

Letter of Collaboration

Between

Maharaja Ranjit Singh College of Professional Sciences, Indore, M. P., INDIA

And

Shri Bherulal Pharmacy Institute, Indore, M. P., INDIA

This memorandum of agreement is made on 6th of January 2020 and shall be as per following terms.

Background

Maharaja Ranjit Singh College of Professional Sciences, Indore, M. P. INDIA is an educational institute which runs Post Graduate and Graduate Courses in Science, Commerce, Management and Arts affiliated to Devi Ahilya Vishwavidhyalaya and approved by UGC.

Shri Bherulal Pharmacy Institute, Indore, M. P. INDIA is an educational institution which is running for a decade and affiliated to All India Council of Technical Education (AICTE), Pharmacy Council of India (PCI) and RGPV, Bhopal.

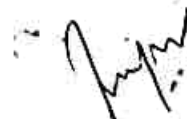
Purpose

1. For overall academic development of the students in terms of research and development.
2. Technical sharing of laboratories for research activities. The institutes shall provide technical guidance and infrastructure such as chemicals, glassware and equipments for conduction of experiments. The candidates have to follow the code of conduct of the institute and rules and regulations of the department in which he/she is working.
3. Sharing of animal house for research purposes.
4. Sharing of libraries; books cannot be borrowed, only sitting and reading facility can be initiated.
5. The candidate has to pay the fees for the resources used and guidance provided to him/her.
6. Conference / Workshop/Seminar concession of the students and faculties of both the institutes.
7. The publications coming out of this study will be co-authored by both the organisations.
8. All commitments made in this collaboration are subject to the availability of appropriate funds and each party's budget priorities.

HEAD



Prof. Dr. Sheetal Bhasin
Head
Department of Biosciences
Maharaja Ranjit Singh College of
Professional Sciences,
Indore, M. P., INDIA



Prof. Dr. Jayanti Mukherjee
Principal
Shri Bherulal Pharmacy Institute,
Indore,
M. P., INDIA





Original Research Article

<https://doi.org/10.20546/ijcmas.2020.904.361>

To Evaluate the Stability of Carbopol 934 based Transdermal Gel of Paracetamol Nanocapsules

Jayanti Mukherjee^{1*}, Shivanl Khoware¹ and Sheetal Bhasin²

¹Department of Pharmaceutical Chemistry, Shri Bherulal Pharmacy Institute, Indore, India

²Department of Microbiology, Maharaja Ranjit Singh College, Indore, India

*Corresponding author

ABSTRACT

The nanocapsules were prepared by the interfacial deposition technique proposed in the year 1989. The required quantity of the drug and benzyl benzoate were mixed and added dropwise in the organic phase containing the polymer PLGA dissolved in the two organic solvents. With continuous stirring at 4000rpm for 1 hour, soyalecithin was added in the above mixture. Finally, the later was added in the solution of Polaxamer 188 with a continuous stirring speed of 4000rpm for 30 minutes. Fine concentrated colloidal dispersion of paracetamol nanocapsules were obtained after the removal of organic solvents and high-speed centrifugation. Then anocapsules were characterized by scanning electron microscopy, zeta potential and particle size analysis. The compatibility of the excipients was analysed by FTIR. The nanogel of paracetamol was formulated with carbopol 934 and triethanolamine as the major ingredients. The transdermal formulation was tested for its in vitro permeation studies through the biomimetic dialysis membrane using Franz diffusion cell and entrapment efficiency was also conducted. The receiver solution was phosphate buffer (pH 7.4) and the permeability study was carried out for 12 hours. The transdermal gel was subjected to accelerated stability tests for 6 months and after this period microbiological tests were performed for common microorganisms. The qualitative and quantitative estimation of viable microorganisms present in the gel was evaluated which includes tests for total viable count (bacteria and fungi) and specified microbial organisms (*Escherichia coli*, *Salmonella typhi*, *Pseudomonas aeruginosa* and *Staphylococcus aureus*). The accelerated stability study showed that the product is stable for the period of 6 months. The microbiological assay established the absence of common microorganisms. Transdermal gel formulation containing paracetamol can be prepared by the interfacial deposition technique using Carbopol 934 as a carrier. *In vitro* drug release data showed better physiochemical characteristics with no skin irritation reactions. Moreover, the accelerated stability test and the microbiological tests assured a stable product.

Keywords

Paracetamol nanocapsules, Accelerated Stability Test, Microbiological tests for organisms, Stability

Article Info

Accepted:
29 March 2020
Available Online:
10 April 2020



of pharmaceuticals and cosmetics can lead to changes in the biological activity of the active ingredients such as loss of activity or deleterious effects due to formation of toxic products⁽⁵⁾. Based on the intended usage, cosmetic products include excipients such as alcohol, waxes, lipids, polysaccharides, vitamins, and proteins, which are also nutrients for microbial growth⁽⁶⁾. Some cosmetics may cause slight trauma in the area of application, which can increase the risk of microbial infection⁽⁷⁾.

Although the use of GMPs and preservatives restricts microbial growth, many cosmetic products are still reported for microbial contamination⁽⁸⁾. According to the notes of guidance for cosmetic products issued by the Scientific Committee on Consumer Products (SCCP), there are two different categories of cosmetic products: (a) products for children under 3 years old or products to be applied to the eye area or mucous membranes and (b) other cosmetic products.

Products in category 1 should contain no more than 102 CFUs of aerobic mesophilic microorganisms per milliliter or gram, and for other products, the limit is 103 CFUs per milliliter or gram. For category 2 products, *E. coli*, *P. aeruginosa*, *S. aureus*, and *C. albicans* must not be detectable in 0.1 ml or 0.5 g and in 0.1 ml/or g/ml of the product^(8, 17).

