Dr. B. N. Singh
Ph.D. (Austria), FNAVS
Registrar

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RKDF UNIVERSITY

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

No. 2139 /RKDF/ 2015 Dated : 02/03/2015

Subject: Proceeding of Academic Council.

The proceeding of Academic Council which was held on 23/02/2015 under the chairmanship of Dr. V.K. Sethi (Vice Chancellor RKDF University Bhopal) is enclosed herewith after the approval. Kindly give your comments, if any within Seven days from the issue date of proceeding.

Yours Sincerely

Dr. B. N. Singh

Ref.No: 2140 **/RKDF/2015** **Date: 02/03/2015**

Copy To:

1. Vice Chancellor, RKDF University
2. Dr. Naveen Chandra (Vice Chancellor Sri Satya Sai University of Technology & Medical Sciences Sehore, Bhopal M.P.)
3. Dr. Pitam Chandra (EX. Director. CIAE Bhopal)
4. Dr. Sushil Kumar Mittal (MANIT, Bhopal)
5. Dr. Abha Swaroop (Director, Bhoj University Bhopal)
6. Dr. B.N. Singh, Registrar RKDF University
7. Mr. Ratnesh Jain, (Director, RKDF CTR)
8. Dr. M.L. Kori (Director Research, RKDF University)
9. Dr. K. B. L. Shrivastava, (Principal Vedica College of Engineering)
10. Dr. Neelam Singh, (RKDF University)
11. Dr. Rakesh Sagar, (Principal Shri Satya Sai College of Pharmacy)
12. Dr. A.C. Nayak, (Principal Shri Satya Sai College of Engineering)
13. Dr. Mamta Ghatol Siddiqui, RKDF University
14. Representative from M.P. State University Regulatory Commission (Dr. Anil Goel DSW, RGPV Bhopal M.P.)

Special Invitee

Dr. R.P. Singh (Pro.Vice Chancellor Sri Satya Sai University of Technology & Medical Sciences Sehore, Bhopal M.P.)

Dr. B. N. Singh
Registrar
RKDF University

Subject: Proceeding of Academic Council Meeting

The meeting of Academic Council was held on 23/02/2015 under the chairmanship of Vice Chancellor Dr. V.K. Sethi of University. Following members of Academic Council attended the meeting.

1. Dr. Naveen Chandra (Vice Chancellor Sri Sarya Sai University of Technology & Medical Sciences Sehore, Bhopal M.P.)
2. Dr. Sushil Kumar Mittal (MANIT, Bhopal)
3. Dr. B.N. Singh (Registrar) RKDF University
4. Mr. Ratnesh Jain Director RKDF CTR
5. Dr. M.L. Kori (Director Research, RKDF University)
6. Dr. K. B. L. Shrivastava, (Principal Vedica College of Engineering)
7. Dr. Rakesh Sagar (Principal Shri Satya Sai College of Pharmacy)
8. A.C. Nayak (Principal Shri Satya Sai College of Engineering)
9. Representative from M.P. State University Regulatory Commission

Special Invite

Dr. R.P. Singh (Pro. Vice Chancellor Sri Satya Sai University of Technology & Medical Sciences Sehore, Bhopal M.P.)
Dr. Abha Swaroop, Dr. Pitam Chandra, Dr. Mamta Ghatol Siddiqui, and Dr. Neelam ngh already informed that they will not be able to attend the meeting.

1. After the welcome speech and opening remark of Chairman of Academic Council the agenda wise discussions were held and the decisions were taken as under:

Agenda no. 1 Approval of Proceeding of Academic Council meeting held on 1-10-2014

The proceeding of 7h Academic Council Meeting was approved.

Agenda no. 2 Action taken report on the decision taken during 8th Academic council meeting held on 23/02/2015.

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BHOPAL (M.P.)-462033

The members were satisfied with the action taken by the university on the major decisions of academic council which was held on 14-10-2014. Dr. V K Sethi suggested conducting more practicals / exposure tours to B.Sc. AG students.

Agenda No.3: Seminar/ Other Education related activity organized by University since last Academic Council meeting

All members of Academic Council appreciate the efforts of Department of Life w regulation sciences for organized seminars and International conference which was beneficial for students

Agenda No. 4 Uniform Choice based Credit System

RKDF University already follows the credit base grading system in which as ved suggested by UGC, Core and Foundation courses have been running. However for elective the it was decided that Core - Elective course should be of three credits and Elective course will be of a credit grading system until further orders.

Agenda No.5: Submitted for approval draft for Examination Promotion Rules.

Draft for Examination Promotion Rules was approved by the members of academic council

Agenda No.6: Changing the duration & Curriculum of B. Ed & M. Ed Courses a per guidelines of NCTE.

The Academic Council approved the proposal of the University.

Agenda No.7: - Regarding recognizing National Institute of Importance Research Center

The academic council approved the Govt. of India reporting VIZ. DST MNRF as Research Center of RKDF University.

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Bhopal (M.P.)-462033

Agenda No.8: Approval of Ph.D. Guide

Academic Council approved following guide and co - guide for PhD / M.Phil student.

S.No.	Name of Faculty members	Subject	Year Ph.D. Award	No. of Research Published	Experience year
1	Dr. Vivek Raich	Mathematics	2000	28	32
2	Dr. Naveen Chandra	Chemistry	1974	167	40
3	Dr. R.P. Singh	Electronics	1981	125	40
4	Dr. Anil Goel	Maths	1997	80	25
5	Dr Badrilal S Patidar	Geography	1988	10	27
6	Dr.Manoj C Shastri	Education	2003	31	16
7	Dr. Surya Prakash	Commerce	2009	25	5

Agenda No. 9: - Approval of New Regulation of Pharmacy Council of India for M. Pharma Course from the Academic Year 2015-16.

The proposal of PCI for Conducting M. Pharma as per new regulation was approved

Agenda No. 10: - Addition of New Courses in the University

The proposal to include followed courses in the university was approved.

S.No.	Name of Course	Duration
1	M.Tech (Biotechnology)	2 years
2	M.Tech. (Energy Technology)	2 years

Agenda No. 11:- <u>Addition of Minutes of Board of studies</u>

The recommendations of concerned Board of Studies were approved.

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S. No.	Board of Studies	Course	Major agenda	Date of BOS
1	Paramedical Sciences	DIPLOMA: X – RAY/ RADIOGRAPHER TECHNICIAN (DXR)	Outcome based syllabus and examination scheme	16.02.2015
2	Paramedical Sciences	Operation Theater Technician (O.T.)	Outcome based syllabus and examination scheme	16.02.2015
3	Paramedical Sciences	Diploma Pharmacy (AYURVED) (DAP)	Outcome based syllabus and examination scheme	16.02.2015
4	Paramedical Sciences	Diploma Medical Lab Technician (DMLT)	Outcome based syllabus and examination scheme	16.02.2015
5	Paramedical Sciences	Bachelor Medical Lab Technician (BMLT)	Outcome based syllabus and examination scheme	16.02.2015
6	Paramedical Sciences	BACHELOR OF PHYSIOTHERAPY (BPT)	Outcome based syllabus and examination scheme	16.02.2015
7	Education	Bachelor of Education (B.Ed.) [two year duration]	Outcome based syllabus and examination scheme	17.02.2015

Agenda no. 12 Academic Excellence

A. Academic Council Members appreciated the efforts of University Student Mr. Sandeep Datta, Ms. Neelam Sharma, Mr. Aditya Sharma and Mr. Agenda Sourabh Kumar, for their participation KSHITIJ 2015 organized by IT Academic Khargpur they were finalist of the event by Academic Council of IIT Kanpur.

