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# RKDF UNIVERSITY

(ESTABLISHED UNDER GOVT. OF M.P. AND REGISTERED UNDER UGC 2(F) 1956)

No. 540 /RKDF/2018

Dated : 22/08/2018

To,  
All Members,  
Board of Management  
RKDF University  
Bhopal

**Subject:- Proceeding of Board of Management Meeting held on 7<sup>th</sup> August 2018**

After the approval of Chairman the Proceeding of Board of Management held on 7<sup>th</sup> August 2018 is enclosed herewith. You are kindly requested to give your comments within 7 days if any.

  
Registrar  
RKDF University

- |  |   |                 |
|--|---|-----------------|
| (1) Vice Chancellor<br>RKDF University                           | - | Chairman        |
| (2) Dr. (Brig.) Amarjeet Singh<br>(Govt. Nominee)                | - | Member          |
| (3) Smt. Anu Magan<br>(Govt. Nominee)                            | - | Member          |
| (4) Mr. Juned Ali<br>(Society Nominee)                           | - | Member          |
| (5) Mr. Ratnesh Jain<br>(Society Nominee)                        | - | Member          |
| (6) Dr. Sunil Patil<br>(Examination Controller, RKDF University) | - | Special Invitee |
| (7) Dr. C. M. Sadiwala<br>(Senior Professor of RKDF University)  | - | Member          |
| (8) Dr. M. L. Kori<br>(Senior Professor of RKDF University)      | - | Member          |
| (9) Mr. Suhel Ahmed<br>(Senior Teacher of RKDF University)       | - | Member          |
| (10) Mr. Virendra Patel<br>(Senior Teacher of RKDF University)   | - | Member          |

Airport, Bypass Road, Gandhi Nagar Campus, Bhopal M.P.  
E-mail : info@rkdf.ac.in, website : www.rkdf.ac.in

## Proceeding of 19<sup>th</sup> Board of Management Meeting

The 19<sup>th</sup> Board of Management meeting of RKDF University Bhopal was held on 7<sup>th</sup> August 2018, under the Chairmanship of Dr. V. K. Sethi, Vice Chancellor of University. The following members of Academic Council attended the Board of Management Meeting.

- (1) Dr. B. N. Singh
- (2) Dr. Sunil Patil
- (3) Mr. Ratnesh Jain
- (4) Dr. C. M. Sadiwala
- (5) Dr. M. L. Kori
- (6) Mr. Suhel Ahmed
- (7) Mr. Virendra Patel

The Vice Chancellor welcomed all the members of Board of Management and Agenda wise discussions were held. The agenda wise decision taken are as under:-

### Agenda No. 1:- Approval of Proceeding of 18<sup>th</sup> meeting of Board of Management

The Proceeding of 18<sup>th</sup> Board of Management meeting which was held on 05-03-2018 was approved

### Agenda No. 2 Action Taken Report on Major decision taken in the 18<sup>th</sup> Meeting of Board of Management

The members of Board of Management were satisfied on the action taken report on major decisions taken in the 18<sup>th</sup> Meeting of Board of Management

### Agenda 3: Proposal for start of course

The members approved the following:

S. No.	Name of Institute & department	Name of Course	Approved Intake
1	<i>Library and information Science</i>	B.Lib & I.Sc	40
		M.Lib & I.Sc	40
2	<i>Faculty of Law RKDFU</i>	L L M	60

### Agenda 4: Proposal for creation of faculty post for proposed courses

The members approved the following:



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S. No.	Name of Institute & department	Faculty Post approved		
		Professor	Associate Professor	Asst. Professor
1	Department of Library Science	0	2	4
2	Faculty of Law RKDFU	0	2	7

### Agenda No. 5: Proposal for Approval of Creation of non-teaching post


Considering the approval of courses and its intake and increased intake, the approval of non-teaching post as per norms of UGC is approved, the details are as under:

S. No.	Non-Teaching post	Positions sanctioned
1	Administrative Officer	1
2	Section officer	1
3	Assistant/Steno	2
4	Librarian	1
5	Assistant Librarian	1
6	Accountant	0
7	Technical Assistant	1
8	Lab Assistant	1
9	Attender	2
10	Gardner/Driver/etc	2

Member approved that non faculty post for above courses as per requirement, Vice Chancellor on the recommendation of Dean of faculty/ HOD of courses should approve it.

### Agenda No. 6 Process in Academic, Research and other activity of University

#### (A) National Core Group

  
 Vice Chancellor  
 RKDF University  
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The Board of Management members appreciated the suggestion given by National Core Group meeting held on 8<sup>th</sup> July 2018 under the Chairmanship of Prof. Panjab Singh. The members suggested to implement following decisions of National Core Group, which was held on 8<sup>th</sup> July 2018

- (1) Introduction of Best student award(Academic sport and Extracurricular Activity) in each stream
  - (2) Introduction of Best Teachers Award
  - (3) Apply for NAAC Accreditation and NIRF
  - (4) Appreciated the Social Responsibility work of University & this should be further accelerated under UBA
  - (5) Representative of UN Global Compact Network India & Trifac (GOI) has shown its willingness for working with RKDF University, Bhopal. Further follow-up is required shall be taken by the officials of University
  - (6) RKDF University, Bhopal should conduct survey regarding working of Private Agriculture Institutes of M.P.
  - (7) Member suggested for self-generated Finance to run the University, the Vice Chancellor, should make MOU, with MNCs and members promised for guidance in making MOU with MNC
- (B) Social Responsibility work by students and faculty of University**  
Members appreciated the social responsibility work done by students & faculty of University. It has created positive impact in villages towards University. The Vice Chancellor has informed that under Unnat Bharat Abhiyan, the University has adopted 5 Villages also for Social work
- (C) Infrastructure & other Development**  
It was informed in the meeting that at Sehore Agriculture Research Farm, in 155 Acres, Bamboo plantation with Technical assistance of Forest Dept. 55000 Bamboo were planted. Similarly at Agriculture Incubation Field (30 Acres) different crops & vegetables were grown for practical work of Agriculture students. Members appreciated the same
- (D) International Visit & Recognition**  
Members congratulated Dr. V. K. Sethi, Vice Chancellor for delivering Key note address in International Conference on Energy from 14-16 August 2018, at University of Edinburgh, U.K.
- (E) Start-ups & Skill Development**  
Members were happy to note that University, with Apollo Medskill is providing two month "on the Job" training of two month to 260 students w.e.f. 18 June 2018. The University is also providing Hostel, Transport & Mess Facility to students
- (F) Research Activity**

