Regulations for Research & Development

In

UNIVERSITY OF ENGINEERING & MANAGEMENT, JAIPUR

Research & Development

UEM, Jaipur will be a research-oriented University and participation in research is compulsory for all the Faculty members. Master's degree holders and others not holding a Ph.D. degree shall register for Ph.D. programme within one year of joining the University as an employee, failing which they shall justify reasons for not enrolling in Ph.D. programmes to the committee mentioned below and their period of probation may be extended.

i) Participation in sponsored Research/Project/Consultancy & Development is compulsory for each and every Faculty member – at least two publications in a national/international journal per year is mandatory for each Faculty member, failing which the Faculty member shall give justification for lack of sufficient/sponsored research progress/sponsored project on consultancy to a Committee consisting of the following:

a) The Vice-Chancellor - Chairman
b) The Pro-President (ProVice-Chancellor) - Vice-Chairman
c) The Dean of Faculties concerned - Member
d) The Head of the Department concerned - Member
e) One member of the Academic Council - Member
   as nominated by the President (Vice-Chancellor)
f) The Registrar - Secretary

ii) Patent: a. Revenue Sharing: 50% of patent revenue will be retained by the institute and 50% will be shared amongst the inventors. b. Reward: Rs. 10,000 after a patent is granted.

iii) Consultancy Revenue Sharing - 30% of consultancy revenue obtained by faculty will be retained by the institute and 70% will be disbursed to the faculty members.

iv) Incentive for Externally Funded Research - The Institute shall pay the research team an incentive equivalent to 5% of the research grants received from external funding agencies (in case of a team, the amount shall be shared equally among team members). The timing of the disbursement of the incentive (by cheque or transfer to the bank account) will be linked to the actual receipt of research funds. Conditions for incentive are:
a. Submission of project report to library.
b. Publication of the project in a reputed journal/conference or filing patent.
c. For every 7 days' delay from deadline of submission, 1% will be deducted from incentive.

1. **R&D Grant-in-aid Scheme – General Guidelines Proposals for Research & Development**

The University of Engineering & Management provides Grant-in-Aid support to its Faculty and Students to pursue research and development in the field of engineering and technology, science & humanities, management, business and commerce. The primary

objective is to develop technologies and business models leading to innovation patents and startups.

A. Salient Points of UEM R & D Grant-in-Aid Scheme

Project category	Guide	Quantum of grant	Project duration
Under Graduate (UG)	Should be faculty (internal or external)or Corporate Member(s)	Not exceeding Rs 50,000/-for a single project	Not exceeding six(06) months
Post Graduate (PG)	Should be Ph.D faculty	Not exceeding Rs 1,00,000/- for a single project	Not exceeding twelve (12) months
Doctoral (Ph. D)	Should be Ph.D faculty	Not exceeding Rs1,50,000/-for a single project	Not exceeding thirty-six (36) months
Faculty	Should be Ph.D faculty	Not exceeding Rs5,00,000/-for a single project	Not exceeding thirty-six (36) months

1. R&D committee will judge the R&D proposals according to their merit and any decision taken by IEM/UEM R&D committee is final. The proposals must have a literature review of existing patents and also propose then new patent and commercialization prospects.

2. The R&D work has to be completed and final report has to be submitted within the scheduled completion of course of the student and faculty. [Normally processing of proposals takes about 3 months. So the applicant(s) should keep adequate time for completion accordingly].

3. Preferences will be given to project proposals that are industry relevant and that have in-kind or cash support from the industry partners or those having potential to lead to a patent, an entrepreneurship venture or a start-up model. Projects that have thematic focus on green energy, clean water, waste-to-energy conversion, versatile simulation, urban rejuvenation, skill development in design and manufacturing will be preferred.

4. All cheques will be drawn in favour of the applicant and will be provided as installments.

B.   Documents to be submitted on Project Completion

Project category	Before Project Completion	After project completion			
	Half-yearly Report	Project Report	Project Completion Report (PCR)	Utilization Certificate (UC)	IEM R&D Compendium Proforma
Under Graduate (UG)	To be submitted in soft copy every six months	To be submitted in soft copy	To be submitted in soft copy	To be submitted in hard copy (in duplicate)	To be submitted in soft copy
Post Graduate (PG)	To be submitted in soft copy every six months	To be submitted in soft copy	To be submitted in soft copy	To be submitted in hard copy (in duplicate)	To be submitted in soft copy
Doctoral (Ph.D) & Faculty	To be submitted in soft copy every six months	To be submitted in soft copy	To be submitted in soft copy	To be submitted in hard copy (in duplicate)	To be submitted in soft copy