B. Academic Council member appreciated Dr. CBS Dangi. Mohan Tiwari, S. Susmit Kosta & Manpreet Kaur for their research paper entitled "Bhopal could be Hefty Exaggerated to Skin Toxicity: Toxickinetics of Skin 2. E Exposure to Methyl Isocyanate (Mic)" published in International Journal of Bio - Technology and Research USA "was awarded" Best Paper Certificate

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Agenda No. 13:- Examination promotion rules draft

The members approved the draft as proposed.

Agenda No. 14: MOU with Sierra Bio Life Pvt Ltd.

The University has signed a MOU with Sierra Bio Life Pvt. Ltd. aimed at working on the modalities including funding, support and development through collaborative sponsored projects.

The vote of thanks was proposed by Dr. B. N. Singh, Registrar, RKDF University.

Vice Chancellor
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RKDF UNIVERSITY

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

No. 2128 /RKDF/2015 Dated : 20 /02 /2015

Notice

The 8th Meeting of Academic Council has been fixed on 23-02-2015 at 02.00 P.M. in University "Board Room". The Agenda Notes is enclosed herewith. You are kindly requested to attend the meeting.

Registrar

No. 2129 /RKDF/2015 **Dated 20-02-2015**

Copy forwarded to :-

(1) Vice Chancellor, RKDF University
(2) Registrar, RKDF University
(3) Dr. Abha Swaroop (Director, Bhoj University Bhopal)
(4) Dr. Pitam Chandra (Ex. Director. CIAE Bhopal)
(5) Dr. Naveen Chandra (Vice Chancellor, Sri Satya Sai Univerity, Sehore M.P.)
(6) Dr. Sushil Kumar Mittal (Head Civil Engineering Depart. MANIT, Bhopal)
(7) Dr. M. L. Kori, RKDF University
(8) Dr. K. B. L. Shrivastava, RKDF University
(9) Dr. Neelam Singh, RKDF University
(10) Dr. Rakesh Sagar, RKDF University
(11) Dr. A. C. Nayak , RKDF University
(12) Mr. Ratnesh Jain, RKDF University
(13) Dr. Mamta Ghatol, RKDF University
(14) Representative from M.P. Private University Regulatory Commission
Special Invitee
Dr. R. P. Singh (Pro. Vice Chancellor, Sri Satya Sai Univerity, Sehore M.P.)

Registrar
Registrar
RKDF University

Agenda for Meeting of 8th Academic Council

Under the Chairmanship

Of

Dr. V. K. Sethi, Vice Chancellor, RKDF University

Date :- 23/02/2015

Time:- 02.00 PM

Venue:- Board Room, RKDF University

Airport Bypass Road, Post Box No.31, Gandhi Nagar, Bhopal, M.P.
Phone:0755-2740305 e-mail :- info@rkdf.ac.in; website: www.rkdf.ac.in

2/1

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Agenda No.1:- Approval of Proceeding of Academic Council meeting held on 14/10/2014

The Proceeding of 7th Academic Council meeting which was held on 14-10-2014 and proceeding of meeting was sent to all members vide this office letter **Ref.No: 1951 /RKDF /2014** dated 14-10-2014. & no comments were received hence; it is proposed that the proceeding of seventh Academic council may be approved by the Academic Council.

Agenda No. 2:- Action taken report on the decision taken during 7th Academic council meeting held on 14/10/2014.

S. No.	Decision Taken	Action Taken Report
1	Dr. Pritam Chandra Suggested that student faculty of B.Tech (Agriculture Engineering) and B.Sc. Agriculture should be given more practical/training in village and also proposed awareness programme for farmers should be arranged in their village that they shouldn't burn crop residue in their field & thus more fodder shall be available for livestock.	1. All agriculture student were given practical training at the institute and for practical and field training Student visited RAK College of Agriculture, Sehore 466001 (M.P.) and Indian Institute of Soil Science, Bhopal (M.P.) 2. Regarding awareness programme for farmers it shall be arranged during 2nd Semesters before harvesting of Rabi crop

Agenda No.3:- Seminar/ other Education related activity organized by University since last Academic Council meeting

Two days "*INTERNATIONAL CONFERENCE ON EMERGING KNOWLEDGE IN CLINICAL GENETICS AND GENOMIC MEDICINE*" organized by RKDF University, Bhopal and sponsored by M.P. Council of Science & Technology. on dated 17-18th Dec 2014. The scientific topics during the seminar were:-

1. SOLID WASTE MANAGEMENT FOR SUSTAINABLE AGRICULTURE.
2. IMPACT OF GENOMICS AND PHARMACEUTICAL RESEARCH.

3. ABBRANT EXPRESSION OF ATM, γH_2AX and p53 PROTEINS AND THEIR ASSOCIATION WITH PATHOGENESIS OF GALL BLADDER CANCER PATIENTS EXPOSED TO METHYL ISOCYNATE.
4. SICKLE CELL DISEASE
5. HAEMOGLOBINOPATHIES AND ITS MANAGEMENT.
6. GENE CHIP TECHNOLOGY –TOOL FOR GENE ANALYSIS.
7. GENOMIC & GENETIC EDUCATION.
8. RESEARCH AND CAREER IN FIELD OF BIOTECHNOLOGY.
9. PEDIATRIC GENETICS AND GENOMIC MEDICINE.

Agenda No. 4 Uniform Choice based Credit System

The letter of UGC for uniform choice based credit system is enclosed at Annexure I the university is already implement credit based system.

The differences in letter of grades are as under

S. No.	UGC Uniform choice based credit system			University Approved credit system		
	Letter Grade		Grade Point	Letter Grade		Grade Point
1.	O	(outstanding)	10	A +	outstanding	10
2.	A+	(Excellent)	9	A	outstanding	9
3.	A	(Very Good)	8	B +	Very Good	8
4.	B+	(Good)	7	B	Good	7
5.	B	(Above Average)	8	C +	Average	6
6.	C	(Average	5	C	Satisfactory	5
7.	P	(Pass)	4	C	Satisfactory(for Pharmacy)	5
8.	F	(Fail)	0	C	Satisfactory (for B.Arch.)	5
9.	Ab	(Absent)	0	D	Marginal (for B.Arch.)	4.5
10.				D	Marginal (For P.G. course except Pharmacy)	4
11.				D	Marginal (For U.G. & Diploma courses except B.Arch.))	4
12.				F	Fail	0
13.				I	Incomplete	0
14.				W	Withdrawal	0

Type of courses

Course in a programme may be of three Kinds: Core, Elective and Foundation.

1. Core Course:-

There May be core Course in every semester. This is the course which is to be compulsorily studied by a student as a core requirement to complete the requirement of a programme in a said discipline of study.

2. Elective Course

Elective course is a course which can choose from a pool of papers. It may be :

- Supportive to the discipline of study
- Providing an expanded scope
- Enabling an exposure to some other discipline/domin
- Nurturing student's proficiency/ skill.

An elective may be "Generic Elective" Focusing on those courses which add generic proficiency to the student. An elective may be "Discipline centric" or may be chosen from an unrelated discipline. It may be called an "Open Elective".

3. Foundation Course:-

The foundation courses may be of two kinds: compulsory foundation and Elective foundation. "Compulsory foundation" course are the courses based upon the content that leads to knowledge enhancement. They are mandatory for all disciplines. Elective foundation courses are value-based and are aimed at man-making education.