  
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The members were happy to note that in the year 2017-18, 3 Patent were filed by the University which details are as under:

S. NO.	PATENT DETAILS	PATENT NUMBER
1.	<b>Dental Conduction Hearing Appliance</b>	<b>201721025211</b> dated 16-07-2017
2.	<b>An Apparatus and method based on use of Linear Interpolation for automated Drip Irrigation system in Agriculture using Wireless Sensor Network</b>	<b>201721024152</b> dated 10-07-2017
3.	<b>An Improved Ubiquitous System and Method for automated Drip Irrigation in Agriculture using Wireless Sensor Network</b>	<b>201721038904</b> dated 01-11-2017

**(G) Research Scholars**

Following students of Ph.D., were awarded, after the approval of Chairman of Board of Management

S. No.	Name	Subject	Registration number and Date	Ph.D. Title	Name of Supervisor/ Co-supervisor	Date of Viva Voce exam	Date of notification
1	Mr. Krishan Kumar Nigam	Mathematics	RKDF/Ph.D/Basic.Sci./2013-I 11.07.2013	Study of spline functions in certain area	Dr. Yadvendra Prasad Dubey/ Dr. Brajendra Tiwari	31.05.2016	01.06.2016
2	Mr. Susmit Kosta	Biotechnology	RKDF/Ph.D/Life.Sci./2014-I 28.01.2014	Role of Insulin Sensitizers and $\beta$ -Islet Cell for Management of	Dr. C. B. S. Dangi	24.08.2016	29.08.2016

  
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				Type-2 Diabetes			
3	Mr. Manoj Kumar Nigam	Electrical Engineering	RKDF/Ph.D/E &T/EE/2013-01 27.11.2013	Distributed Generation and its Impacts on Modern Power System	Dr. V. K. Sethi	25.04.2017	25.04.2017
4	Ms. Prapti Yadav	Pharmaceutical Sciences	RKDF/Ph.D/E &T/Pharm.Sci/2015-05 24.01.2015	Formulation and evaluation of nanocarriers drug delivery system for hyperpigmentation	Dr. Narendra Kumar Lariya	17.06.2017	22.06.2017
5	Mr. Chattar Singh Yadav	Pharmaceutical Sciences	RKDF/Ph.D/E &T/Pharm.Sci/2015-04 24.01.2015	Development of rapid disintegrating modified release carbamazepine tablet using novel particle coating technology	Dr. Narendra Kumar Lariya	17.06.2017	22.06.2017
6	Mr. Ritesh Chandramohan Sadiwala	Electronics and Communication Engineering	RKDF/Ph.D/E &T/EC/2013-1 27.11.2013	Performance Analysis and Improvement Measures for Key Performance Indicators of Next Generation Wireless Networks	Dr. Minal Saxena/ Dr. V. K. Sethi	26.08.2017	28.08.2017
7	Mr. Rohit Paliwal	Physics	RKDF/Ph.D/Sci/Physics/2014-1, 28.01.2014	Synthesis & Characterization of Bismuth Telluride (Bi <sub>2</sub> Te <sub>3</sub> ) Thin Films for Thermoelectric Cooler	Dr. A. C. Nayak	01.12.2017	01.12.2017
8	Mr. Jyotiram Arjun Sawale	Pharmaceutical Sciences	RKDF/Ph.D/E &T/Pharm.Sci/2015-03, 24.01.2015	Phytochemical and Pharmacological Evaluation of Some Herbs with Special	Dr. Jay Ram Patel / Dr. M. L. Kori	27.01.2018	29.01.2018

  
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				Emphasis on its Anti-Asthmatic Potential			
9	Mr. Ajay Mendes	Management	RKDF/Ph.D/Management/2013-01, 11.07.2013	A STUDY OF NON-PERFORMING ASSETS IN PUBLIC BANKING SECTORS (A Special Reference to SBI in Pune District)	Dr. Girbal Singh Lodhi	10.03.2018	12.03.2018
10	Mr. Jitendra Narayan	Biotechnology	RKDF/Ph.D/Soci./Biotech./2015-03, 24.01.2015	Diagnostic studies on malnutrition using micronutrient biomarkers in school age children of Bhopal	Dr. C. B. S. Dangi	18.7.2018	20.07.2018
11	Mr. Sunil Patil	Computer Science and Engineering	RKDF/Ph.D/E&T/CSE/2014-05, 15.01.2014	An Explanatory Analysis of Modeling and Management of Internet Traffic Sharing in Heterogeneous Computer Networks	Dr. Sharad Gangele	05.8.2018	06.8.2018

The Proposal for award of Ph.D. degree of above Ph.D. scholars for exfacto approval was approved in the meeting

**(H) New Research areas explored by the University**

Members noted the progress

**(I) Sponsored Research Projects**

Members noted the progress of sponsored Research Projects. It was decided that under MORDROB, Dr. M. K. Kori, (Director Research Service of University) shall be overall I/C Dr. Kori shall identify the number of Institute eligible under MORDROB Scheme shall coordinate with principal of Institute and shall prepare the application as per guideline in advance, so that when proposal is invited, we can apply in time

**(J) E-Resource Development :Link to all 7 headings provided on web-site**

Members noted that contents

  
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**(K) Student Innovation**

Members appreciated the progress made by the University, under students Innovation

**(L) Major Students Award -2017-18**

Members congratulated all the students for winning Rs. 10 Lakh on August 2018 at New Delhi. This money shall be utilized for further research by the students in developing innovative models. Members suggested to issue appreciation letter to students who were team member.

