

Vision Document: Research & Development (R&D)
Road Map with Actionable Agenda

The University is committed in its pursuit of excellence in Research & Development and aims to accomplish various Research programs and initiatives across a wide spectrum of interdisciplinary and multidisciplinary streams namely Engineering & Technology, Basic Sciences, Humanities & Social Sciences, Legal Studies, Management, Commerce, Hotel Management, Pharmacy and Medical Science. The commitment to the interdisciplinary and multidisciplinary work is reflected in applied research as well as basic research in alignment with the vision of NEP-2020 and Atma Nirbhar Bharat. The University ensures that all the core and interdisciplinary subjects flourish in research by adopting the highest norms and standards of a scholarly undertaking.

This document provides information pertaining to various research policies and promotional activities of the University. It outlines the principles that are taken into consideration while planning and conducting research. The guiding principles that are strictly adhered to while recording, reporting and applying the results obtained are emphasized.

1. Vision:

The vision is to focus on academic excellence in alignment with the NEP-2020, with the aim to provide highest quantity and innovative research in addition to development of socially conscious research leaders equipped to address the future challenges of the society in fast changing global and technologically driven environment.

2. Mission:

- To create conducive environment for better access to research and development through mobilization of resources and funding.
- To encourage multidisciplinary and interdisciplinary research through collaborative approach with Industry, Academia, Government and Community based Organization at the local, National and International levels.

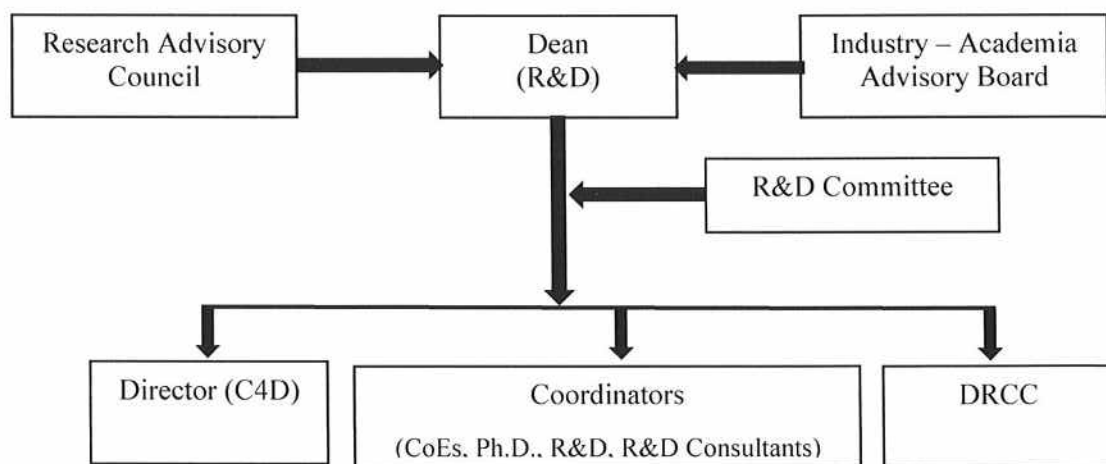
3. Objectives:

- a. To promote dynamic research with focus on basic, applied research and developmental research and publication of research papers in the referred and high H-index journal.
- b. To integrate the four elements of research & development i.e. people, ideas, funds and culture in order to have quality research and development activities.



- c. To identify the core areas of research involving interdisciplinary, multidisciplinary and collaborative approach in industry and academia at the National and International level and develop interdisciplinary and multidisciplinary research clusters.
- d. To strengthen the existing Centers of Excellence: C4D, SRM-Siemens Center of Excellence & SRM-BOSCH Center of Excellence, etc.
- e. To establish advance research centers at least one in each faculty and one advance center more socially relevant to the area particularly in the state of Haryana.
- f. To publish University journal, and further to create opportunities for publication of quality research papers from interdisciplinary & multidisciplinary areas.
- g. To introduce “Best Research Paper Award”, “Best Research Faculty Award” and “Best Research Project Award”.
- h. To create conducive environment and culture for research and development and to encourage academia-industry to undertake more quality research publications, projects, patents, MDP and consultancy.

4. Governance Structure:



4.1 Research Advisory Council (RAC): The University has constituted the Research Advisory Council whose role is to review the R&D projects submitted to the funding agencies and that would further advise the R&D unit of the University for research activities. The RAC will have five members including two external members of repute and would meet twice in a year.