The courses "core and foundation" courses have been already running in university on the regular basis. and regarding elective course the university shall be implementing supportive to the discipline of study and or providing an expended scope. **Submitted for suggestion & approval.**

Agenda No.5: Approval Draft for Examination Promotion Rules.

The proposed draft for examination and promotion rules for the student admitted in the RKDF University is enclosed at **Annexure -1 (Page14-18**)

Submitted for approval.

Agenda No.6:-Changing the duration & Curriculum of B. Ed & M. Ed Courses as per guidelines of NCTE.

The National Council from Teaching Education vide its office letter No. 51-4/2014/NCTE/N&S dated December 16th, 2014(Copy enclosed) at **Annexure -2 (Page 19-20)** & as per Gazette of Govt. of India, published on December 2014, the new regulation, norms & standards of Education courses has been revised. Out 15 programmes of NCTE, following courses are as part of Higher Education system comes under the Jurisdiction of the Universities. The courses are as under:-

1. Bachelor of Elementary Education (B.El.Ed.)
2. Bachelor of Education (B.Ed)
3. Bachelor of Education (B.Ed.) through ODL Mode
4. Bachelor of Physical Education (B.P.Ed)
5. Master of Education (M.Ed.)
6. Master of Physical Education (M.P. Ed.)
7. BA B.Ed./ B.Sc. B.Ed. integrated Programme of 4- Years' Duration
8. Integrated B.Ed.-M.Ed. Programme of 3 Years' Duration
9. B.Ed. (Part-Time) Programme of 3 Years' Duration

The RKDF University Bhopal is already running following Courses

S. No	Name of Course	Duration / Years
1	Diploma in Education	2 Years
2	Bachelor of Education	1 Years
3	Master of Education	1 Years

The RKDF University Bhopal have two Education Institutes i.e. J. K. Jain Memorial College of Education and Vedica College of Education. Each Institutes have 100 seats for B.Ed. & Vedica College of Education have 35 seats for M.Ed. As per NCTE Gazette notification for M.Ed. UTD dept. are eligible Course. Govt. of M.P., Dept. of Higher Education has approved B.Ed. & M.Ed. in University Ordinance, which was published in State Gazette on 4th May 2012. As per Guidelines of NAAC, the University is eligible for Inspection, when two graduates batches have pass or Six years from its establishment,

the NAAC, do the Inspection of University as whole & not the constituent Institutes of the University. The University established on 17th July 2011 & shall be eligible for NAAC in 2016 when two undergraduate batches shall be passed. As per new regulation of NCTE and approval of Ordinance of University we are imparting B.Ed. M.Ed. Classes in the University

As per guidelines of NCTE and recommendation of Board of studies of Department of Education, RKDF University Bhopal, following Courses as per guidelines of NCTE is proposed from the Academic Year 2015-16 in this University.

S. No.	Name of Course	Duration/ (Year)
1	Diploma in Education (D.Ed)	2 Years
2	Bachelor of Education (B.Ed)	2 Years
3	Master of Education (M.Ed)	2 Years
4	Integrated B.Ed.-M.Ed. Programme	3 Year
5	B.Ed. (Part-Time) Programme	3 Years

As per guidelines of NCTE the required of infrastructure is available. The curriculum & other norms prescribed by NCTE, shall be followed. The proposal is placed to academic Council for approval of

A. Duration of B.Ed. & M.Ed. from one Year to Two Year

B. Starting of Two new Courses from the Academic Year 2015-16 Integrated B.Ed.-M.Ed. Programme of 3 Years' Duration B.Ed. (Part-Time) Programme of 3 Years' Duration

Agenda No.7:- Regarding recognizing National Institute of Importance as Research Centre

As per approved Ordinance No. 11 of RKDF University regarding Ph.D. as per UGC Regulation 2009, regarding Research Centre, the provision is as under:-

A candidate may pursue his research work for Ph.D degree in the University Teaching Department in the subject concerned,

Or

At a Research centre i.e an organization of National or International repute (NIIT/IIT other academic institutions of national importance/Research Organizations of

Government/reputed corporate establishment with established R&D Laboratories etc), recognized as a research centre by the Academic Council: Provided that a M.O.U. shall have to signed between the university & the Institute/Organization.

After the M.O.U., the candidates may also be allowed by RDC to pursue research work at an industry of international repute, actively involved in research and development activities in the subject and having sufficient R&D infrastructure for conducting research, which must be Government of India approved R&D centre and shall be recognized for this purpose by the BOM of the University.

The University have already signed MOU with CIAE & National Institute of Soil Science (Both are Institute of ICAR, Govt. of India)

The Govt. of India, Institute Department of Science & Technology and MNRE have excellent Research facilities laboratories. Some of the Engineers & Scientist approached to RKDF University for registering as Ph.D. scholar. D. S. T. & MNRE provides fund for research works to many Universities & Institutes. D. S. T. & MNRE shall give no objection to their employee for doing Ph.D. in RKDF University & also give permission to work in their Labs

It is proposed to recognize the DST & MNRE as research Centre of RKDF University.

Agenda No.8: Approval of Ph.D. Guide

For approval of Ph.D. Guides and Co Guide following proposal are placed to Academic Council.

S.No.	Name of Faculty members	Subject	Year Ph.D. Award	No. of Research Published	Experience year
1	Dr. Vivek Raich	Mathematics	2000	28	32
2	Dr. Naveen Chandra	Chemistry	1974	167	40
3	Dr. R.P. Singh	Electronics	1981	125	40
4	Dr. Anil Goel	Maths	1997	80	25
5	Dr Badrilal S Patidar	Geography	1988	10	27
6	Dr.Manoj C Shastri	Education	2003	31	16

7	Dr. Surya Prakash	Commerce	2009	25	5

Submitted for approval

Agenda No. 9:- Approval of New Regulation of Pharmacy Council of India for M. Pharma Course from the Academic Year 2015-16.

The New Regulation of PCI for Master of Pharmacy was published in the gazette of India- Extraordinary on -10-12-2014 some of the major points in regulation is as under :-

1. **Duration of the course**
   a. The duration of the M.Pharm course shall be of two academic years full time with each academic year spread over a period of not less than two hundred working days.
   b. The study of M.Pharm course shall be of annual system which includes M.Pharm (Part-I) extending for 12 months from the commencement of the academic term and M.Pharm (Part-II) of another 12 months duration.
   c. At the end of M.Pharm (Part-I) there shall be a university examination of M.Pharm (Part-I). At the end of M.Pharm (Part-II) the candidate shall submit a dissertation on the topic approved by the university.
2. **Minimum qualification for admission to M.Pharm (Part-I) programme**
   A pass in the following examinations –
   a) B.Pharm degree examination of an Indian University established by law in India from an institution approved by Pharmacy Council of India and has scored not less than 55% of the maximum marks (aggregate of four years of B.Pharm).

   Provided that –

   a) There shall be reservation of seats for the students belonging to the Scheduled Castes, Scheduled Tribes and Other Backward Classes in accordance with the instructions issued by the Central Government/State Government/Union Territory Administration, as the case may be, from time to time.
   b) For SC/ST candidates the prescribed percentage of marks will be 50% of the maximum marks (aggregate of four years of B.Pharm).
   c) Every student, selected for admission to postgraduate pharmacy course in any of the pharmacy institution in the country should have obtained

Registration with the State Pharmacy Council or should obtain the same within one month from the date of his admission, failing which the admission of the candidate shall be cancelled.