**(M) Green Initiatives taken by University**

Members noted the progress under green initiatives

**(N) Waste Management**

Members noted that progress under waste Management. It was informed that one building of University "Water Harvesting System" has been established. It was also decided in meeting that STP & ETP, should be given to Civil Dept. of VIT for day to day maintenance

**(O) Green Campus**

Members noted the progress


**Agenda No. 7 Establishment of Center of Excellence at RKDF University**

The members after thorough discussion and reviewing the potential of concerned faculties/departments approved the establishment of following Center of Excellence with the functions as mentioned below:

- (a) Center of Excellence (CoE) in Mechanical Engineering
- (b) Center of Excellence (CoE) in Electrical Engineering
- (c) Center of Excellence (CoE) in Civil Engineering
- (d) Center of Excellence (CoE) in Agriculture
- (e) Center of Excellence (CoE) in Computer Science & Engineering
- (f) Center of Excellence (CoE) in Management
- (g) Center of Excellence (CoE) in Pharmacy
- (h) Center of Excellence (CoE) in Science

The core functions of CoE will be to focus on areas like:

- (1) To conduct high Quality Training in specific sectors with special focus on emerging technologies.
- (2) To develop association between academia and industry for the benefit of the skill development sector.

  
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- (3) To conduct Research and Development in related fields and disseminate the results of the R&D and other activities through filling of patents and transforming them into sustainable business proposals/ solutions.
- (4) To upgrade the Centre's technical capacity, information architecture.
- (5) To support creative and innovative proposals in terms of functions and facilities.
- (6) To establish a sound new institutional base for executing the programs/projects by strengthening the existing infrastructure.
- (7) To foster relations across countries, between governments, workers, chambers of commerce, academia, industry and other Industrial associations in establishing collaborations of various projects of Institute/Organizations.
- (8) To create network of nearby institutes for capacity building and mentoring support.
- (9) To preferably establish an Entrepreneurship cell.

#### **Agenda No. 8 Approval for award of degree/diploma/certificate**

As per the approval of competent authority, granted in pursuance of Ordinance No- 5 part – I read with Ordinance II and consequent constitution of policy for consideration of recommendations of result committee and after due approval of Controller of examinations, the award may be approved by Board of Management. The institute wise/course wise list of students eligible for award of degree/diploma/certificate is enclosed for approval.


#### **Agenda No. 9 Capacity building and skill enhancement activities**

The members noted and congratulated all stakeholders.

#### **Agenda No. 10 Proposal for joint Degree programme**

The Members after the discussion approved the proposal of Academic Council for starting Joint Degree programme on following terms & conditions

- (1) Joint Degree Programme shall be with foreign University/ Foreign Institute, who has signed MOU with RKDF University, Bhopal
- (2) The students opting for Joint Degree programme, should bear the Expenses of their stay in foreign University including insurance expenses also
- (3) The degree shall be awarded by RKDF University Bhopal

  
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- (4) The Curriculum of the particular course of both the University should be identical
- (5) The duration of study of students of RKDF University in foreign University shall not exceed more than Half of duration of that course

**Agenda No. 11: Approval of courses for Savitribai Phule Scholarship for Economically Marginalized Students**

The members ratified the decision.

**Agenda No. 12: Approval of Savitribai Phule Scholarship for Economically Marginalized Students for academic session 2017-18 (ex-facto) and 2018-19**

The fees waiver for academic session 2017-18 (ex-facto) and 2018-19 were approved by the members.

**Agenda No. 13. Approval of grants as seed money for projects and attending conferences/ seminars/ symposia/ workshop members of professional body by Research Ethics and Advisory Committee**

The members noted the decision.

**Agenda No. 14 Performance appraisal policy**

The members approved the performance approval policy.

**Agenda No. 15 IT policy and guidelines (Revision)**

The revision in IT policy and guidelines are approved.

**Agenda No. 16: Ex-facto approval of part time/contractual faculties in various faculties**

The members noted and approved.

**Agenda No. 17: The annual report of University (2017-18)**

The members of Board of Management after due deliberations recommended that the annual report of University be placed before the Governing Body for approval.

  
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**Agenda No. 18: Ex-facto approval of fees waiver as per University fees waiver policy for academic session 2017-18**

The members ratified the decision.

**Agenda No. 19: Ex-facto approval of tuition fees waiver as per University fee waiver policy for meritorious students for academic session 2017-18**

The members ratified the decision.

**Agenda No. 20: Any other point with the permission of Chair**

Examination Controller has presented the Merit list of different courses for the year 2014-15, 2015-16 and 2016-17. After the discussion the Merit list was approved. Members suggested that 1<sup>st</sup> Convocation of University should be organized as soon as possible

Dr. B. N. Singh, Registrar, thanked the members for attending the Board of Management Meeting



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**Dr. B.N. Singh**  
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# RKDF UNIVERSITY

(ESTABLISHED UNDER GOVT. OF M.P. AND REGISTERED UNDER UGC 2(F) 1956)

No. 470 /RKDF/2018

Dated : 06 / 08 / 2018

## Notice

With reference to this office letter No. 448/RKDF/2018 dated 28-07-2018, the agenda notes for Board of Management meeting fixed on 07-08-2018 at University Board Room from 11.00AM is enclosed. You are again kindly requested to attend the meeting.