4.2 Industry-Academia Advisory Board (IAAB): The key function of the Industry-Academia Advisory Board (IAAB) is to advise the industry oriented research program. In addition, the IAAB will arrange the CSR funds from the industries for the faculty members of the University to encourage the industry oriented research program in the University.

4.3 R&D Committee: The R&D Committee will have members representing the Ethics & IPR. It would play a pivotal role in raising the resources, funds, research programs, policy

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development, collaborations, monitoring and commercialization. The Committee would have bi-monthly meeting to monitor, evaluate and advice Dean (R&D).

4.4 R&D Consultants: Based on the recommendation of Research Advisory Council (RAC) and Industry-Academia Advisory Board (IAAB), R&D consultants in the area of expertise may be appointed for Research and Development for the University. These consultants will be hired based on honorarium as recommended by the RAC and IAAB and approved by the Vice Chancellor. The Dean (R&D) shall identify Consultants to interact with the Funding Agencies and advise the faculty members on the projects. In addition, the Consultants shall arrange training/guidance to the faculties for preparing project proposals for extra-mural grants. The overhead charges may be used to pay the remuneration for the Consultants.

5. R & D Plans and Incentive Schemes:

The University is committed in its pursuit of excellence in research and aims to lead the Research agenda across the spectrum of Engineering & Technology, Basic Sciences, Humanities, Social Sciences, Legal Studies, Management, Commerce, Hotel Management, Pharmacy and Medical Science. Our commitment to the interdisciplinary and multidisciplinary work is reflected in both Applied Research and Basic Research in compliance with the goals of Atma Nirbhar Bharat and NEP-2020. To achieve the research goals, the University has the following plans and incentive schemes:

5.1. Research Publications:

(a) Research papers: To encourage publication of quality research papers and publications in referred journals-Nature/SCI/SSCI/WoS/Scopus index journals/UGC care list, peer-reviewed National/International journals, etc. in the thrust areas as advised by the Research Advisory Council (RAC) and Industry-Academia Advisory Board (IAAB) from time to time, the University has constituted the “Best Paper Award.”

Best Paper award: The Best Paper Award shall be given to the Faculty members and students of University for publication of research papers in peer reviewed journal with a high impact factor. A panel of eminent personnel will be constituted to adjudicate the best paper as per the research norms and guidelines.

The incentive scheme adopted is:

SL.No.	Publication of Papers	Incentive Scheme	Best Research Paper Award*
1	A-Category Journals	> 5 IF – Rs.10,000/-	Only one award/year
2	B- Category Journals	< 5 IF – Rs.5,000/-	Only one award/year

(In the disciplines where IF are not very high, may be considered separately)

* Only One award per year for all disciplines will be given.

Here “Year” refers to the period from January to December.



5.2. Research Book Publication: The University shall constitute a “Best Research Book Publication Award” every year and the same shall be awarded to the faculty member who publishes a book based on his/her research work. The price money would be Rs. 10, 000/ (Ten thousand only) and only one award per year for all the disciplines will be given.

5.3. Seminars, Conferences & Workshops:

Presentation of research paper / Chairing the session in the National / International Conferences: If the faculty members of the University are invited to present a paper / Chair a session / deliver the Keynote Address etc. in an International Conference of very high standard, then 50% Travel Allowance may be granted by the University. To avail this facility, 3 years regular service at the University is mandatory. A faculty member can avail this facility once in 3 or 5 years or as decided by the Vice Chancellor.

Sl. No	Particulars	Incentive Scheme
1	Organizing Conference	For any faculty member taking initiative to organize Conferences would be provided the seed money. The organizing faculty will have to submit the proposal to organize a Conference / Workshop / Symposium to the Vice Chancellor for approval. A committee comprising of HoD, Faculty members initiating the conference, accounts person, faculty from other Department(s) may be formed before forwarding the proposal to the Hon'ble Vice Chancellor.
2	Presenting & Publishing Papers in Seminar proceedings (National / International Conference)	A committee may be formed to evaluate the worth of presenting the paper in the conference TA (round trip) & delegation fee for National conference TA (50%) & delegation fee for International Conference (proposal to be approved by the Vice Chancellor)
3	Chairing Session	Duty Leave will be given (National Conference) (proposal to be approved by the Vice Chancellor)
4	Participation as delegate	The proposal to be submitted by the concerned faculty members to the Vice Chancellor. If approved, Duty Leave may be granted.