3. **Approval of Post Graduate Pharmacy courses and examination.**
   a) No person, institution, society or university shall start and conduct M.Pharm programme or increase number of admissions without the prior approval of the Pharmacy Council of India.
   b) Any person, institution, society or university for the purpose of obtaining approval under sub-section (1) of section 12 of the Pharmacy Act shall submit a scheme.
   c) The scheme referred to in sub-regulation (b) above, shall be in such form and contain such particulars and be preferred in such manner and be accompanied with such fee as may be prescribed by the Pharmacy Council of India.
   d) The approval to a Post Graduate Course shall be granted initially for a specified period not exceeding 5 year, after which it shall have to be renewed.
   e) The procedure for 'Renewal' of approval shall be same as applicable for the grant of approval.
   f) Failure to seek timely renewal of approval as required in sub-regulation-4(d) shall invariably result in stoppage of admissions to the concerned Post Graduate course.

4. **<u>Eligibility for conducting Post Graduate Courses</u>**
   a) The institutions approved by the Pharmacy Council of India for running Bachelor of Pharmacy course under section 12 or institutions established by the Central Government/State Govt. for the purpose of imparting postgraduate pharmacy education shall be eligible for starting any postgraduate degree course.

      Provided that the Pharmacy Council of India shall exempt any such existing/proposed specialist institution or autonomous body owned and managed by the Central Government/State Government from fulfilling the prescribed provision of having an undergraduate teaching facility and allow starting Postgraduate pharmacy course.
   b) The institutions approved by the Pharmacy Council of India under section 12 of the Pharmacy Act for running Undergraduate course, prior to the implementation of these regulations and conducting Post Graduate

programmes in Pharmacy (M.Pharm.) or institutions established by the Central Government/State Govt. for the purpose of imparting postgraduate Pharmacy education shall within one year from the date of notification of these regulations apply to the Pharmacy Council of India as mentioned in sub-regulation '4.1(b)' above.

c) The maximum number of students for a postgraduate pharmacy course, who can be registered in any recognised department / institution for training for the award of postgraduate degree by the affiliating university, shall be determined by the facilities available in the department/ institution in terms of infrastructure, teaching staff and teaching material.

Provided that the Pharmacy Council of India shall not approve any institution under these regulations unless it provides adequate arrangements for teaching in regard to building, accommodation, laboratories, equipments, teaching staff, non-teaching staff, etc., as specified in to these regulations.

5. GENERAL CONDITIONS TO BE OBSERVED BY POSTGRADUATE TEACHING INSTITUTIONS:

a) Postgraduate curriculum shall be competency based.
b) Learning in postgraduate programme shall be essentially autonomous and self directed.
c) A combination of both formative and summative assessment is vital for the successful completion of the PG programme.
d) A modular approach to the course curriculum is essential for achieving a systematic exposure to the various sub-specialities concerned with a discipline.
e) The training of PG students shall involve learning experience 'derived from' or 'targeted to' the needs of the profession and community. It shall, therefore, be necessary to expose the students to profession and community based activities.

6. GENERAL OBJECTIVES OF POST-GRADUATE TRAINING EXPECTED FROM STUDENTS AT THE END OF POST-GRADUATE TRAINING

At the end of the postgraduate training in the discipline concerned the student shall be able to;

a) recognize the importance to the concerned speciality in the context of the professional needs of the community and the national priorities in the health and pharmacy sector;
b) practice the profession ethically;

c) demonstrate sufficient understanding of the basic sciences relevant to the concerned speciality;
d) identify social, economic, environmental, biological and emotional determinants of health / pharmacy sector in a given case, and take them into account while planning professional strategies;
e) play the assigned role in the implementation of National Health Policy, National Drug Policy etc. effectively and responsibly;
f) develop skills as a self-directed learner, recognize continuing education needs, select and use appropriate learning resources;
g) demonstrate competence in basic concepts of research methodology and be able to critically analyze relevant published research literature;
h) develop skills in using educational methods and techniques as applicable to the teaching of pharmacy students and other health professional workers; and
i) function as an effective leader of a health team engaged in health care, research or training.

7. **Examination**

The examination for M.Pharm shall be held in accordance with the provisions contained in these regulations. The examinations shall be organised on the basis of grading or marking system to evaluate and certify candidate's level of knowledge, skill and competence at the end of the training.

a) **For M.Pharm (Part-I)**
   i. There shall be an examination for M.Pharm (Part-I) at the end of calendar year. The first examination shall be the annual examination and the second examination shall be supplementary examination.
   ii. The examinations shall be of written and practical (including oral)

b) **For M.Pharm (Part-II)**

For M.Pharm (Part-II) the examination shall be an evaluation of dissertation and viva voce at the end of 12 months (one year) after the commencement of M.Pharm (Part-II) course.

8. **Scheme of Examinations: –**

a) **Mode of Examination**
   i. Theory examination shall be of three hours and practical examination shall be of six hours duration.
   ii. A student who fails in theory or practical examination of a subject shall re-appear both in theory and practical of the same subject.
   iii. Practical examination shall also consist of a viva –voce (Oral) examination.

iv. The maximum number of candidates to be examined in clinical / practical and Oral on any day shall not exceed fifteen for M.Pharm examinations.

v. M.Pharm examinations, in any subject shall consist of Thesis, Theory Papers, and Practical and Oral examinations.

b) **Sessional Examinations**

I. There shall be atleast two periodic sessional examinations in each subject of specialization conducted at regular intervals at the end of the first term and second term respectively both in theory and in practical which include seminars.

II. The highest aggregate of any two performances shall form the basis of calculating sessional marks.

III. The sessional marks shall be awarded out of a maximum of 50 in theory and practical as follows:

Theory

Written Test	:	30 marks (average of two)
Seminar	:	20 marks
Total	:	50 marks

Practical

Practical Test	:	30 marks (average of two)
Lab. Work (Record)	:	20 marks
Total	:	50 marks

iv. A regular record of both theory and practical class work and examinations conducted in an institution imparting training for M.Pharm Programme shall be maintained.

c) **Improvement of sessional marks** –

Students who wish to improve sessional marks can do so, by appearing in two additional sessional examinations during the next academic year. The average score of the two examinations shall be the basis for improved sessional marks in theory. The sessional marks of practical shall be improved by appearing in additional practical examinations. Marks awarded to a student for day to day assessment in the practical class cannot be improved unless he attends a regular course of study again.

d) **University Examination M.Pharm (Part- I)**

i. There shall be two university examinations annually (Annual & Supplementary).
ii. Each theory paper shall be of 3 hours duration carrying 100 marks each.
iii. Each practical paper shall be of 6 hours duration carrying 100 marks each.

Theory

I. There shall be four theory papers.
II. The theory examinations shall be held sufficiently earlier than the Practical examination so that the answer books can be assessed and evaluated before the start of Practical and Oral examination.

Practical and Oral Examination

I. Practical examination shall be conducted to test the knowledge and competence of the candidates for making valid and relevant observations based on the experimental/Laboratory studies and his ability to perform such studies as are relevant to his subject.
II. The Oral examination shall be thorough and shall aim at assessing the candidate's knowledge and competence about the subject, investigative procedures, technique and other aspects of the specialty, which form a part of the examination.

9. **Thesis**

a) Every candidate shall carry out work on an assigned research project under the guidance of a recognized Postgraduate Teacher, the result of which shall be written up and submitted in the form of a Thesis.
b) Work for writing the Thesis is aimed at contributing to the development of a spirit of enquiry, besides exposing the candidate to the techniques of research, critical analysis, acquaintance with the latest advances in medical science and the manner of identifying and consulting available literature. Thesis shall be submitted at least two months before the theoretical and practical examination.
c) The Thesis shall be examined by a minimum of two examiners; one internal and one external examiner.

