcher shall be permitted to reside outside, however within a distance of 15 km from the Research Center. The Researchers, to this effect, shall submit the proof of residence to VTU JYDF Cell through Research Supervisor and Research Center Head for the release of Fellowship.

(C) Medical Allowance

(i) Researchers can avail the medical facilities provided in the campus as per the University norms.

(D) Working Days, Leaves pertaining to Research Activities and other Benefits

(i) Researcher shall be present on all the working days of the University and utilize, as far as possible, Saturdays, Sundays and University holidays to expedite the research work.

(iii) On certification by the Research Supervisor and Research Center Head, the Period spent on Fieldwork, experimentation at an industry/R and D establishments, Data collection etc., shall be treated as on duty.

(iv) No vacation shall be admissible to Researchers. However Special Leave for a period not exceeding 30 days in one Calendar Year shall be sanctioned to the Researcher, on approval by the Research Supervisor and Research Center Head, to attend lecture/seminar/ symposium/ workshop/training/internship pertaining to the field of Research/ participate and to present paper(s) in conferences.

(v) Unauthorized absence by Researcher shall lead to loss of Fellowship for the period of absence. Endorsed by the Research Center Head, the period of absence of the Researcher shall be reported to the VTU JYDF Cell by the Research Supervisor.

(vi) Repeated unauthorized absence shall be treated as misconduct and the Fellowship shall be discontinued. The Researcher may have to discontinue pursuing of Ph.D programme, if the University Authorities decides so on the recommendations of the Doctoral Committee.

(vii) (a) Married male Researcher shall be entitled for a paternity leave of fifteen days only, once during the tenure of the Fellowship. During this period, the Researcher shall be entitled for the Fellowship.

(vii) (b) Paternity leave shall not be admissible to a Researcher who has two or more living children.

(viii) Researchers who are specially-abled shall be eligible to Special Disability Leave as per Section V - Special Disability Leave of KCSR.

(ix) Women Researchers shall be eligible for the maternity leave/child care leave of up to 240 days, once during their Ph.D Programme [Ph.D – 21.4 (f), Regulations – 2017] or as per University notifications issued from time to time. During this period, the Researcher shall not be entitled for the Fellowship.

(x) Apart from the Maternity Benefit, an 'Intermittent Break' for a maximum period of one (01) year shall also be permissible to the women Researchers. The leave can be availed in three (03) installments during the entire period of Fellowship. However, the total duration of leave shall not exceed one year. This 'Intermittent Break' shall not be counted towards the tenure of the Fellowship and thus effectively the total period of Fellowship (36 months) shall remain the same. During the Intermittent Break/s the Researcher shall not be entitled for the Fellowship.

(xi) No extra/additional leave apart from intermittent Break, in supportive of maternity leave, shall be granted after the expiry of maternity leave. In case, the Women Researcher fails to report for the Research work, that period shall be considered as unauthorized absence and they shall not be eligible for the fellowship for that period. However, in exceptional cases, under the advice of a doctor of the rank of district surgeon, one installment of not more than six (06) months of Intermittent Break shall be allowed.

(xii) Women Researchers who have availed maternity leave with or without Intermittent Break and Researchers who have availed paternity leave, shall report to Research work after the leave period. The reporting to the Research work shall be intimated to the VTU JYDF Cell by the Researcher endorsed by Research Supervisor and Head of the Research Center.

(xiii) An academic leave, for a national or international academic/ Research assignment or teaching that is supportive to Research activities, shall be permissible without the Fellowship for a maximum period of 12 months either in one or multiple slots during the three years of Fellowship tenure. No financial support shall be provided by the University for such an Assignment under academic leave.

The Researcher shall obtain permission from the VTU JYDF Cell, before taking up the assignment under Academic leave by submitting an application endorsed by the

Research Supervisor, Research Center Head and assignment provider to the VTU JYDF Cell.

Upon completion of the assignment under Academic Leave, the Researcher shall report to the Research work and submit a report to the VTU JYDF Cell on the Assignment undertaken, endorsed by the Research Supervisor and Research Center Head, along with the attendance certificate.

In case, the Researcher proceeds to take up the assignment without the permission from the VTU JYDF Cell, the absence will be treated as unauthorized absence and the Researcher shall be removed from the books of Fellowship. Also, the Researcher may have to discontinue pursuing of Ph.D programme, if the University Authorities decides so in consultation with the Research Supervisor and Research Center Head.