Trying to give our own piece of contribution to this area of research, here devoted the efforts toward the formulation of carbopol 934 based transdermal gel of paracetamol nanocapsules. Stability studies are considered as pre-requisites for the acceptance and approval of any pharmaceutical products. The objective of present investigation was to study the stability of the carbopol based transdermal gel of paracetamol nanocapsules. The gel under study was stored on processed primary pack at elevated stress condition i.e.

temperature and humidity. The physicochemical and microbiological parameters were monitored throughout the study at predefined time intervals⁽⁸⁾.

Materials and methods of nanogel formulation

All the materials used were of analytical grade and procured from commercial sources. These are BenzylBenzoate from Loba Chemic Pvt. Ltd, Soya lecithin liquid and Poloxamer 188 from Hi-Media Labs, Mumbai; Poly(D,L-lactide-co-glycolide) from Sigma Aldrich, Paracetamol API, methanol, ethanol, acetone and dichloromethane from Loba Chemic Pvt. Ltd.

Paracetamol were prepared by the interfacial deposition technique proposed by Fessiet *al*⁽⁹⁾. The nanocapsules are essentially an oil-in-water emulsion type. 50 mg of the polymer was dissolved in 50 mL solution containing equal quantity of acetone and ethyl alcohol at stirring speed of 4000 rpm for about 30 minutes that formed the organic phase. 100 mg of soya lecithin liquid was added to the above organic phase maintaining the stirring speed for about an hour. 100 mg of the drug was dissolved in 3 mL of benzyl benzoate was then added dropwise to the above organic mixture.

The stirring was maintained for about an hour. This organic mixture was then progressively added dropwise (1mL/min) through a syringe (0.22 mm) attached to a burette to distilled water (50 mL) containing poloxamer 188 as the stabilizer under constant stirring of about 4000 rpm. This was continued till a fine colloidal dispersion of nanocapsules was formed due to Tyndall effect. Organic solvent (acetone) was subsequently removed by heating under reduced pressure.



Salmonella species

To 10 g of gel, 90 ml of casein soya bean digest broth was added and incubated 35-37°C for 18-24 hours. 1ml of the enrichment culture was transferred to 10 ml of Tetrathionate bile brilliant green broth and incubated at 41-43°C for 18-24 hours. Sub culturing on deoxycholate citrate agar and xylose lysine deoxycholate agar was done and incubated at 35-37°C for 18-72 hours. The probable presence of *Salmonella* was indicated by the development of red colored colonies with or without black centers.

Results and Discussion

The zeta potential was to be -9.8, with scanning electron microscopy data giving the

data around 10 µm and the FTIR data showed that there are no incompatibilities between the excipients used. The accelerated stability study showed that the product is stable for the period of 6 months. The microbiological assay established the absence of common microorganisms.

Total aerobic microbial count (TAMC) and Total combined yeast and mould count (TYMC) are the quantitative microbial tests in the range of not more than 1000 cfu and 100 cfu respectively. The initial, 3 months and 6 months report showed the colony forming unit in the stipulated range, while the qualitative test for specified microorganisms like *Escherichia coli*, *Pseudomonas aeruginosa*, *Staphylococcus aureus* and *Salmonella typhi* were found to be negative.

Table.1 Stability report for prepared paracetamol nanocapsule gel

Storage condition	40°C ± 2°C and 75% ± RH (Accelerated Stability Study)			
Product name	Paracetamol Nanoparticle gel	Pack weight	50 g	
Mfg date	23/11/2018	Mfg site address	Shri Bherulal Pharmacy Institute, Indore	
Test	Acceptance criteria	Initial	3 M	6M
Description	Light yellow color	Complies	Complies	Complies
Identification Drug content by UV spectroscopy		92.7 ± 0.65	89.1 ± 0.32	89.0 ± 0.20
Microbial Evaluation Tests				
Total aerobic microbial count (TAMC)	Not more than 1000 cfu/g	5 cfu/g, complies	23 cfu/g, complies	57 cfu/g, complies
Total combined yeast and mould count (TYMC)	Not more than 100 cfu/g	10 cfu/g, Complies	27 cfu/g, complies	38 cfu/g, complies
Test for Specified Microorganisms				
<i>Escherichia coli</i>	Should be absent /g	Absent	Absent	Absent
<i>Pseudomonas aeruginosa</i>	Should be absent /g	Absent	Absent	Absent
<i>Staphylococcus aureus</i>	Should be absent /g	Absent	Absent	Absent
<i>Salmonella typhi</i>	Should be absent /10g	Absent	Absent	Absent



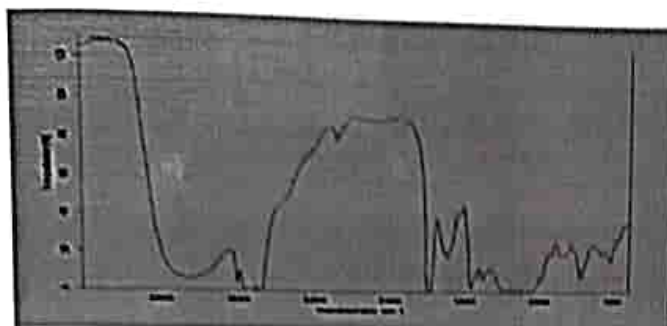


Fig.3 FTIR of benzyl benzoate

Transdermal gel formulation containing paracetamol can be prepared by the interfacial deposition technique using Carbopol 934 as a carrier. *In vitro* drug release data showed better release pattern, better physiochemical characteristics with no skin irritation reactions. Moreover, the accelerated stability test and the microbiological tests assured a stable product.

Acknowledgement

We highly acknowledge the cooperation of Dr Uday Deshpande, Dr Phase, Dr G N Okram and Centre director Dr A Banerjee of UGC, DAE Consortium for their enormous support to use their laboratories for instrumental facilities. We are thankful to the management of Maharaja Ranjit Singh College for their extended support in conducting the microbiological studies.