10. **Minimum marks for passing examination**

a. A student shall not be declared to have passed M.Pharm examination unless he secures at least 50% marks in each of the subject separately in the theory examinations, including sessional marks and at least 50% marks in each of the practical examinations including sessional marks.
b. The students securing 60% marks or above in aggregate in all subjects in a single attempt at the M.Pharm examination shall be declared to have passed in first class.

c. Students securing 75% marks or above in any subject or subjects shall be declared to have passed with distinction in the subject or those subjects provided he passes in all the subjects in a single attempt.

11. **Eligibility for promotion to M.Pharm (Part-II)**

a. All students who have appeared for all the subjects and passed the first year annual examination are eligible for promotion to the second year.

b. The student failing in subjects of M.Pharm (Part-I) examination shall be permitted to register for M.Pharm (Part-II) programme. However, such students shall not be permitted to submit the dissertation unless he completes the M.Pharm (Part-I) examination and passes both in theory and practical at a time together.

12. **Approval of examinations.** – Examinations mentioned in regulations 10 shall be held by the examining authority which shall be approved by the Pharmacy Council of India under sub-section (2) of Section 12 of the Pharmacy Act, 1948.

13. **Certificate of passing examination.** – Every student who has passed the examinations for the M.Pharm (Master of Pharmacy) programme shall be granted a degree certificate by the Examining Authority.

14. **Examiners**

a. All the Postgraduate Examiners shall be recognised Postgraduate Teachers holding postgraduate qualifications in the subject concern

b. For all Postgraduate Examinations, the minimum number of examiners shall be two, out of which at least one shall be External Examiner, who shall be invited from other recognised Examining Authority from outside the Jurisdiction of the Examining Authority. **Submitted for approval**

Agenda No. 10:- <u>Addition of New Courses in the University</u>

S. No.	Name of Course	Duration
1.	M.Tech (Biotechnology)	(2 Years)
2.	M.Tech (Energy Technology)	(2 Years)

Submitted for Approval

Agenda No. 11:- <u>Addition of Minutes of Board of studies</u>

S.	Board of	Course	Major agenda	Date of BOS

No.	Studies			
1	Paramedical Sciences	DIPLOMA: X – RAY/ RADIOGRAPHER TECHNICIAN (DXR)	Outcome based syllabus and examination scheme	16.02.2015
2	Paramedical Sciences	Operation Theater Technician (O.T.)	Outcome based syllabus and examination scheme	16.02.2015
3	Paramedical Sciences	Diploma Pharmacy (AYURVED) (DAP)	Outcome based syllabus and examination scheme	16.02.2015
4	Paramedical Sciences	Diploma Medical Lab Technician (DMLT)	Outcome based syllabus and examination scheme	16.02.2015
5	Paramedical Sciences	Bachelor Medical Lab Technician (BMLT)	Outcome based syllabus and examination scheme	16.02.2015
6	Paramedical Sciences	BACHELOR OF PHYSIOTHERAPY (BPT)	Outcome based syllabus and examination scheme	16.02.2015
7	Education	Bachelor of Education (B.Ed.) [two year duration]	Outcome based syllabus and examination scheme	17.02.2015

Submitted for approval

Agenda no. 12 Academic Excellence

A. University Students Mr. Sandeep Datta, Ms. Neelam Sharma, Mr. Aditya Sharma and Mr. Agenda Sourabh Kumar, has participated KSHITIJ-2015 organized by IT Academic Khargpur they were finalist of the event by Academic Council of IIT Kanpur.

B. Dr. CBS Dangi. Mohan Tiwari, S. Susmit Kosta & Manpreet Kaur published research paper entitled "Bhopal could be Hefty Exaggerated to Skin Toxicity: Toxicokinetics of Skin 2. Exposure to Methyl Isocyanate (Mic)" published in International Journal of Bio - Technology and Research USA "was awarded" Best Paper Certificate.

Agenda No. 13:- <u>Examination promotion rules draft</u>

Annexure - I

DRAFT (Examination Rules)

Promotion Rules 2014-15

- Promotion rules are for student admitted for the year 2014-15
- Promotion rules – Promotion of student to next semester/year
- Subject means-Each theory paper or practical examination shall be considered as a subject.
- Year back means- Candidate not fulfill the eligibility to promote next semester.

Undergraduate

Technical/Non Technical

Student have valid Enrollment number of university, he/she allowed appearing in semester Examination of First year.

If Candidate not appeared in 1st Year, he/ she is not permitted to appear in 2nd year. Candidates failing in 1st semester Examination or not appeared in 1st semester Examination, shall be provisionally promoted to the 2nd semester. Candidate will be allowed to appear and appear in the 1st semester Examination as EX status in next successive examination of a semester, along with the regular semester examination.

Candidate will be permitted to appear in 3rd Year (or 5th semester) only when he/she clears all the subjects of 1st Year. However failing in 1st Year; such candidates will be offered year back. Such candidates may be allowed to appear as a backlog (EX) student in the successive semester examination, but he/she is not allowed keeping the term as a regular student.

Candidate will permit to appear in 4th year (or 7th semester) only when he/she clears all the subjects upto 2nd Year. However failing in 2nd Year; such candidates will be offered year back. Candidates he/she may be allowed to appear as a backlog (EX) student in the successive semester examination, but he/she not allowed for keeping the term as a regular student.

Maximum duration to complete the Technical degree is 8 Years & Non-Technical degree is 6 Years

BE (Lateral)

Technical

Student having valid Enrollment number of university will be allowed for appearing in semester Examination of First year. If a Candidate has not appeared in 2nd Year, he/she not permitted to appear in 3rd year.

If a candidate fails in 3rd semester Examination or not appeared in 3rd semester Examination, such candidates will be provisionally promoted to the next semester. Candidate will be allowed to appear in all the subjects in next successive examination of a semester, along with the regular semester examination.

Candidate will be permitted to appear in 7th semester only when he/she clears all the subjects of 2nd Year. However, candidates who have not cleared all the subjects of 2nd Year, such candidate will be offered year back. Candidates may be allowed to appear as a backlog (EX) student in the successive semester examination, but he/she not allowed keeping the term as a regular student.

Maximum duration to complete the Technical degree in case of Lateral entry is 6 Years

Post Graduate

Technical/ Non Technical

Students who have valid Enrollment number of university, he/she will be allowed for appearing in semester Examination of First year. If a Candidate not appeared in 1st Year, he/ she not permitted to appear in 2nd year examination.

Candidates failing in Ist semester Examination or not appeared in 1st semester Examination, such candidate shall be provisionally promoted to the 2nd semester. Candidate will be allowed to appear and appear the 1st semester Examination as EX status in next successive examination of a semester, along with the regular semester examination. However failure in more than total six subjects of 1st Year examinations shall debar him/her from promotion to appear as a regular student of subsequent semester examination and he/she will be offered year back. Such candidates may be allowed to appear as a backlog student in the successive semester examination, But he/she not allowed to keep the term as a regular student.

Technical candidate will be permitted to appear in 4th semester only when he/she clear all subject upto 3rd Semester.

Maximum duration to Technical/Non Technical degree is 4 Years

Diploma Engineering

Student have valid Enrollment number of university, he/she allowed appearing in semester Examination of First year.