19JYDF 9.0 Conditions for the Release and Maintenance of Fellowship

- (i) The Researcher shall report to the Research Center for starting the Research work within 15 days of intimation from Office of the Registrar, VTU (refer to 19JYDF 7.0 (v). In case, the Researcher fails to report for the Fellowship, his/her name shall be removed from the books of Fellowship.
- (ii) The Researcher shall be eligible for the Fellowship, only on signing a bond and submission of all the relevant documents to the Office of the VTU JYDF Cell channeled through the Research Supervisor and the Research Center Head.
- (iii) The Fellowship amount, contingency amount and Escort/ Reader assistance amount shall be sanctioned initially for a period of one year.
- (iv) The prevailing attendance norms applicable to University employees during working hours shall also be applicable to Researchers. The Researchers shall also sign the attendance register maintained in the Research Center as per the University norms.
- (v) The certified copy of the biometric attendance/ monthly statement of attendance endorsed by the Research Supervisor and the Research Center Head shall be sent to VTU JYDF Cell on or before 24th of every month for the release of Fellowship.
- (vi)(a) The monthly Fellowship amount shall not be released, in case, the statement of attendance is not submitted on or before 24th of every month to the VTU JYDF Cell.
- (vi)(b) The Fellowship amount shall be withheld if the first biannual Research progress is not satisfactory, as per the Doctoral Committee, even when the attendance of the Researcher is satisfactory. However, during the first year of the Fellowship, the withheld Fellowship amount shall be released only if the Doctoral

Committee certifies in its second biannual Research progress that the progress of the Researcher is satisfactory.

(vii) During the first year of the Fellowship period, the Researcher shall,

(a) Work to complete the prescribed coursework within the first two semesters of provisional registration to Ph.D programme. However, in no case the time period for completing the coursework shall exceed four semesters, as per Ph.D 14.1 (f) of Regulations -2017.

(b) Carryout the literature survey (review) to gather research specific material from books, scholarly articles, data, techniques developed, appraisals/critiques, debates, conclusions, progress in research, etc.,

(c) Consolidate the surveyed material to critically evaluate the literature and to prepare a report consisting of analysis, interpretation, synthesis, gaps, etc.

(d) Use the report to identify Research problem, methodology, etc.

(viii) (a) The sanction of Fellowship for the second year shall be based on the satisfactory recommendation of the Doctoral Committee regarding the Research progress during the first year of the registration.

(viii) (b) During the second year of the Fellowship, irrespective of the pass or fail status of the course/s of the coursework, the Researcher shall mandatorily publish at least one paper (Research Articles, Research Letters, Review Articles, Case Studies, Commentaries, Comments, Replies, Technical Reports) in refereed journals (Scopus/Thomson Reuters/Web of Science indexed journals) or write a book on the Research related topic or a chapter in a book.

(viii)(c) In case, the Researchers fail to publish a paper, the Fellowship shall be terminated. However, they shall be permitted to continue to pursue Ph.D programme without the Fellowship.

(ix) (a) In case of women Researchers, who have availed maternity leave, first year of the Fellowship period refers to 12 months of actual presence of the Researcher at the Research Center. The 12 months period is excluding the intervening period of maternity leave and any installment of the intermittent leave from the date of provisional registration to Fellowship (from here on referred to as first stint).[Refer: Ph.D – 21.5, (e) and (f) of Regulations - 2017]

Similarly, second and third year of the Fellowship refers to the subsequent 12 months of actual presence of the Researcher at the Research Center (from here on referred to as second and third stint respectively).

(ix)(b) During the first stint of the Fellowship period, the women Researcher shall, satisfy the clause 19JYDF 9.0 (vii) (a) through (d).

(ix)(c) The sanction of Fellowship for the second stint of the women Researchers shall be based on the Recommendation of the Doctoral Committee regarding the Research progress during the first stint of the registration.

(x) During the second stint of the Fellowship, irrespective of the pass or fail status of the course/s of the coursework, the women Researchers shall mandatorily publish at least one paper (Research Articles, Research Letters, Review Articles, Case Studies, Commentaries, Comments, Replies, Technical Reports) in refereed journals (Scopus/Thomson Reuters/Web of Science indexed journals) or write a chapter in a book or a book on the Research topic.