References

1. Adriana RP, Leticia SF, Rodrigo PS, Alberto MD, Edilson VB, Tania MHC, et al; sodium diclofenac: A new strategy to control the release of drugs. *Int J Pharm*, 2008; 358(1-2); 292-295
2. Bajaj S, Singla D, Sakhuja N. Stability testing of pharmaceutical products. *Journal of Applied Pharmaceutical Science* 2012; 3: 129- 138.
3. Huynh Ba K, Zahn M. Understanding ICH guidelines applicable to stability testing. In; Huynh Ba K. *Handbook of stability testing in pharmaceutical development: regulations, methodologies and best practices*. New York: Springer science and business media; 2009, 21-41.
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11. Harrison LA. Microbial degradation of cellulose polymers used in cosmetics and



Maharaja Ranjit Singh College of Professional Sciences,
Certificate/Research Course

MRSC/LS/13/RO/-

Application form



Title: Mr. Ms. Mrs.

Name: Shivani Khosare

Gender: Male Female

Category: Student Teacher Researcher

Institution Address: Shri Bherulal Pharmacy Institute

Contact Address: Gokhama Near By choti Kani 8435793707

Email: Shivani.khosare0@gmail.com Mobile No: 9993977274

Qualification: B.Sc. M.Sc. Other: B. Pharmacy

Work Experience in School/College Education:UG.....yrs PG..... yrs

Mode of Payment: Cash/Cheque/Draft
In favour of "Principal, Maharaja Ranjit Singh College, Indore"

Kindly fill-in your payment details here:

(It is advisable to upload the scanned copies of the payment document)

Bank Draft: Amount....3000..... Date ...07/01/2020.
Draft Details.....Cash.....

AM Received
[Signature]

Signature: [Signature]



Letter of Collaboration

Between

Department of Biosciences

Maharaja Ranjit Singh College of Professional Sciences, Indore, M. P.,
And

Department of Botany

Government Holkar Science College, Indore, M. P., INDIA
INDIA.

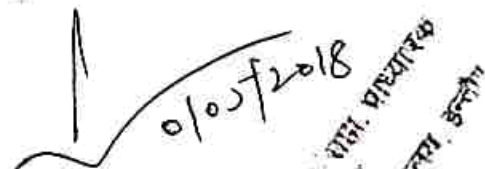
This letter of collaboration is between Department of Biosciences, Maharaja Ranjit Singh College of Professional Sciences, Indore, M. P., INDIA and Department of Botany Government Holkar Science College, Indore, M.P., INDIA for research purpose.

This agreement states that Ms. Neeranjana Mehra is a Ph. D. student registered with Dr. N. K. Jain in Faculty of Botany and is working on Phytochemical and antimicrobial studies of some wild and cultivated species of *Curcuma* and their synergistic activity on some drug resistant microbes. She shall be performing the antimicrobial studies under the guidance of Prof. Sheetal Bhasin at Department of Biosciences, Maharaja Ranjit Singh College of Professional Sciences, Indore. The publications and research presentations, reporting the findings done under this collaboration shall be coauthored by both the institutions.



HEAD

Department of Biosciences
Maharaja Ranjit Singh College
of Professional Sciences,
INDORE
Prof. Dr. Sheetal Bhasin
Head
Department of Biosciences
Maharaja Ranjit Singh College
of Professional Sciences, Indore,
M. P.
INDIA


01/05/2018
Dr. N. K. Jain
Professor
Department of Botany
Government Holkar Science
College, Indore, M. P.
INDIA





Maharaja Ranjit Singh College of Professional Sciences, Indore-17, India
Certificate/Research Course

MRSC/LS/13/RO/-

Application form



NEERANJNA MEHRA
05-01-2017

Title: Mr. Ms. Mrs.

Name: Neeranjna Mehra

Gender: Male Female

Category: Student Teacher Researcher

Institution Address: Holkar Science College Indore.

Contact Address: 94, Mahadev Totlo nagar Indore.

Email: neetichoharey@gmail.com Mobile No: 9826711966

Qualification: B.Sc. M.Sc. Other: B.ed.

Work Experience in School/College Education:UG.....yrs PG..... yrs

Mode of Payment: Cash/ Cheque/ Draft
In favour of "Principal, Maharaja Ranjit Singh College, Indore"

Kindly fill-in your payment details here:

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Bank Draft: Amount...5000/-..... Date 01/5/2018.....

Draft Details.....

RN-109844
R

Signature: Neeranjna



To,

Date. 1/5/18

The principal
Maharaja Hanjeet Singh College
Indore.

Subject - Regarding permission for performing few
microbiological experiment in microbiology lab.

Sir,

With due respect, I state that I Neehanjna Mehra
doing Ph.D. under supervision of Dr. N.K Jain
(Botany dept) from Holkar Science College Indore.
In my research have to perform some microbiological
experiment. For this purpose I want to get permission
to conduct my experiments from Maharaja Hanjeet
Singh college Indore with help and guidance of
Dr. Sheetal Bhaseen mam in microbiology lab.

Thanking you

(Dr. N.K Jain)
Supervisor

Dr. N. K. Jain

(Botany dept.)
Holkar Science College
Indore.

Mehra
Applicant

Neehanjna Mehra

Permitted
for lab work
1/5/18
Lab

Dr. Sheetal Bhaseen
1/5/18
विभागाध्यक्ष
अणुजीव विभाग
डा. शीला भिमान, महा. इंदौर



Letter of Collaboration

A collaborative research will be undertaken with mutually agreed terms between

**Department of Biosciences
Maharaja Ranjit Singh College of Professional Sciences
Indore**

And

**Department of Public Health Dentistry,
Sri Aurobindo College of Dentistry,
Indore**

A research work titled – "Comparative Evaluation Of Caries Experience And Related Risk Factors Among Twin Siblings Of Indore Region, India ." is being conducted by Dr.Chirag Vyas, post graduate student of Department of Public Health Dentistry, Indore. The study is planned to be conducted for a duration of 3 months from September 2019.