If Candidate not appeared in 1st Year, he/she are not permitted to appear in 2nd year. Candidates fail in Ist semester Examination or not

appeared in 1st semester Examination, candidate shall be promoted to the 2nd semester. Candidate will be allowed to appear and pass the 1st semester Examination as EX status in next successive examination of a semester, along with the regular semester examination.

Candidate will be permitted to appear in 3rd Year (or 5th semester) only when he/she clears all the subjects of 1st Year. Those candidates who have not clear all the subjects of 1st Year; such candidates will be offer year back Candidates he/she may be allowed to appear as a backlog (EX) student in the successive semester examination, but he/she not allowed keeping the term as a regular student.

Maximum duration to Diploma Engineering is 6 Years.

Diploma pharmacy

Student have valid Enrollment number of university, he/she allowed appearing in semester Examination of First year.

All candidates who have appeared for the examination of Part-I Class in all the subject shall promoted to next year examination i.e. Part-II Class. However if any candidates fails in any of subject of Part-I D. Pharm examination, such candidates given a chance to appear in the supplementary examination of Part-I D Pharm and after supplementary examination if any candidate fails not more than two subject than such candidate will be promoted to Part-II Class examination otherwise such candidate shall be debar from the promotion to Part-II Class examination and such candidate have to reappear in Part-I Class examination again as regular student. Such candidates who have failing

in passing the Part-I/II exam in four attempts shall not be allowed to continue the course.

Maximum duration of course: The candidate shall be required to complete his course maximum within 4 academic years.

Agenda No. 14: MOU with Sierra Bio Life Pvt. Ltd.

The University has signed a MOU with Sierra Bio Life Pvt. Ltd. aimed at working on the modalities including funding, support and development through collaborative sponsored projects.

Agenda No. 15:- <u>any other point with the permission of Chairman</u>

Annexure - I

DRAFT (Examination Rules)

Promotion Rules 2014-15

- Promotion rules are for student admitted for the year 2014-15
- Promotion rules – Promotion of student to next semester/year
- Subject means-Each theory paper or practical examination shall be considered as a subject.
- Year back means- Candidate not fulfill the eligibility to promote next semester.

Undergraduate

Technical/Non Technical

Student have valid Enrollment number of university, he/she allowed appearing in semester Examination of First year.

If Candidate not appeared in 1st Year, he/ she is not permitted to appear in 2nd year. Candidates failing in 1st semester Examination or not appeared in 1st semester Examination, shall be provisionally promoted to the 2nd semester. Candidate will be allowed to appear and appear in the 1st semester Examination as EX status in next successive examination of a semester, along with the regular semester examination.

Candidate will be permitted to appear in 3rd Year (or 5th semester) only when he/she clears all the subjects of 1st Year. However failing in 1st Year; such candidates will be offered year back. Such candidates may be allowed to appear as a backlog (EX) student in the successive semester examination, but he/she is not allowed keeping the term as a regular student.

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Candidate will permit to appear in 4th year (or 7th semester) only when he/she clears all the subjects upto 2nd Year. However failing in 2nd Year; such candidates will be offered year back. Candidates he/she may be allowed to appear as a backlog (EX) student in the successive semester examination, but he/she not allowed for keeping the term as a regular student.

Maximum duration to complete the Technical degree is 8 Years & Non-Technical degree is 6 Years

BE (Lateral)

Technical

Student having valid Enrollment number of university will be allowed for appearing in semester Examination of First year. If a Candidate has not appeared in 2nd Year, he/she not permitted to appear in 3rd year.

If a candidate fails in 3rd semester Examination or not appeared in 3rd semester Examination, such candidates will be provisionally promoted to the next semester. Candidate will be allowed to appear in all the subjects in next successive examination of a semester, along with the regular semester examination.

Candidate will be permitted to appear in 7th semester only when he/she clears all the subjects of 2nd Year. However, candidates who have not cleared all the subjects of 2nd Year, such candidate will be offered year back. Candidates may be allowed to appear as a backlog (EX) student in the successive semester examination, but he/she not allowed keeping the term as a regular student.

Maximum duration to complete the Technical degree in case of Lateral entry is 6 Years

Post Graduate

Technical/ Non Technical

Students who have valid Enrollment number of university, he/she will be allowed for appearing in semester Examination of First year. If a Candidate not appeared in 1st Year, he/ she not permitted to appear in 2nd year examination.

Candidates failing in Ist semester Examination or not appeared in 1st semester Examination, such candidate shall be provisionally promoted to the 2nd semester. Candidate will be allowed to appear and appear the 1st semester Examination as EX status in next successive examination of a semester, along with the regular semester examination. However failure in more than total six subjects of 1st Year examinations shall debar him/her from promotion to appear as a regular student of subsequent semester examination and he/she will be offered year back. Such candidates may be allowed to appear as a backlog student in the successive semester examination, But he/she not allowed to keep the term as a regular student.

Technical candidate will be permitted to appear in 4th semester only when he/she clear all subject upto 3rd Semester.

Maximum duration to Technical/Non Technical degree is 4 Years

2118

Diploma Engineering

Student have valid Enrollment number of university, he/she allowed appearing in semester Examination of First year.

If Candidate not appeared in 1st Year, he/she are not permitted to appear in 2nd year. Candidates fail in Ist semester Examination or not appeared in 1st semester Examination, candidate shall be promoted to the 2nd semester. Candidate will be allowed to appear and pass the 1st semester Examination as EX status in next successive examination of a semester, along with the regular semester examination.

Candidate will be permitted to appear in 3rd Year (or 5th semester) only when he/she clears all the subjects of 1st Year. Those candidates who have not clear all the subjects of 1st Year; such candidates will be offer year back Candidates he/she may be allowed to appear as a backlog (EX) student in the successive semester examination, but he/she not allowed keeping the term as a regular student.

Maximum duration to Diploma Engineering is 6 Years.

2119

Diploma pharmacy

Student have valid Enrollment number of university, he/she allowed appearing in semester Examination of First year.

All candidates who have appeared for the examination of Part-I Class in all the subject shall promoted to next year examination i.e. Part-II Class. However if any candidates fails in any of subject of Part-I D. Pharm examination, such candidates given a chance to appear in the supplementary examination of Part-I D Pharm and after supplementary examination if any candidate fails not more than two subject than such candidate will be promoted to Part-II Class examination otherwise such candidate shall be debar from the promotion to Part-II Class examination and such candidate have to reappear in Part-I Class examination again as regular student. Such candidates who have failing in passing the Part-I/II exam in four attempts shall not be allowed to continue the course.

Maximum duration of course: The candidate shall be required to complete his course maximum with in 4 academic years.

2/20

2/21

Annexure-2

राष्ट्रीय अध्यापक शिक्षा परिषद्
(भारत सरकार का एक विधिक संस्थान)

गुरुर्गुरुतमो धाम
NCTE

National Council for Teacher Education
(A Statutory Body of the Government of India)

Professor SANTOSH PANDA
Ph.D (Edn.) Fulbright Scholar
CHAIRPERSON

File No. 51-4/2014/NCTE/N&S
December 16, 2014

To : All Vice Chancellors of Universities

Subject: National Council for Teacher Education (Recognition Norms and Procedure) Regulations, 2014 - Regarding Implementation.

Dear Sir/Madam,

The National Council for Teacher Education (NCTE), a statutory body set up by an Act of Parliament in 1993, has the mandate to ensure planned and coordinated development of Teacher Education in the country, for which it lays down Norms and Standards for the recognition of various teacher education programmes (including TE programmes of universities). The Recognition Norms are revised periodically to meet the changing needs of the teacher education system in response to the new demands of the society in general and of the education system in particular.