  
Registrar  
RKDF University

- |   |   |          |
|---|---|----------|
| ✓ (1) Vice Chancellor<br>RKDF University                          | - | Chairman |
| (2) Dr. (Brig.) Amarjeet Singh<br>(Govt. Nominee)                 | - | Member   |
| (3) Smt. Anu Magan<br>(Govt. Nominee)                             | - | Member   |
| (4) Mr. Juned Ali<br>(Society Nominee)                            | - | Member   |
| ✓ (5) Mr. Ratnesh Jain<br>(Society Nominee)                       | - | Member   |
| ✓ (6) Dr. C. M. Sadiwala<br>(Senior Professor of RKDF University) | - | Member   |
| ✓ (7) Dr. M. L. Kori<br>(Senior Professor of RKDF University)     | - | Member   |
| ✓ (8) Mr. Suhel Ahmed<br>(Senior Teacher of RKDF University)      | - | Member   |
| ✓ (9) Mr. Virendra Patel<br>(Senior Teacher of RKDF University)   | - | Member   |

Special Invitee

✓ Dr. B.N. Singh  
✓ Dr. Sunil Patel



# RKDF UNIVERSITY

(ESTABLISHED UNDER GOVT. OF M.P. AND REGISTERED UNDER UGC 2(F) 1956)

No. 448 /RKDF/2018

Dated : 28 /07/2018

## Notice

The 19<sup>th</sup> Board of Management Meeting has been fixed on 07-08-2018 at 11.00AM at University Board Room. The agenda notes is being send separately. You are kindly requested to attend the meeting.

Registrar

Registrar  
RKDF University

- |   |   |          |
|---|---|----------|
| (1) Vice Chancellor<br>RKDF University                          | - | Chairman |
| (2) Dr. (Brig.) Amarjeet Singh<br>(Govt. Nominee)               | - | Member   |
| (3) Smt. Anu Magan<br>(Govt. Nominee)                           | - | Member   |
| (4) Mr. Juned Ali<br>(Society Nominee)                          | - | Member   |
| (5) Mr. Ratnesh Jain<br>(Society Nominee)                       | - | Member   |
| (6) Dr. C. M. Sadiwala<br>(Senior Professor of RKDF University) | - | Member   |
| (7) Dr. M. L. Kori<br>(Senior Professor of RKDF University)     | - | Member   |
| (8) Mr. Suhel Ahmed<br>(Senior Teacher of RKDF University)      | - | Member   |
| (9) Mr. Virendra Patel<br>(Senior Teacher of RKDF University)   | - | Member   |

**Agenda No. 1:- Approval of proceeding of 18<sup>th</sup> meeting of Board of Management.**

The Proceeding of 18<sup>th</sup> Board of Management meeting which was held on 05-03-2018 was send to all members, vide University office No. 9811/RKDF/2018 dated 12-03-2018. No Comments on Proceeding was received by this office. Hence it is proposed to approve the proceeding of 18<sup>th</sup> Board of Management meeting.

**Agenda No.2 :- Action taken report on major decision taken in the 18<sup>th</sup> Meeting of Board of Management :-**

Major Decision Taken	Action Taken Report
<b>Approval of Income &amp; Expenditure for the year 2018-19</b>	After approval send to concern Authorities
<b>Approval of Balance Sheet of RKDF University as on 31<sup>st</sup> March 2018</b>	After approval send to concern Authorities

**Agenda 3: Proposal for start of course**

After the establishment of University and approval of ordinance of courses, it is proposed for starting following courses from the academic year 2018-19 and also proposal for approval of faculty post for proposed courses. The details proposal is as under:

S. No.	Name of Institute & department	Name of Course	Proposed Intake
1	<i>Library and information Science</i>	B.Lib & I.Sc	40
		M.Lib & I.Sc	40
2	<i>Faculty of Law RKDFU</i>	L L M	60

**Agenda 4: Proposal for creation of faculty post for proposed courses**

The proposal for creation of faculty post is as per under:

S. No.	Name of Institute & department	Proposed Faculty Post		
		Professor	Associate Professor	Asst. Professor
1	Department of Library Science	0	2	4
2	Faculty of Law RKDFU	0	2	7

**Agenda No. 5: Proposal for Approval of Creation of non-teaching post**

Considering the approval of courses and its intake and increased intake, the approval of non-teaching post as per norms of UGC is proposed, the details are as under:

S. No.	Non-Teaching post	Positions proposed
1	Administrative Officer	1
2	Section officer	1
3	Assistant/Steno	2
4	Librarian	1
5	Assistant Librarian	1
6	Accountant	0
7	Technical Assistant	1
8	Lab Assistant	1
9	Attender	2
10	Gardner/Driver/etc	2

Submitted for approval.

**Agenda No.6 Progress in Academic, Research and other Activity of University**

**(a) National Core Group Meeting**

The National Core Group of RKDF University Bhopal Meeting under the chairmanship of Prof. Panjab Singh was held on 08<sup>th</sup> July 2018m at New Delhi following educationist attend the meeting,

S. No.	Name	Designation
1	Prof. Panjab Singh ,	Chairman of National Core Group
2	Padamshri Prof. Pritam Singh,	Ex. Director IIM
3	Padambhushan Prof. R. B. Singh	(Chancellor, Central Agriculture University Imphal)
4	Prof. Deepak Pental ,	Ex. V. C. Delhi University
5	Prof. Kamal Singh,	Executive Director, Global Compact Network India
6	Dr. Gautam Goswami,	Director TRIFAC
7	Dr. Arvind Kumar,	Vice Chancellor, Central Agriculture University Jhansi (U.P.)
8	Prof. R. P. Singh ,	Secretary General, IAUA
9	Prof. M. K. Salooja,	Director School of Agriculture, IGNOU New Delhi
10	Prof. B. D. Singh	Dean Academic Jaipuriya Institute of Management
11	Dr. A.K. Singh	Secretary NAAS