(xi) By the end of the third year/third stint of the Fellowship, the Researchers, shall have completed the major part of the Research work and be ready for the submission of thesis. Also the Researcher shall mandatorily publish at least one paper in foreign journal with good impact factor. He/she shall acknowledge the academic support and financial assistance of University in the publication(s). Soon after the paper publication, one copy of the Research paper/s shall be sent to VTU JYDF Cell through proper channel.

(xii) The Fellowship of a Researcher ceases, in case

(a) The Researcher fail to fulfill Ph.D 14.1(f), 14.6 (a) and (b) of Regulations – 2017.

(b) The Doctoral Committee recommends for cancellation of Ph.D registration as per Ph.D – 16.2 of Regulations – 2017. The Fellowship shall be restored, in case the Ph.D registration is not cancelled against an appeal by a Researcher.

(xiii) If a Researcher, who has satisfied all the conditions but wants to relinquish the Fellowship at any time of the Fellowship tenure, he/she can do so, provided that the Research Supervisor and the Research Center Head have agreed for the same.

(xiv) The Fellowship shall be recovered and disciplinary action shall be initiated in case of any type of misconduct and in cases where the University rules/professional ethics related to Research work are violated.

(xv) In case of any false information furnished by the Researcher, the Fellowship shall be discontinued and the Fellowship amount paid until then shall be recovered immediately. Further, penal action shall be initiated.

19JYDF 10.0 Responsibilities of Researchers

(i) The Researcher shall sign an undertaking to the effect that he/she adheres to the rules/regulations/guidelines of the University issued from time to time.

(ii) The Researcher, shall attend the academic work such as tutorials, evaluation of test papers, laboratory instruction and supervision of experiments conducted,

computer laboratories, supervision of fieldwork, seminars, symposia, conferences, etc., assigned by the Chairperson of the Department/ Coordinator in consultation with Research Supervisor/ Research Center Head.

(iii) The above assignments shall not hinder the Research work and exceed ten hours a week.

(iv) The Release of monthly Fellowship and continuation of the Fellowship shall also be subject to the satisfactory discharge of the academic duties assigned by the Chairperson of the Department/ Coordinator in consultation with Research Supervisor/ Research Center Head.

(v) (a) The Researcher shall obtain written permission/no objection certificate (NOC) from the VTU JYDF cell for the submission of thesis to the University.

(v) (b) The Researcher, after the viva-voce examination, shall submit an excerpt of the Thesis, details of papers published, etc., to the VTU JYDF Cell.

(vi) In case, the Research work is worthy of a patent, the Researcher, the Doctoral Committee shall jointly inform the University about the same.

University shall be one of the parties for the patent to be applied/acquired, during or after the Fellowship period, for the Research work carried out at any of the University Research Centers and for which University has conferred the Ph.D degree.

For the patent, the Researcher and the Research Supervisor shall collectively be the 'Inventors' and University the 'Assignee'. The cost for acquiring the patent shall be borne by University and any benefit accrued from the commercialization of the patent shall be shared between the inventors and the assignee as per University's IP Guidelines.

(vii) Researchers are not entitled to take up any type of employment (regular, temporary, contract, ad-hoc, guest faculty, part-time, fulltime etc.) during the tenure of Fellowship. Violation of this condition directly leads to the cancellation of Fellowship and immediate recovery of the Fellowship amount, in lump sum, paid until then. However, he/she shall be permitted to pursue the Ph.D programme on a part time basis.

(viii) Researchers are not permitted to pursue any other Degree Programme within the University or at other Universities/Institutions, concurrently with his/her ongoing registration at the University.

19JYDF 11.0 Repeal and Savings

(a) Notwithstanding anything contained in these regulations, the provisions of any guidelines, orders, rules or regulations in force at the University shall be inapplicable to the extent of their inconsistency with these regulations.

(b) The University shall issue such orders/instructions, and prescribe such format/procedure, as it may deem fit to implement the provisions of these regulations.

19JYDF 12.0 Interpretation

(a) Any questions as to the interpretation of these Regulations shall be decided by the University, whose decision shall be final.

(b) The University shall have powers to issue clarifications to remove any doubt, difficulty or anomaly which may arise during the implementation of the provisions of these Regulations.

19JYDF 13.0 Revisions

The University shall have the powers to incorporate into the VTU JYDF Regulations the UGC/AICTE guidelines as and when notified by them.