1. Researchers should submit Half-yearly Reporting soft copy every six months during the course of the project work. Project Report, Project Completion Report, Utilization Certificate & IEM R&D Compendium Proforma are to be submitted immediately after the completion of project. Soft copies of the above documents (except UC) should be forwarded to the Research Dean, Coordinator of Research Cell & Director: satyajit.chakrabarti@iemcal.com

2. Any intentional delay or non-submission of reports in time may result into debarring the guide/s and the student/s to avail any such grant-in-aid in future. IEM shall have the discretion to take any other action as deemed fit in such cases.

3. The Faculty, Students/s and their guide/s should maintain a book of accounts of all the expenditure incurred under the project and should submit a statement duly signed by all of them along with each report. The grant-in-aid should not be utilized for any other purpose other than the R&D work.

2. **Conference/Journal Publication Grant –**

1. All applications for attending conference and journal publication grants shall, before submission to the Vice-Chancellor, be examined by a Committee consisting of the following:

i) the Pro-Vice-Chancellor – Chairman
ii) the Dean of Faculty concerned – Member
iii) the Head of the Department concerned – Member
iv) one member of the Finance Committee as nominated
by the Vice-Chancellor – Member
v) the Registrar - Secretary

2.   Subject to approval of the above committee, each staff member will be eligible for registration fees and TA/DA for Conference/Journal publication upto:

   a. RS. 5000 for attending recognized reputed National conferences for presentation of paper/s.

   b. RS.20,000 for attending International conferences for presentation of paper/s / publication of papers in recognized foreign journals as per the list of recognized foreign journals approved by the Chairperson(Chancellor) being available with the Librarian of the University.

   c. Reputed Journal Incentive - The institute will give an incentive of RS. 8,000 for publications by faculty members in SCI journals and list of IIM recognized Management journals. (In case of a team, the amount shall be shared equally among team members) and for publications by faculty members in SCI(E) Journal an incentive of RS. 5,000 will be given.

   d. Book Publication Incentive: Award will be given for Publications of text books in relevant engineering discipline on submission of a complimentary copy of book to the library.

      i) RS. 15,000/- if the text book is published by international publishers like McGraw Hill, Prentice Hall, Oxford University Press, IEEE Press, USA, Springer, Germany or other internationally reputed publishers.

      ii) RS. 10,000/- if the text book is published by a national publisher like Tata McGraw Hill, Prentice Hall of India, MacMillan India, Sage.

      iii) RS. 5,000/- if the text book is published by Regional / Local publishers.

3.   Training Grant -

   1.   All applications for training grants shall, before submission to the President (Vice-Chancellor), be examined by a Committee consisting of the following:

   i) Pro-Vice-Chancellor   -   Chairman

   ii) the Dean of Faculty concerned   -   Member

   iii) the Head of the Department concerned   -   Member

   iv) One member of the Academic Council as

   nominated by the President (Vice-Chancellor)   -   Member

   iv) The Registrar   -   Member

Subject to the approval of the above committee, each staff member will be eligible twice in a year for training registration and TA/DA upto:

(a) RS. 10,000 for National Level Training imparted by reputed national institutes/organizations including industries and/or corporate management houses.

(b) RS. 20,000 for International Level Training imparted by reputed international institutes/Universities/organizations including industries and/or corporate management houses.

4.   Faculty Exchange Programme -

1. All applications for Faculty exchange programmes shall, before submission to the Vice-Chancellor, be examined by a Committee consisting of the following:
   i.   the Pro-Vice-Chancellor   - Chairman
   ii.   the Dean of Faculty concerned   - Member
   iii. the Head of the Department concerned   - Member
   iv. one member of the Academic Council   - Member
         as nominated by the President (Vice-Chancellor)
   v.   the Registrar   - Secretary

2. Subject to approval of the above committee, each staff member will be eligible once in 5 years for Faculty exchange programmes on a reciprocal basis with a National University/Institute of repute or Foreign University/Institute and he/she may be paid upto:

v)   RS. 60,000 for airfare for foreign tour/RS. 20,000 for domestic tour.

    vi)RS. 30,000 for incidentals/accommodation in foreign country/RS. 10,000 for tour within India.

5.   Faculty Development Programmes - Faculty taking courses from the SWAYAM portal, upon taking courses approved by the Department HOD, the course fees will be reimbursed by the institute.