As a part of this study, which requires microbial analysis of the saliva samples collected, both the above mentioned departments would like to collaborate and conduct. The researcher would work under the supervision of the departmental heads and would report the outcome of the research work to the concerned authority.

We wish the best for the current research work and would look forward for future research collaborations.

Department of Biosciences
Maharaja Ranjit Singh College
Of Professional Sciences
Indore

Dr. Sheetal Bhasin
HEAD
Department of Biosciences
Maharaja Ranjit Singh College
Of Professional Sciences,
INDORE

Department of Public Health Dentistry,
Sri Aurobindo College of Dentistry,
Indore

Dr. Sandesh N
Professor & H.O.D.
Dept. of Public Health Dentistry
Sri Aurobindo College of Dentistry





Maharaja Ranjit Singh College of Professional Sciences, Indore-17, India
Certificate/Research Course

MRSC/LS/13/RO/-

Application form



Title: Mr. <input checked="" type="checkbox"/> Ms. <input type="checkbox"/> Mrs. <input type="checkbox"/>
Name: Dr. CHIRAG VYASA
Gender: Male <input checked="" type="checkbox"/> Female <input type="checkbox"/>
Category: Student <input checked="" type="checkbox"/> Teacher <input type="checkbox"/> Researcher <input type="checkbox"/>
Institution Address: Sri Anubindo college of Dentistry, Indore - Wain road, Bhawrasla.
Contact Address: 511 M.G Road, Indore (M.P)
Email: Chiragvyasa11@gmail.com Mobile No: 7869298321
Qualification: B.Sc. <input type="checkbox"/> M.Sc. <input type="checkbox"/> Other: BDS
Work Experience in School/College Education:UG.....yrs PG..... yrs
Mode of Payment: <input checked="" type="checkbox"/> Cash/ <input type="checkbox"/> Cheque/ <input type="checkbox"/> Draft In favour of "Principal, Maharaja Ranjit Singh College, Indore"

Kindly fill-in your payment details here:

(It is advisable to upload the scanned copies of the payment document)

Bank Draft: Amount. 12,000 Date 16/Sep/2019

Draft Details.....

Signature:



Letter of Collaboration

between

Maharaja Ranjit Singh College of Professional Sciences, Indore, M. P., INDIA

And

Mata Gujri College of Professional Studies, Indore, M. P. INDIA

This letter of collaboration is between Maharaja Ranjit Singh College of Professional Sciences, Indore, M. P., INDIA and Mata Gujri College of Professional Studies, Indore, M. P., INDIA for research and academic purposes.

This memorandum of agreement is made on 10th of August 2016 valid till a period of four years.

Maharaja Ranjit Singh College of Professional Sciences, Indore is an educational institute which runs Post Graduate and Graduate Courses in Science, Commerce and Management affiliated to Devi Ahilya Vishwavidhyalaya and approved by UGC.

Mata Gujri College of Professional Studies, Indore is sponsored by Guru Tegh Bahadur Charitable Trust which is a voluntary non-political and non-profitable organization registered with the M.P. State and central government of India as a charity and surplus income over expenditure being devoted to the cause of education and health.

This letter of collaboration sets out nature and scope of cooperation between the parties which will include technical expertise sharing, student exchange, research and training and career counselling.

The candidate has to follow the code of conduct of the institute and rules and regulations of the department in which he/she is working.

Principal

Prof. (Dr.) Anand Nighojkar

Maharaja Ranjit Singh College of Professional Sciences, Indore, M. P., INDIA

PRINCIPAL

Maharaja Ranjit Singh College of Professional Sciences, Khandwa Road, INDORE

Principal

Prof. (Dr.) Mamta Srivastav

Mata Gujri College of Professional Studies, Indore, M. P. INDIA

PRINCIPAL



Faculty Exchange Agreement
Between
Maharaja Ranjit Singh College of Professional Sciences, Indore
And
Mata Gujri College of Professional Studies, Indore, MP

In recognition of the mutual benefits of academic interaction between them, and in the spirit of mutual cooperation and understanding, Maharaja Ranjit Singh College of Professional Sciences, Indore, MP and Mata Gujri College of Professional Studies, Indore, MP, agree to this agreement for the purpose of exchanging teaching faculty. Within the framework of this exchange, "home institution" will mean the institution in which a faculty is formally employed, and "host institution" will mean the institution that has agreed to receive faculty from the home institution for a period of time.

Article 1: Goal of the agreement:

The goal of this agreement is the exchange of teaching staff between Maharaja Ranjit Singh College of Professional Sciences, Indore, MP and Mata Gujri College of Professional Studies, Indore, MP in order to enhance learning, teaching methods and sharing of knowledge between the two institutions.

Article 2: Exchange faculty:

Exchange Faculty will be employees of the Home Institution, and will be remunerated by the Host Institution. Exchange Faculty will be fully qualified in all respects according to the standards of the Home Institution. Exchange Faculty will be subject to the policies, rules and regulations of the Host Institution for the duration of exchange.

Article 3: Duties and responsibilities:

Exchange faculty will serve as part-time faculty members (visiting faculty members) under the direction of the host institution.

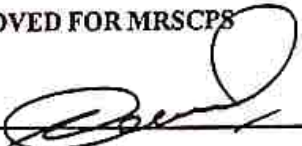
Article 4: Compensation and benefits:

The home institution shall pay the compensation and benefits to the exchange faculty members as per their norms.

Article 5: Extension, Modification or Termination of the agreement:

This agreement will be effective upon its mutual signing and remain in effect for a period of 4 years.