**Following Suggestion were approval for action by the University**

- (1) Introduction of Best student award(Academic sport and Extracurricular Activity) in each stream
- (2) Introduction of Best Teachers Award
- (3) Apply for NAAC Accreditation and NIRF
- (4) Appreciated the Social Responsibility work of University
- (5) Representative of UN Global Compact Network India & Trifac (GOI) has shown its willingness for working with RKDF University, Bhopal
- (6) RKDF University, Bhopal should conduct survey regarding working of Private Agriculture Institute of M.P.
- (7) Member suggested for Finance to run the University, the Vice Chancellor, should make MOU, with MNC & Promised for guidance in making MOU.

**(b) Social Responsibility work by students and faculty of University**

**(1) Organization Legal Aid Camp by Faculty of Law with students**

Date	9 <sup>th</sup> & 10 March 2018
Place	Slum Area, Ayodhya Nagar & Aredi Village
No. of Family Benefitted	2128
No. of Students & Faculty Participated in Camp	162

Legal Aid on Following topics :-



- Domestic Violence (B) Dowry related dispute (C) Land Dispute (D) RTI Act (E) Rights & Duties of citizen (F) Civil Related cases
- Besides above, students also visits the Jail, for minimum of 3 days in each year  
Some glimpses are as under:



(2) Organization of Medical Camp in Villages by Paramedical, Nursing & Homoeopathy faculty & Students

- No. of Campus organized from Nov. 2017 to June 2018:- 78
- No. of Beneficiary benefited 14620

**Process of organizing medical camp**

- (1) Contacting Sarpanch and Villagers and fixing date of Medical Camp.
- (2) Pamphlet distribution in Village.
- (3) Normally villagers arrange for camp location & Lunch etc.
- (4) Blood Test, Diagnosis of disease & free distribution of Medicine
- (5) Care of Child and Pregnant Woman & family planning by Nursing Students & Faculty

**Result:-**

- Sarpanch request for frequent camps
- Many of villagers come to University Hospital for further treatment
- In Many camps NGO, Police, Income Tax Dept. also participated





**(c) INFRASTRUCTURE and Other DEVELOPMENT:**

- About 90 Acres Agricultural Research & Education Farm at Sehore is being developed with all facilities i.e. Agriculture Equipment, electric and solar pumps, fencing and manpower.
- International Boys Hostel of capacity of 117 rooms with all required facilities had been constructed during the period also. For girls 95 rooms have been renovated. Two boy's hostels of total 152 rooms have also been up-graded.
- Technology Incubation Center has been established in the back Bhabha building as under for Skill development & Innovation activities of students. :

S. No.	FACILITY	AREA
1	Office Space for incubates of Industries & companies	15000 Sq. ft.
2	Admin Office	2000 Sq. ft.
3	Agricultural Incubation field	3.0 cres

**(d) International Visits & Recognition:**

- RKDF University Student Ms. Harshganda Bhatnagar selected to carry out Research & Training in Oncology free of cost by Oxford University... Feb 2018 to June 2019
- Dr. V K Sethi, VC of the University has been invited twice this year by the Oxford University to give Key Note Address in the International Conferences on Energy on 14-16 August 2018 (Edinburgh) & 14-15 March 2018 (London)

- Faculty of Management Mrs. Farha Khan and Dr. G. S. Lodhi shall be participating in International Seminar organized by Management Dept. of Oxford University on 12<sup>th</sup> and 13<sup>th</sup> July 2018

(e) **Start-ups & Skill development:**

- RKDF University is providing training to 260 students in Paramedical under MOU between Apollo MedSkills & RKDF University for **“On the Job”** Training with effect from 18 June 2018
- RKDF University has been awarded for Start-ups through Technology Incubation center established as discussed above and also registered to submit projects under Atal Incubation Initiative

(f) **Research Activity of University**

- Research Publications in International Journals Jan 2017 to June 18 ... 118 nos. and in National Journal -81
- Number of Books published by Faculty...07
- No. of Patent Files in 2017-18

S. NO.	PATENT DETAILS	PATENT NUMBER
1.	Dental Conduction Hearing Appliance	201721025211 dated 16-07- 2017
2.	An Apparatus and method based on use of Linear Interpolation for automated Drip Irrigation system in Agriculture using Wireless Sensor Network	201721024152 dated 10-07-2017
3.	An Improved Ubiquitous System and Method for automated Drip Irrigation in Agriculture using Wireless Sensor Network	201721038904 dated 01-11-2017

(g) **RESEARCH SCHOLARS:**

- Admitted during 2017-18...48 nos. (Total 198 Nos.)
- Awarded during 2017-18...06 nos. (Total 09 nos.)
- Entrance Exam for M. Phi/Ph.D. scholar has been held 14-07-2018

(h) **New Research Areas explored by the University**

- Biotechnology : Thalassemia, Sickle Cell Anemia , Oncology
- Energy & Environment... Concentrated Solar Plant & Carbon Capture & sequestration (CCS)...World's first Monograph with Dr. Sethi as author is under print on CCS by INTECH Open Source

(i) **Sponsored Research Projects:**

**Promotion of Research**

- Project Proposals submitted to:
  - DST-FIST, DBT, ICMR, MNRE, DRDO, MOEF
  - State Govt. bodies (MPCST, MAPCET, EPCO)
- Seminar Proposals Submitted to MPCST & EPCO
- New Research Areas explored by the University:
  - Biotechnology : Thalassemia, Sickle Cell Anemia , Oncology
  - Energy & Environment... Concentrated Solar Plant & Carbon Capture & sequestration (CCS)...World's first Monograph on CCS (Dr. V K Sethi as author) is under print by INTECH Open Source