5.4. Patents:

Faculty members/Research scholars/students are encouraged to file for patents. The Dean (R&D) will ensure assistance is provided for Patent filling of all the novel/innovative ideas of Faculty, Research Scholars and students. The incentive scheme by the University is as under:

Sl. No	Particulars	Incentive Schemes
1	Filing Patents	Submission fee will be reimbursed, provided the applicant is holding the first position
2	Patent published	Once the patent is published, Rs.10,000/- will be given as incentive.

In future, the University will establish a Patent Office in the campus.

5.5. Training & Consultancy:

Continuous effort will be made to encourage the faculty members to take up Consultancy projects and organize training programs. The University has adopted the following incentive scheme will be adopted by the University.

If the faculty members and students of the SRM University bring Consultancy projects to the University, then royalty distribution is 40% to the University and 60% to the Principal Investigator (PI) and team.

Consultancy	Incentive Scheme
Sanctioned Consultancy Amount	The ratio of distribution would be 60% to the Faculty & 40% to the University

5.6. Research Projects:

- (a) Sponsored Projects
- (b) Non-sponsored Projects

All effort will be made to encourage the faculty members to have funded projects from various funding agencies.

The incentive schemes for R&D Projects are as under:

Funded Research Project	10% of the overhead charges to the Principal Investigation (PI) & team
Un-sponsored projects	The University will encourage the faculty members to take more research projects. The seed money may be given as approved by the Hon'ble Vice Chancellor. A suitable committee may be formed before forwarding to the Hon'ble Vice Chancellor

The University shall create the seed money fund for various projects to be undertaken.

5.7. Strengthening Ph.D. Programme:

I. For Ph.D. Scholars who qualify CSIR, DST, DBT, ICMR, ICAR, MoHFW etc., the incentive schemes are as under:

- (a) Scholarship (50%) to the Ph.D. scholars who register for Ph.D. in the University through the University admission process from the Institutions of National Importance (CSIR, DST, DBT, ICMR, MHFW, etc.) with the University faculty members as Supervisors.
- (b) Scholarship (50%) to the research scholars who join the R&D projects sponsored by Government of India and other reputed funding agencies and selected through a competitive selection procedure.
- (c) Scholarship (50%) to the Ph.D. scholars with GATE/NET/JRF and other who qualify the competitive admission process of the University.

II. Ph.D. Scholars admitted through University test and not qualified above examinations mentioned in point I may be given – 25% fee concession applicable to 5 candidates in order of merit.

III. Ph.D. Scholars may also be selected by the University as Teaching Assistants with a fellowship of Rs. 25,000/ p.m. The University will have a proper system of selecting candidates under this scheme.

IV. Faculty Members may also be admitted in the Ph.D. programme through the University admission process. A fee waiver up to 50% may be given as approved by the Vice Chancellor, selected Faculty may have to fill a bond for his/her for the same.

5.8. Establishment of Centres of Excellence (CoEs) and Advanced Research Centres:

I. Strengthening and Establishment of CoE:

The existing CoE and C4D will prepare and present a road map with implementable agenda before the Research Advisory Council for suggestions and improvement. The SRM- Siemens Centre of Excellence (SRM-SSCoE) and SRM Bosch CoE will prepare and present a road map with implementable agenda to the RAC for suggestions and improvement. The centre will also device monitoring mechanism to access and evaluate the progress of the CoE.

II. Establishment of Centre of Excellence in Collaboration with Industry: Efforts would be made to identify (the grey area) and create CoE after having discussion and deliberation with Research Advisory Council (RAC) and Industry- Academia Advisory Board (IAAB).

III. Advanced Research Centres: Centres of excellence for specialized research will be established and the existing centres will be strengthened (e.g. C4D). Centre for Nano Science, Centre for AI & ML, Incubation Centre and Innovation Centre will be established.

Each faculty will make efforts to identify and establish at least one Advance Research Centre, which is socially and locally relevant to the needs of the people.

IV. Establishment of UN Centre for Training and Research: The UNITAR (United Nation Institute for Training and Research) is ready to establish the UN Centre for Training and Research at the University. This will be an unique centre in the University and one of its kind in the entire Country, as UNITAR has a policy of granting permission for a single centre in a country. The UNITAR faculty will be part of Training and Research.

6. Performance Monitoring and Evaluation Mechanism:

The Road Map for performance monitoring and evaluation mechanism would be prepared after discussion and deliberation with the Research Advisory Council and Industry-Academia Advisory Board and Vice Chancellor.