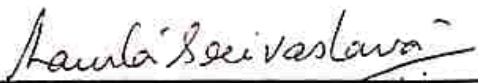
APPROVED FOR MRSCPS



Date 2/7/2016

PRINCIPAL
Maharaja Ranjit Singh College
of Professional Sciences,
Khandwa Road, INDORE

APPROVED FOR MGCPs



Date 2/07/2016

PRINCIPAL
Mata Gujri College
of Professional Studies,
INDORE





MRSC
Empowering Education
Since 1994

Maharaja Ranjit Singh College of Professional Science, Indore

Hemkunt Campus, Near IET-DAVV, Khandwa Road, Indore (M.P.)-452 001 INDIA

(Run by Indo Friends Foundation Trust a Reg. No. 283 dated 15.05.87)
Approved by Govt. of M.P. and AKTE DePv and Affiliated to DAVV Indore & RJPV Bhopal UGC Recognized in 2011

22/07/19

To,

The Principal
Mata Gujri College
of Professional Studies, Indore

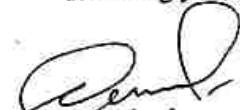
Subject: Teachers appointment under Faculty Exchange Program for session 2019-2020.

Respected Ma'am,

With reference to our agreement dated 2nd July, 2016 for faculty exchange, we request you to permit the following teachers for conducting classes of the following subjects.

Class	Paper	Name of Faculty
M. Sc. Biotechnology Sem I	Biochemistry	Dr. Sadhana Nighojkar
M. Sc. Microbiology Sem I	Microbial Biochemistry	Dr. Sadhana Nighojkar
M. Sc. Biotechnology Sem I	Bioinformatics and Biostatistics	Prof. Manisha Pathrol
M. Sc. Biotechnology Sem II	Analytical Techniques	Dr. Sadhana Nighojkar
M. Sc. Microbiology Sem II	Instrumentation	Dr. Sadhana Nighojkar
M. Sc. Microbiology Sem III	Bioinformatics and Biostatistics	Prof. Manisha Pathrol
M. Sc. Biotechnology Sem III	Enzyme Technology	Dr. Sadhana Nighojkar

Thanking you,


Principal



www.mrscindore.org

Phone : +91-731-2364151, +91-731-2364184
99260 03874, 99775 39505, 99269 09505
e-mail : indoremrsc@yahoo.com



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Hemkunt Campus, Near IET-DAVV, Khandwa Road, Indore (M.P.)-452 001 INDIA

(Run by Indr Friends Foundation Trust & Reg. No. 283 dated 15.09.87)
Approved by Govt. of M.P. and AKTE Delhi and Affiliated to DAVV Indore & RGPV Bhopal. UGC Recognized in 21/1

22/07/19

To,

The Principal
Mata Gujri College
of Professional Studies, Indore

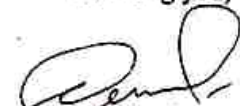
Subject: Teachers appointment under Faculty Exchange Program for session 2019-2020.

Respected Ma'am,

With reference to our agreement dated 2nd July, 2016 for faculty exchange, we request you to permit the following teachers for conducting classes of the following subjects.

Class	Paper	Name of Faculty
M. Sc. Biotechnology Sem I	Biochemistry	Dr. Sadhana Nighojkar
M. Sc. Microbiology Sem I	Microbial Biochemistry	Dr. Sadhana Nighojkar
M. Sc. Biotechnology Sem I	Bioinformatics and Biostatistics	Prof. Manisha Pathrol
M. Sc. Biotechnology Sem II	Analytical Techniques	Dr. Sadhana Nighojkar
M. Sc. Microbiology Sem II	Instrumentation	Dr. Sadhana Nighojkar
M. Sc. Microbiology Sem III	Bioinformatics and Biostatistics	Prof. Manisha Pathrol
M. Sc. Biotechnology Sem III	Enzyme Technology	Dr. Sadhana Nighojkar

Thanking you,


Principal



Phone : +91-731-2364151, +91-731-2364184
99260 03874, 99775 39505, 99269 09505
e-mail : indoremrsc@yahoo.com

www.mrscindore.org



MATA GUJRI COLLEGE OF PROFESSIONAL STUDIES

Indore

24/07/19

To,

The Principal
Mata Gujri College of Professional Studies,
Indore

Subject: Teachers appointment under Faculty Exchange Program for session 2019-2020.

Respected Sir,

With reference to our agreement dt. 2nd July, 2016 for faculty exchange, we request you to permit the following teachers for conducting classes of the following subjects.

Prof. Mahima Jain - Physics

Lab Assistant - Physics Practical

Thanking you,

Mahima Jain

Principal

PRINCIPAL,
Mata Gujri College
of Professional Studies,
INDORE



• Mata Gujri Campus, Mata Gujri BRTS Stop
Near Bhanwarkuwa, A.B. Road, Indore (M.P.)
• Tel. : 0731-4048833, 2764871

• e-mail : mgcpsindore@gmail.com
mggc_indore@yahoo.co.in
• Website: www.mgcindore.org



Empowering Education
Since 1994

Maharaja Ranjit Singh College of Professional Science, Indore

Hemkunt Campus, Near IET DAVV, Khandwa Road, Indore (M.P.)-452 001 (INDIA)

(Run by Shri Friends Foundation Trust & Reg. No. 281 dated 15/05/87)

Approved by Govt. of M.P. and AICTE Dept. and Affiliated to DAVV Indore & RGPV Bhopal. UGC Recognized in 2011

17/07/18

To,

The Principal
Mata Gujri College of Professional Studies, Indore


Subject: Teachers appointment under Faculty Exchange Program for session 2018-2019.

Respected Ma'am,

With reference to our agreement Dated 2nd July, 2016 for faculty exchange, we request you to permit the following teachers for conducting classes of the following subjects.