**Sanctioned in 2017-18**

<b>PROJECT TITLE</b>	<b>Sanctioned Cost (Rs. in Lacs)</b>	<b>Sponsoring organization</b>	<b>Principal Investigator</b>
High Energy Density Thermal Energy Storage for Concentrated Solar Plant	41.00	MNRE	Dr. V K Sethi
Medicinal Plant –A remedy for Sickle Cell Disease	4.88	MPCST	Dr. C B S Dangi
Evaluating the role of genetic Modifier Genes in Beta Thalassemia Patient	16.05	MPBT	Dr. C B S Dangi
Senior Research Fellowship to four Ph.D. Scholar of Pharmacy Dept. (Rs. 23 Lakh to each students)	115.00	UGC(RGNF), DST(WOS-A) Women Scientist Scheme –A	Faculty of Pharmacy Department
<b>TOTAL</b>	<b>170.73</b>		

Projects- Sanctioned & under process of Sanction (2018-19)

PROJECT TITLE	Cost of Project (Rs. Lakh)	Sponsoring Organization	Principal Investigator	Collaborator
<ul style="list-style-type: none"> <li>System Design, Erection, Testing &amp; Commissioning of 40 kW<sub>th</sub> and 10 kW<sub>e</sub> pilot plant aiming at the Feasibility Study of MW<sub>e</sub> Scale Concentrated Solar Thermal Plant integrated with 24 x 7 Thermal Energy Storage.</li> </ul>	82.70	MNRE	Dr. V K SETHI	RPI USA, BHEL Bhopal <b>Sanctioned</b>
<ul style="list-style-type: none"> <li>Post Combustion Carbon Capture &amp; sequestration (CCS) Plant on a Coal Fired Thermal Power Plant – Feasibility Study</li> </ul>	80	CPRI	Dr. V K SETHI	RGPV, BERGEN Group & BHEL Bhopal <b>Both ‘Referees’ cleared the Project for 80 Lacs</b>
<ul style="list-style-type: none"> <li>Post Combustion Carbon Capture &amp; sequestration (CCS) Plant on a Coal Fired Thermal Power Plant</li> </ul>	1300*	MOEF (Green Climate Fund)	Dr. V K SETHI	BERGEN Technology Incubation Center under establishment

Project Submitted & Accepted for Review

PROJECT TITLE	Cost of Project	Sponsoring Organization	Principal Investigator	Collaborator	Status
• <b>Modernization of Pharmacognosy Lab</b>	Rs. 30 Lakhs	AICTE (MODROBS)	Dr. M. L. Kori	-	<b>Project submitted in Jan 2017, under review</b>
• <b>Development and Characterization of Targeted Drug Delivery System for the management Breast Cancer</b>	Rs. 33.24 Lakhs	AICTE (RPS)	Dr. M. L. Kori	-	<b>Project submitted in Jan 2017, under review</b>
• <b>Development and characterization of novel drug delivery system of some antitubercular drugs for treatment of pulmonary tuberculosis</b>	Rs. 27.56 Lakhs	AICTE (RPS)	Dr. M. L. Kori	-	<b>Project submitted in Jan 2017, under review</b>
• <b>Alveolar macrophages mediated targeting of therapeutic carriers encapsulating anti tubercular drugs</b>	Rs. 37.00 Lakhs	AICTE (RPS)	Dr. Narendra K. Lariya	-	<b>Project submitted in Jan 2017, under review</b>
• <b>Advancement in Novel Drug Delivery Systems for Phytotherapeutics</b>	Rs. 7.00 Lakhs	AICTE (FDP)	Dr. Rakesh Sagar	-	<b>Proposal submitted in Jan 2017, under review</b>
• <b>Recent Developments</b>	Rs. 3.00	AICTE	Ms.	-	<b>Proposal</b>

<b>in Pharmaceutical Research</b>	Lakhs	(Seminar and workshop)	Anamika Saxena	<b>submitted in Jan 2017, under review</b>
• <b>SGLT-2 transported targeted chitosan carrier drug delivery of phlorizin: An advent approach for management of diabetes mellitus</b>	Rs. 38.00 Lakhs	DST	Dr. Anand Chourasia	<b>Project submitted in Aug 2017, under review</b>
<b>Total</b>	<b>175.80</b>			

**New Research Projects by Bio-Tech Department – Under approval**

S.No.	Topic of Project	Cost	Name of The financial agency	Status Presentation/Sanctioned
1	Thalassaemia & sickle cell anemia: Diagnostics, Intervention, Research and Prevention	90,50,000/-	Department of Health Research	In Review
2	Study of Health Status and Pre-reproductive Mortality Among Sickle Cell Subjects in Korku and Bharia Tribes of Pachmarhi Hills and Adjoining Areas in Central India	60,50,000/-	Department of Health Research	In Review
3	Cytogenetic Anomalies in Poor Scholastic children	48,22,000/-	Department of Science & Technology	Submitted

(j) **E-Resource Development: Link to all 7 headings provided on web-site**



1. DELNET... Students are accessing
2. National Digital Library... Being uploaded
3. Open Access Books ... Students can access
4. Academic Databases... Link given to all students for their respective discipline
5. Open Source Software... Students given access
6. NPTEL E-Lectures ... Available on website
7. RKDF University E-Lectures by the Faculty of RKDF University ( 4 videos & 50 lectures uploaded on RKDF University website).