At the instance of the Hon'ble Supreme Court of India, the Government of India appointed a Commission on Teacher Education under the Chairmanship of Justice J.S. Verma in 2011 to rejuvenate the system of teacher education in the country. The Commission made several recommendations relating to duration and curriculum of various teacher education programmes, and also about the qualifications and preparation of Teacher Educators responsible for conducting teacher education programmes in recognised teacher education institutions. In order to implement the recommendations of the Commission, the NCTE was required to revise the Regulations and the Norms & Standards of the existing programmes and formulate Norms & Standards in respect of new programmes if any.

On the basis of sustained deliberations among educationists and nation-wide consultations with stakeholders, the NCTE has published Regulations and Norms & Standards in respect of 15 teacher education programmes vide Gazette notification No. 346 dated 01.12.2014, a copy of which is enclosed for your perusal. **The New Regulations and Norms & Standards have come into force from the date of their publication in the Gazette of India.**

Out of 15 Programmes included in the above mentioned Notification, the following programmes, being part of the higher education system, come under the jurisdiction of the universities:

1. Bachelor of Elementary Education (B.El.Ed.)
2. Bachelor of Education (B.Ed.) ✓ 1
3. Bachelor of Education (B.Ed.) through ODL Mode
4. Bachelor of Physical Education (B.P.Ed.)
5. Master of Education (M.Ed.) ✓ 2
6. Master of Physical Education (M.P.Ed.)
7. BA B.Ed./BSc.B.Ed. integrated Programme of 4- Years' duration
8. Integrated B.Ed.-M.Ed. programme of 3 Years' duration ✓ 3
9. B.Ed. (Part-time) Programme of 3 Years' duration ✓ 4

Regn 8

contd.....2/-

19

हंस भवन (विंग-II), 1, बहादुर शाह ज़फर मार्ग, नई दिल्ली-110 002
कार्यालय : 011-23370114, फैक्स: 91-11-23370116 ई-मेल cp@ncte-india.org वेबसाईट-http: www.ncte-india.org
Hans Bhawan (Wing-II), 1, Bahadur Shah Zafar Marg, New Delhi-110 002
Office : 011-23370114, Fax : 91-11-23370116 E-mail : cp@ncte-india.org Website : http://www.ncte-india.org

2/22

(Note: Besides the above, open universities and open schools may be offering D.El.Ed. through ODL mode).

The last three programmes listed at Sr. No. 7, 8, and 9 are new Programmes, and the applications in respect of these programmes shall be received by NCTE in the year 2015 for the academic session 2016-2017. However, the duration of the three existing programmes listed at Sr. Nos. 2 (B.Ed.), 4 (B.P.Ed.) and 5 (M.Ed.) has been enhanced from one year to two years.

As the new regulations have come into force with immediate effect, the admissions of students in these programmes in the session starting July/August, 2015 shall be made for a duration of two years. This shall necessitate revision of syllabi, scheme of examination, eligibility conditions, etc with the approval of the competent Bodies of the university (and may be promulgation of modified ordinances). I take this opportunity to request you to kindly set up an appropriate mechanism in your University for the development of courses, scheme of examination, etc for the programmes of two years' duration. You are further requested to ensure that the entire exercise, including publication of modified ordinances, is completed well before the commencement of the new academic session of 2015-16.

After the completion of the exercise relating to the above mentioned three programmes, you may set up a similar mechanism for the development of syllabi etc for the three new programmes listed at Sr. No. 7, 8, 9, which shall be implemented w.e.f. the session 2016-2017 (and we are in the process of getting UGC's approval for the nomenclature and inclusion in the list of UGC). **It must be noted that prior recognition by NCTE is required to offer these programmes.**

The NCTE had brought out National Curriculum Framework for Teacher Education (NCFTE) in the year 2010. The Framework provides broad guidelines for the development of curricula for various teacher education programmes. I am sending herewith a copy of the same for your reference. Further, we shall make curriculum framework for all the above 9 TE programmes available to universities soon to facilitate them to develop their syllabus, teaching-learning guidelines, assessment, etc.

With best regards,

Yours sincerely,

(Santosh Panda) 16/12/14

Copy to Dean, Faculty of Education of respective University.

Enclosures: 1. A Copy of NCTE Regulations-2014
2. A Copy of National Curriculum Framework of Teacher Education (NCFTE)

2/22

Agenda No. 11 Research Projects submitted by RKDF University, Bhopal

The RKDF University has submitted many research projects in the financial year 2014-15 are enclosed. The submitted research projects are under consideration to different financing Institutes of India/ State for sanction. The summary of Research Project submitted & under process of Consideration is as under:-

- Amount of Project submitted by the University Rs. 643.22 Lac
- Sanctioned amount of project till 14-02-2015 Rs. 69 Lac

Submitted for Information & guidance of Academic Council members

2/23

2/24

Agenda No. 12 Academic Excellence

1. Student of RKDF University, Mr. Sandeep Datta, Ms. Neelam Sharma, Mr. Aditya Sharma and Mr. Sourabh Kumar, Participated in KSHITIJ 2015 organized by IIT Karagpur, in which 15 teams of Asia Participated. The Students of RKDF University were & got Certificate of Appreciation.
   The Theme was "Dynamic Tower (Rotating Tower)"

2. The Paper Published by CBS Dangi, Mohan Tiwari, Susmit Kosta & Manpreet Kaur title "Bhopal could be Hefty Exaggerated to Skin Toxicity: Toxickinetics of Skin Exposure to Methyl Isocyanate (Mic)" published in "International Journal of Bio-Technology and Research USA" was awarded "Best Paper Certificate"

TRANS STELLAR
• Journal Publications • Research Consultancy

Paper Id: IJBTRDEC20142

Date : 31.12.2014

Certificate of Publication

This is to certify that the research paper entitled "BHOPAL COULD BE HEFTY EXAGGERATED TO SKIN TOXICITY: TOXICKINETICS OF SKIN EXPOSURE TO METHYL ISOCYANATE (MIC)" authored by "CBS DANGI, MOHAN TIWARI, SUSMIT KOSTA & MANPREET KAUR" had been reviewed by the board and published in "INTERNATIONAL JOURNAL OF BIO-TECHNOLOGY AND RESEARCH (IJBTR); ISSN (PRINT): 2249-6858; ISSN (ONLINE): 2249-796X; VOL - 4, ISSUE - 6, DEC - 2014; IMPACT FACTOR(JCC): 2.8872; INDEX COPERNICUS VALUE (ICV) - 2014: 3.0"

L. Gayathri
Associate Editor-TJPRC

Chief Editor-TJPRC

TRANS STELLAR
• Journal Publications • Research Consultancy

International Journal of Bio-Technology and Research

in recognition of the research paper quality, originality and significance in modeling and technical flow and upon recommendation of the TJPRC Journals Best Paper Award Committee proudly present this

BEST PAPER CERTIFICATE

to

CBS Dangi, Mohan Tiwari, Susmit Kosta & Manpreet Kaur

Paper Title : **Bhopal could be Hefty Exaggerated to Skin Toxicity: Toxickinetics of Skin Exposure to Methyl Isocyanate (Mic)**

Edition Date : 12/31/2014

L. Gayathri
Associate Editor-TJPRC

Chief Editor-TJPRC

Submitted for Kind Information

2/27

2/28

RKDF UNIVERSITY

(Engineering Department)