Class	Paper	Name of Faculty
M. Sc. Biotechnology Sem I	Biochemistry	Dr. Sadhana Nighojkar
M. Sc. Microbiology Sem I	Microbial Biochemistry	Dr. Sadhana Nighojkar
M. Sc. Biotechnology Sem II	Analytical Techniques	Dr. Sadhana Nighojkar
M. Sc. Microbiology Sem II	Instrumentation	Dr. Sadhana Nighojkar
M. Sc. Biotechnology Sem III	Enzyme Technology	Dr. Sadhana Nighojkar

Thanking you,


Principal



www.mrscindore.org

Phone : +91-731-2364151, +91-731-2364184
99260 03874, 99775 39505, 99269 09505
e-mail : indoremrsc@yahoo.com



MATA GUJRI COLLEGE OF PROFESSIONAL STUDIES Indore

23/07/18

To,
**The Principal
Maharaja Ranjit Singh College of Professional Sciences,
Indore**

Subject: Teachers appointment under Faculty Exchange Program for session 2018-2019.

Respected Sir,

With reference to our agreement dt. 2nd July, 2016 for faculty exchange, we request you to permit the following teachers for conducting classes of the following subjects.

- Prof. Mahima Jain – Physics
- Lab Assistant - Physics Practical

Thanking you,

Harshita Devi Varshney
Principal

PRINCIPAL
Mata Gujri College
of Professional Studies
INDORE



Mata Gujri Campus, Mata Gujri BRTS Stop
Near Bhanwarkuwa, A.B. Road, Indore (M.P.)
• Tel. : 0731-4048833, 2764871

• e-mail : mgcpsindore@gmail.com
mggc_indore@yahoo.co.in
• Website : www.mgcindore.org



MATA GUJRI COLLEGE OF PROFESSIONAL STUDIES Indore

07/07/17

To,
The Principal
Maharaja Ranjit Singh College of Professional Sciences,
Indore

Subject: Teachers appointment under Faculty Exchange Program for session 2017-2018.

Respected Sir,

With reference to our agreement dt. 2nd July, 2016 for faculty exchange, we request you to permit the following teachers for conducting classes of the following subjects.

Prof. Mahima Jain – Physics
Lab Assistant - Physics Practical

Thanking you,

Mahima Jain

Principal
PRINCIPAL
Mata Gujri College
of Professional Studies
INDORE



Mata Gujri Campus, Mata Gujri BRTS Stop
Near Bhanwarkuwa, A.B. Road, Indore (M.P.)
Tel. : 0731-4048833, 2754871

• e-mail : mgcpsindore@gmail.com
mggc_indore@yahoo.co.in
• Website : www.mgcindore.org



MRSC
Empowering Education
Since 1994

Maharaja Ranjit Singh College of Professional Science, Indore

Hemkunt Campus, Near IIT DAVV, Khandwa Road, Indore (M.P.)-452 001 (INDIA)

(Run by Sri's Friends Foundation, Trust & Reg. No. 283 dated 19.08.87)
Approved by Govt. of M.P. and MCTE Datta and Affiliated to DAVV Indore & DAVV Bhopal. UGC Recognized & J.D.

10/07/17

To,

The Principal
Mata Gujri College of Professional Studies, Indore

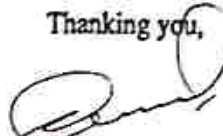
Subject: Teachers appointment under Faculty Exchange Program for session 2017-2018.

Respected Ma'am,

With reference to our agreement dt. 2nd July, 2016 for faculty exchange, we request you to permit the following teachers for conducting classes of the following subjects.

Class	Paper	Name of Faculty
M. Sc. Biotechnology Sem I	Biochemistry	Dr. Sadhan aNighojkar
M. Sc. Microbiology Sem I	Microbial Biochemistry	Dr. Sadhana Nighojkar
M. Sc. Biotechnology Sem I	Bioinformatics and Biostatistics	Prof. Pooja Tiwari
M. Sc. Biotechnology Sem II	Analytical Techniques	Dr. Sadhana Nighojkar
M. Sc. Microbiology Sem II	Instrumentation	Dr. SadhanaNighojkar
M. Sc. Microbiology Sem III	Bioinformatics and Biostatistics	Prof. Pooja Tiwari
M. Sc. Biotechnology Sem III	Enzyme Technology	Dr. Sadhana Nighojkar

Thanking you,


Principal





Maharaja Ranjit Singh College of Professional Science, Indore

Hemkunt Campus, Near IET-DAVV, Khandwa Road, Indore (M.P.)-452 001 INDIA

(Run by Indo Friends Foundation Trust & Reg. No. 283 dated 15.05.87)
Approved by Govt. of M.P. and AICTE Delhi and Affiliated to DAVV Indore & RGPV Bhopal. UGC Recognized in 2011

14/07/16

To,

The Principal
Mata Gujri College of Professional Studies, Indore

Subject: Teachers appointment under Faculty Exchange Program for session 2016-2017.

Respected Ma'am,

With reference to our agreement Dated 2nd July, 2016 for faculty exchange, we request you to permit the following teachers for conducting classes of the following subjects.

Class	Paper	Name of Faculty
M. Sc. Biotechnology Sem I	Biochemistry	Dr. Sadhana Nighojkar
M. Sc. Microbiology Sem I	Microbial Biochemistry	Dr. Sadhana Nighojkar
M. Sc. Biotechnology Sem I	Bioinformatics and Biostatistics	Prof. Pooja Tiwari
M. Sc. Biotechnology Sem II	Analytical Techniques	Dr. Sadhana Nighojkar
M. Sc. Microbiology Sem II	Instrumentation	Dr. Sadhana Nighojkar
M. Sc. Microbiology Sem III	Bioinformatics and Biostatistics	Prof. Pooja Tiwari
M. Sc. Biotechnology Sem III	Enzyme Technology	Dr. Sadhana Nighojkar

Thanking you,

Principal





MATA GUJRI COLLEGE OF PROFESSIONAL STUDIES

Indore

18/07/16

To,

**The Principal
Maharaja Ranjit Singh College of Professional Sciences,
Indore**

Subject: Teachers appointment under Faculty Exchange Program for session 2016-2017.