(k) **Student innovation:**

**Objective: The overall objective of this practice being followed at RKDF University is to develop skill and knowledge of students and engineering and agriculture disciplines. They have designed and developed various devices as listed below which are placed in the “Activity Rooms of University & Departments”.**

S. NO.	DISCIPLINES	DEVICES & MODELS
1	Mechanical Engineering	Electric Vehicles, Solar cars, Robotics & Solar devices
2	Electrical Engineering	Smart grid and lighting , Smart grid Power systems
3	Civil engineering	Water and waste water treatment Rain water harvesting, Toilets (Innovative)
4	Agriculture Engineering	Solar Operated agriculture machines, harvesting tools
5	Computer science and electronics	Hearing Aid and conduction devices.

The students not only participate in the sponsored projects but also construct, build and commission them as a team. This uniqueness has got appreciation from MNRE, Government of India. The success of this practices of involving of students in live projects and inculcating culture of innovation and research is evident from the awards they have received and the projects deliverables like attaining high temperature ( $> 1400^{\circ}c$ ) and the in principals sanction of the extension project of national importance on Solar Thermal by MNRE, GOI. New Delhi.

**The target set, Bench Mark & review of results is as per following table I**

S. NO.	PROJECTS / INNOVATIVE MODELS GROUP	TARGETS / MARK	BENCH	REVIEW OF RESULTS
1	Hearing Aid Device for Deaf (Fig. : 3-4)	Tried on 50 deaf children		Patent No. Application No. 201721025211 Temp Application No. – 25632/2017-MUM
2	High Energy Density Solar Thermal Project (1kW) by MNRE (Fig. 5-6)	<ul style="list-style-type: none"> <li>• Temperature in excess of 1000°C</li> <li>• Steam Generation</li> <li>• Thermal Storage</li> </ul>		Achieved > 1400°C Continuous Innovative salt takes 5 Days to cool down
3.	Various Agriculture Robots (Fig. – 9, 10, 11)	<ul style="list-style-type: none"> <li>• Agriculture robot for plant shifting</li> <li>• Multi-purpose Agri Robot</li> </ul>		Running with low power consumption and Solar PV energy.
4	Various Solar Devices	<ul style="list-style-type: none"> <li>• Solar Distillation</li> <li>• Solar tree</li> <li>• Solar Up- Draft tower</li> </ul>		> 15 gm/ Sec Distillation Capable of captured sun Radiation in all direction Wind turbine running

(l) **Major Students Award -2017-18**

(1) Technoxian 2017 (Organized by DST) in April 2017

Awarded 1<sup>st</sup> Prize of Rs. 1 Lakh for “Best Innovative product ward” for “Teeth Conduction device for Deaf”

(2) In 7<sup>th</sup> Vigyan Mela (Organized by MPCST) in Feb. 2018. 1<sup>st</sup> Prize in best Pavilion under Institution Category

(3) India Innovation Growth programme organized by IIT Mumbai from 28<sup>th</sup> June 2018

(4) The Innovative Model of students of RKDF University Bhopal has been awarded Rs. 10 Lakh on 2<sup>nd</sup> August 2018 by DST, GOI for further study

(m) **Green Initiatives taken by University :**

Alternate Energy Initiatives: 100 kW Solar PV Plant- Roof mounted & grid connected for Net Metering:

**a. SOLAR PV - first to start Net Metering on HT in Madhya Pradesh**

- RKDF University installed it's 100 kW Solar PV Roof Top plant in April 2015
- It has generated over 4.5 Lac Units (kWh) in last 3 years
- RKDF University is first to start Net Metering on HT in Madhya Pradesh on 20th March 2018
- Averted over 400 Tons CO<sub>2</sub> in three years, (Equivalent to 8,000 trees and allowed them to grow for 10 years)

**b. SOLAR THERMAL PILOT PROJECTS**

- In addition to above the University has pioneered in setting up of a latest technology of Solar Thermal using innovative halide salt in collaboration with RPI- USA. This completed project was sponsored by MNRE, Govt. of India (July 2015 to June 2017). The next phase of the project of 40 kW size has also got in-principal approval from Govt. of India and the project is being taken-up shortly.

**(n) WASTE MANAGEMENT**

- Solid waste management: Two bin system followed- Green & Blue for food & Recyclable waste respectively
- Liquid waste management: STP (250 KLD+ 100 KLD) & ETP (50 KLD) for Sewage and Effluent treatment respectively are operational as detailed below:
  - 350 KLD sewage treatment plant  
Consisting of 250 KLD sewage treatment plant + 100 KLD sewage treatment plant
- E-Waste Management: Since the University is only 5 Years old, E- Waste is not being produced at present however a research group in electronics and computer science department is working to identify variable and suitable techniques of E- waste disposal, E waste utilization & Recycling.

**(o) GREEN CAMPUS**

The University has developed garden in total area 63,000 Sq. ft. adjacent to 28 Buildings and 10 garden patches at important locations like admin building, Main Gate, Hostels & near Solar energy Park and canteen etc.

Trees in 2016	1640
With Forest Dept., Govt. of M.P. 2017	5000 (Survival Rate 85% Awarded cash Prize of RS. 76000/-)
With Forest Dept., Govt. of M.P. 2018	10000 (August 2018)

#### Agenda No. 7 Establishment of Center of Excellence at RKDF University

Skills and knowledge are the driving forces of economic growth and social development for any country. Countries with higher levels and better standards of skills adjust more effectively to the challenges and opportunities in domestic and international job markets.

Center of Excellence (CoE) is a body that provides leadership, best practices, research, support, training of trainers and skill training for a specific sector/s. The literal meaning of a Center of Excellence is – ‘A place where the highest standards are maintained.’

Centre of Excellence in skilling ecosystem is envisioned to be one stop resource center, established/working in partnership with industry to raise training standards, boost productivity, address emerging skill gaps and align training & research with industry needs.