S.No	Name of The P.I. Organization	Name of Co-PI	Title of the Project	Name of Collaborating Organization	Name of Funding agencies	Amount for fund
1.	Dr. V.K. Sethi RKDF Univ.	Dr. Partha S. Dutta	High Energy Density Thermal Energy Storage for Concentrated Solar Plant	Rensselaer Polytechnic Institute, Troy, New York, USA	MNRE, New Delhi	45 Lacs.
2.	Dr. V.K. Sethi RKDF Univ.	J.K. Chandrashekar	Pilot unit for Methanol operated Solid Oxide Fuel cell by using Steam reformation of Methanol to produce Hydrogen and Generate Energy in CHP Mode.	J.C. Fuels Private Ltd. (Alternate Energy Systems)	MNRE, New Delhi	25 Lacs.
3.	Dr. V.K. Sethi RKDF Univ.	Mr. Sohail Bux	Feasibility Study of Post Combustion Carbon Capture & Sequestration (CCS) Plant on a Coal Fired Thermal Power Plant.	Bergen Solar Power & Energy Ltd. Gurgaon	DST, New Delhi	30 Lacs + 5 Lacs Bergen
4.	Dr. V.K. Sethi RKDF Univ.	Dr. Partha S. Dutta	Pilot project for technology incubation of electrical generator utilizing' Thermo-photo-voltaic' (TPV) integrated with Rural household lighting applications in a Village in MP	Rensselaer Polytechnic Institute, Troy, New York, USA	MPCST, Bhopal	18 Lacs.
5.	Dr. V.K. Sethi RKDF Univ.	Prof. S.R. Awasthi Dr. S.R. Nigam (AISECT Univ.)	Post Combustion Carbon Capture & Sequestration (CCS) Demonstration Plant on a Thermal Power Plant having integration with concentrated Solar Power (CSP) for Stripping of CO2 from the Solvent	Bergen Solar Power & Energy Ltd. Gurgaon	DST, New Delhi	30 Lacs.

2/29

2/30

(Pharmacy Department)

S.No	Name of The P.I.	Name of Co-PI	Title of the Project	Name of Collaborating Organization	Name of Funding agencies	Amount for fund
6.	Dr. M L Kori	Dr. Rakesh Sagar, Dr. Narendra K. Lariya	Phytochemical investigation and formulation development of herbal drugs for the management of Benign Prostate Hyperplasia.	---	MPCST	15 acs
7.	Dr. Rakesh Sagar	---	Herbal Drugs: Indian Perspective and global Scenario	---	MPCST, Bhopal	1.73akhs
8.	Dr. N.K Lariya	---	Conceptualizing "Magic Bullet" Through Nanotechnology	---	MPCST, Bhopal	1.59akhs
9.	Dr. B. N. Singh	Dr. M. L. Kori	Innovation, exploration and designing of carriers for delivery of bio actives	---	DST, New Delhi	4.0 Lakhs
10.	Dr. M. L. Kori	Rajkumari Thagele	Formulation Development and Evaluation of Targeted Drug Delivery system for the management of Breast Cancer	---	UGC New Delhi	23.0 lakhs (Approx)
11.	Dr. N K Lariya	Pallavi Prasad	Site Specific Transdermal Drug Delivery of Some Anti Arthritis drugs.	---	UGC New Delhi	23.0 lakhs (Approx)
12.	Dr. M. L. Kori	---	Functionalized therapeutic carriers for the management of pulmonary tuberculosis	---	AICTE New Delhi	25.0lakhs
13.	Dr. M. L. Kori	---	Herbal Drugs: Innovations and Potential in Global Health Scenario.	---	AICTE New Delhi	7.0 Lakhs

2/31

2/32

14.	Dr. M. L. Kori	Dr. N K Lariya	Mannose tethered therapeutic nanocarriers for macrophage targeting in tuberculosis	---	MPCST, Bhopal	13.05 Lakhs
15.	Dr. M. L. Kori	---	Fostering Scientific Temper	---	MPCST, Bhopal	50 Thousand
16.	Dr. M. L. Kori	Archana Bagre	Carrier mediated drug delivery for management of pulmonary tuberculosis	---	ICMR, New Delhi	7.32 Lakhs
17.	Dr. M. L. Kori	Archana Bagre	Carrier mediated drug delivery for management of pulmonary tuberculosis	---	DST New Delhi	23.0 Lakhs
18.	Dr. M. L. Kori	Rinku Gonekar	Colon targeted polymeric Drug Delivery System for the Management of Ulcerative Colitis.	---	UGC New Delhi	23.0 Lakhs (Approx)
19.	Dr. M. L. Kori	---	Development and Standardization of Herbal Dosage Form of Some Anti-Diabetic Drugs.	---	MPCST, Bhopal	18.16 Lakhs
20.	Dr. M. L. Kori	--	Recent trends and future perspectives in Novel Drug delivery system.	---	AICTE New Delhi	7.0 Lakhs
21.	Dr. Rakesh Sagar	--	Development and standardization of some herbal drug for the treatment of Asthma.	---	MPCST, Bhopal	12.02 Lakhs

2/33

2/34

(Biotechnology Department)

S.No	Name of The P.I.	Name of Co-PI	Title of the Project	Name of Collaborating Organization	Name of Funding agencies	Amount for fund
22.	Dr. C.B.S. Dangi	Dr. Jaya Peter, Er. Manpreet Kaur & Ms. Shikha Jain	Hands on training on molecular analysis of Haemoglobinopathies	--	MPCST	50,000/-
23.	Dr. C.B.S. Dangi	Dr. Jaya Peter, Er Manpreet Kaur & Ms. Shikha Jain	Evaluate the role of genetic modifier genes in beta thalassemia patient	--	M.P. Council of Biotechnology	14,75000/-
24.	Dr. C.B.S. Dangi	Prof. Ashish Dongre	Emerging Knowledge in Clinical Genetic & Genomic Medicine.	--	MPCST	40,000/-
25.	Dr. C.B.S. Dangi	Manpreet Kaur	Analysis of SNP'S and genetic modifier in beta thalassaemia in tribes of India	--	DBT	54,58000/-
26.	Dr. C.B.S. Dangi	Dr. Manpreet Kaur, Mr. Sushmit Kosta	Role of insulin sensitizer & beta islet cell for management of diabetes type II	--	ICMR	44,00,000/-
27.	Dr. C.B.S. Dangi	Dr. Hardev Singh & Er. Manpreet Kaur	Molecular Epidemiology of beta thalassemia in tribes	--	MPCST	12,00000/-
28.	Dr. C.B.S. Dangi	Er. Manpreet Kaur & Ms. Shikha Jain	To evaluate the in vitro chelating ability of medicinal plants for Thalassemia	--	MPCST	12,42,000/-

2/35

2/36

29.	Dr. C.B.S. Dangi	Er. Manpreet Kaur	To evaluate the in vitro anti oxidant & anti diabetic activities of recipe of methanolic extract of leaves of syzygioum cumini, alovera & begonia barigata	--	MPCST	17,83,444/-
30.	Dr. C.B.S. Dangi	Er. Manpreet Kaur	Reduce the sickle cell Anemia in Tribal Population of Betul by Using Natural Plant Secondary Metabolites	--	ICMR	48,92,000/-
31.	Dr. C.B.S. Dangi	Dr. Manpreet Kaur	Prevention and Control of Malaria in Betul District of Madhya Pradesh State	--	DST	80,00,000/-

21/37