Respected Sir,

With reference to our agreement dt. 2nd July, 2016 for faculty exchange, we request you to permit the following teachers for conducting classes of the following subjects.

Prof. Mahima Jain – Physics

Lab Assistant - Physics Practical

Thanking you,

Manila Kesiraskava

Principal

PRINCIPAL
MATA GUJRI COLLEGE
OF PROFESSIONAL STUDIES
INDORE



• Mata Gujri Campus, Mata Gujri BRTS Stop
Near Bhanwarkuwa, A.B. Road, Indore (M.P.)
• Tel. : 0731-4048833, 2764871

• e-mail : mgcpsindore@gmail.com
mggc_indore@yahoo.co.in
• Website : www.mgcindore.org

Letter of Collaboration

between

Maharaja Ranjit Singh College of Professional Sciences, Indore, M. P., INDIA

And

Guru Harkishan Public School, Indore, M. P. INDIA

This letter of collaboration is between Maharaja Ranjit Singh College of Professional Sciences Indore, M. P., INDIA and Guru Harkrishan Public School, Indore, M. P., INDIA for academic purposes.

This memorandum of agreement is made on 17th August 2018 valid till both parties hold consensus.

Maharaja Ranjit Singh College of Professional Sciences is an educational institute which runs Post Graduate and Graduate Courses in Science, Commerce, Management and Arts affiliated to Devi Ahilya Vishwavidhyalaya and approved by UGC.

Guru Harkrishan Public School, Khandwa road, Indore was set up in 1981 and is affiliated to CBSE Delhi. It is a co-education day boarders' school and believes in imparting quality education emphasizing on physical, intellectual, emotional and spiritual growth of the students.

This letter of collaboration sets out nature and scope of cooperation between the parties which will include technical expertise sharing, student exchange, research and training and career counselling.

The candidate has to follow the code of conduct of the institute and rules and regulations of the department in which he/she is working.

Principal
Prof. (Dr.) Anand Nighojkar
Maharaja Ranjit Singh College of
Professional Sciences, Indore, M. P.,
INDIA

Principal
Mr. Rajesh Sharma
Guru Harkrishan Public School,
Khandwa road, Indore, M. P.,
INDIA
Guru Harkrishan Public School,
INDORE (M. P.)



MAHARAJA RANJIT SINGH COLLEGE OF PROFESSIONAL SCIENCES

DEPARTMENT OF BIOSCIENCES

Guru Harkishan Public school, Indore

S.No.	Name	Class	18/11/19	19/11/19	23/11/19	25/11/19	07/01/20
1	Vijay Singh Rawat	XII A	Rawat	Rawat	Rawat	-	-
2	Devendra Silwadiya	XII B	Rawat	Rawat	Rawat	Rawat	Rawat
3	Nikita Mehto	XII B	Nikita	Nikita	Nikita	-	Nikita
4	Preksha Meda	XII B	Meda	Meda	Meda	Meda	Meda
5	Kanak Pejapat	XII B	-	-	-	-	Kanak



Maharaja Ranjit Singh College of Professional Sciences, Indore
Department of Biosciences

Workshop on "Microbial Biotechnology"
for
Guru Harkishan Public School, Indore

Date: 19th to 24th November, 2018

S. No.	Name	19/11/18	20/11/18	22/11/18	24/11/18
1	Vijay Singh Rawat	Rawat	Rawat	Rawat	Rawat
2.	Demendra Diloadiya	Demendra	Demendra	Demendra	Demendra
3.	prerna mehta	Prerna	Prerna	Prerna	Prerna
4.	Nikita Mehta	Nikita	Nikita	Nikita	Nikita
5.	Kanak Prayapat	Kanak	Kanak	Kanak	Kanak



Letter of Collaboration

Between

Maharaja Ranjit Singh College of Professional Sciences, Indore, M. P., INDIA

And

Cyano pharma Pvt. Ltd. Indore, M. P., INDIA

This memorandum of agreement is made on 6th of July 2015 valid till both parties hold consensus.

Maharaja Ranjit Singh College of Professional Sciences has been established in 1994 by the Indo Friends Foundation Trust, Indore. The Indo Friends Foundation is a voluntary, non-political, nonprofit making organization registered with the Government of M.P. The college offers post-graduate and graduate level courses in Biological sciences, chemical sciences, commerce and management.

Cyano Pharma (P) Ltd; is one of India's leading manufacturers of generic allopathic pharma formulations having sections of Tablets, Capsules, Oral Liquid, External Liquids, Ointments, Powders, (O.R.S.) etc. Company is state GMP. It supplies products to Health Departments of numerous states in Domestic market. Company is also involved in exporting in various country.

This collaboration establishes cooperation between the parties which will include technical expertise sharing, trainings and visits.

Details of the activities performed under this collaboration shall be worked out by mutual consent of both the parties.

Prof. (Dr.) Sheetal Bhasin

Head, Department of Biosciences

Maharaja Ranjit Singh College of Professional Sciences,
Hemkunt Campus Khandwa Road,
Indore, M. P.,

HEAD

Dr. Sheetal Bhasin
Department of Biosciences
Maharaja Ranjit Singh College
Of Professional Sciences,
INDORE

Mr. Pragnesh Shah

Director

Cyano Pharma Pvt. Ltd.,
115-C, Industrial Estate, Pologround,
INDORE - 452015 (INDIA)





Cyano Pharma (P) Ltd.

MANUFACTURING CHEMISTS

115/1, Indore Road Estate, Dehaground, Bhopal - 472 015 (M.P.)

Admin. Office: B-12/3, Indore Road Estate, Dehaground, Indore - 472 015 (M.P.)