It is proposed to establish following Center of Excellence with the functions as mentioned below:

- (a) Center of Excellence (CoE) in Mechanical Engineering
- (b) Center of Excellence (CoE) in Electrical Engineering
- (c) Center of Excellence (CoE) in Civil Engineering
- (d) Center of Excellence (CoE) in Agriculture
- (e) Center of Excellence (CoE) in Computer Science & Engineering
- (f) Center of Excellence (CoE) in Management
- (g) Center of Excellence (CoE) in Pharmacy
- (h) Center of Excellence (CoE) in Science

The core functions of CoE will be to focus on areas like:

- (1) To conduct high Quality Training in specific sectors with special focus on emerging technologies.
- (2) To develop association between academia and industry for the benefit of the skill development sector.

- (3) To conduct Research and Development in related fields and disseminate the results of the R&D and other activities through filing of patents and transforming them into sustainable business proposals/ solutions.
- (4) To upgrade the Centre's technical capacity, information architecture.
- (5) To support creative and innovative proposals in terms of functions and facilities.
- (6) To establish a sound new institutional base for executing the programs/projects by strengthening the existing infrastructure.
- (7) To foster relations across countries, between governments, workers, chambers of commerce, academia, industry and other Industrial associations in establishing collaborations of various projects of Institute/Organizations.
- (8) To create network of nearby institutes for capacity building and mentoring support.
- (9) To preferably establish an Entrepreneurship cell.

Submitted for approval.

#### **Agenda No. 8 Approval for award of degree/diploma/certificate**

As per the approval of competent authority, granted in pursuance of Ordinance No- 5 part – I read with Ordinance II and consequent constitution of policy for consideration of recommendations of result committee and after due approval of Controller of examinations, the award may be approved by Board of Management. The institute wise/course wise list of students eligible for award of degree/diploma/certificate is enclosed for approval.

#### **Agenda No. 9 Capacity building and skill enhancement activities**

Various Capacity building and skill enhancement activities conducted are as follows:

<b>S. No.</b>	<b>Program</b>	<b>Duration</b>	<b>Students participated</b>
1	Climate change: mitigation strategies in agriculture and energy sector	19-12-2017 TO 20-12-2017	300
2	Development of leadership qualities	22-11-2017	117
3	Visit manav sangrahalaya for law students	13-11-2017	45
4	Importance of effective communication	17-10-2017	240
5	Android 6.0 application development	20-09-2017 TO 21-09-2017	79

### Agenda No.10 Proposal for Dual Degree Programme

The University had made MOU with many Foreign Universities, some of them are as under:-

- Shawnee State University, USA
- Chifley Business School, Australia
- Dudley College, U. K.
- Harrow College, U. K.
- RPI, USA

In future also, there is proposal under process for MOU with more foreign Universities. To make it functional MOU, the proposal is student Exchange programme. The student Exchange programme should include dual Degree programme also. The proposal of dual Degree programme is as under:-

- (1) Dual Degree Programme shall be with foreign University/ Foreign Institute Who has signed MOU with RKDF University, Bhopal
- (2) The students opting for Dual Degree programme, should bear the Expenses of their stay in foreign University including insurance expenses also
- (3) The degree shall be awarded by RKDF University Bhopal
- (4) The Curriculum of the particular course of both the University should be same
- (5) The duration of study of students of RKDF University in foreign University shall not exceed more than Half of duration of that course

Submitted for discussion & its approval

### **Agenda No. 11: Approval of courses for Savitribai Phule Scholarship for Economically Marginalized Students**

The list of courses along with proposed fees waiver for academic session 2018-19 is submitted for ex-facto approval.

### **Agenda No. 12: Approval of Savitribai Phule Scholarship for Economically Marginalized Students for academic session 2017-18 (ex-facto) and 2018-19**

The fees waiver for academic session 2017-18 (ex-facto) and 2018-19 are submitted for approval.

**Agenda No. 13. Approval of grants as seed money for projects and attending conferences/ seminars/ symposia/ workshop members of professional body by Research Ethics and Advisory Committee**

The sanction of grants by Research Ethics and Advisory Committee as seed money for projects and attending conferences/ seminars/ symposia/ workshop/ members of professional body to faculties is in line with the Research Policy is enclosed.

**Agenda No. 14 Performance appraisal policy**

Improving the quality and equity of teaching, research and extensions depends to a large extent on the motivation and performance of individual faculties. The performance appraisal provides an annual written review of individual performance, in the context of ongoing performance appraisal process. The proposed performance appraisal policy to consider for appraisal of teaching and non-teaching staff is submitted for approval.

**Agenda No. 15 IT policy and guidelines (Revision)**

The revision in IT policy and guidelines towards greater use of ICT for administrative purpose, Biometric attendance, revision in the student module under the University website, use of library management software (LMS) and e-Library resources are proposed to be implemented. Submitted for approval

**Agenda No. 16: The annual report of University (2017-18)**

The annual report of University is enclosed for discussion and its approval.

**Agenda No. 17: Ex-facto approval of part time/contractual faculties in various faculties**

In exercise of Statute 21, section 09, Departmental Selection Committees were constituted with the approval of competent authority, the recommendations of the Departmental Selection Committees were approved by Hon'ble Vice Chancellor, are submitted for ex-facto approval.

**Agenda No. 18: Ex-facto approval of fees waiver as per University fees waiver policy for academic session 2017-18**

The proposal for fees waiver as per University fees waiver policy for academic session 2017-18 is submitted for ex-facto approval.

**Agenda No. 19: Ex-facto approval of tuition fees waiver as per University fee waiver policy for meritorious students for academic session 2017-18**

The proposal for tuition fees waiver as per University fee waiver policy for meritorious students for academic session 2017-18 is submitted for ex-facto approval.

**Agenda No.20: Any other point with the permission of the Chair**