Tel: 0731-2426700-2426711 Fax: 0731-2426720 e-mail: cyano-pharma@gmail.com



17-07-2018

To,
Prof. (Dr.) Sheetal Bhasin
Head, Department of Biosciences
Maharaja Ranjit Singh College of Professional Sciences
Khandwa Road
Indore
(M.P.)

Dear Madam

We appreciate your cooperation and guidance for our QC Microbiology in previous years and wish to continue for future assignments. Kindly provide test organism cultures for quality control microbiological tests and guide our official for the required protocols.

P. Khan

Mr. Pragnesh Shah

Director

Cyano Pharma (P) Ltd.;



GST NO. : 23AACCC2242F1ZC

Factory : tel : 91-731-2422453, 2423079 • Email: cyf. •
TIN No. 23610201293 • DUNS No. D&D U M 5310 No. C.

U24232MP2000F1C014072



Cyano Pharma (P) Ltd.

MANUFACTURING CHEMISTS

115-C, Industrial Estate, Pologround, INDORE - 452 015 (INDIA)

Admin Office: B-12/B, Industrial Estate, Pologround, Indore - 452 015 (M.P.)

Tel: 0731-2426700, 2426713 Fax: 0731-2426726 • E-mail: cyanopharma@gmail.com



To

The Principal,

Maharaja Ranjit Singh College of Professional Sciences,

Khandwa Road,

Indore

M. P.

Date :- 07/06/2016

Dear Sir

We are one of the leading manufacturers of pharmaceutical drugs dealing with tablets, capsules, syrups and ointments. We wish to send our newly appointed trainee microbiologist for technical sharing for fundamental microbiological testing at your institute. We have our own microbiology lab to perform required testing and request you to train our microbiologist for the same.

Looking forward for similar associations in future.

Regards



Mr. Pragnesh Shah

Director

Cyano Pharma Pvt. Ltd.

Polo Ground

Indore



Factory : Tel. 91-731-2422453, 2421979 • E-mail : cyanopharma@hotmail.com • www.cyanopharmagroup.com

TIN No. 23610201293 • Duns No. D&BD-U-N-S (R) No. 65-039-5098

Letter of Collaboration

Between

Maharaja Ranjit Singh College of Professional Sciences, Indore

And

Nature Agrocare Private Limited, Indore

This agreement for collaboration is made on 7th day of October 2014 for a period of four years.

Maharaja Ranjit Singh College of Professional Sciences, Indore holds a standing of 20 years. The college offers post-graduate and graduate level courses in Biological sciences, chemical sciences, commerce and management. Research and development activities are integral part of the post graduate departments here. Department of Biosciences is involved in investigating actinobacteria for the production of industrially and environmentally important metabolites, enzymes and bioactive compounds.

Nature Agrocare & Research Pvt. Ltd. (NARPL), Indore is engaged in manufacturing of Bio fertilizers, Bio fungicide, Bio pesticide, Bio compost, Bio stimulant, Micro nutrients etc. The company offers an entire range of eco-friendly products which are non-hazardous to environment.

This agreement establishes a relationship for research collaborative activities, training and field visits between Maharaja Ranjit Singh College of Professional Sciences, Indore and Nature Agrocare Private Limited, Indore. This is an attempt to blend the expertise of professionals at the level of academic research and industry to deliver fruitful results for the society.

The technical guidance on research related to biofertilizers and bioinsecticides shall be provided by both the parties. The preliminary laboratory experimentation shall be conducted at the Department of Biosciences, Maharaja Ranjit Singh College, Indore and field study shall be supervised by M. Nitesh Jasani, Director, Nature Agrocare Ltd.

The IPR developed by the study shall be shared by both the organizations. The publication coming out of this study will be co-authored by both the organisations.

Prof. Dr. Sheetal Bhasin
Head, Department of Biosciences
Maharaja Ranjit Singh College of
Professional Sciences, Indore,
M. P., INDIA

HEAD

Dr. Sheetal Bhasin
Department of Biosciences
Maharaja Ranjit Singh College
Of Professional Sciences
INDORE

Nature Agrocare & Research Pvt. Ltd.

Nitesh Jasani
Director

Mr. Nitesh Jasani
Director
Nature Agrocare & Research
Private Limited., Indore,
M. P., INDIA





Empowering Education
Since 1994

of Professional Science, Indore

Hemkunt Campus, Near IET-DAVV, Khandwa Road, Indore (M.P.)-452 001 INDIA

(Run by Indo Friends Foundation Trust a Reg. No. 283 dated 18.05.87)
Approved by Govt. of M.P. and AICTE Delhi and Affiliated to DAVV Indore & RGPV Bhopal, UGC Recognized in 2011

Certificate

This is to certify that the project entitled "Biocontrol of Phytopathogenic Fungi by Actinobacteria" is an authentic work done by Mr. Ashish Vikey, student of M.Sc. Microbiology Sem IV. This report is submitted for the research project done for the award of Master Degree.

He has worked under my guidance in the Department of Biosciences, Maharaja Ranjit Singh College of Professional Sciences, Indore. The findings reported here are authentic.

Dr. Anand Nighojkar

Principal

Dr. Milind Ratnaparkhe.

External Examiner

30/5/2019

Dr. Sheetal Bhasin

Guide

Nature Agrocare & Research Pvt. Ltd.

Nitesh Jasani
Director

Mr. Nitesh Jasani


Co-Guide





Certificate


This is to certify that the project entitled "Cowlogy: Natural Remedies for Ailments by a Productive Mother" is an authentic work done by Mr. Aishwary Mehta, student of M.Sc. Biotechnology Sem IV. This report is submitted for the research project done for the award of Master Degree.

He has worked under my guidance in the Department of Biosciences, Maharaja Ranjit Singh College of Professional Sciences, Indore. The findings reported here are authentic.


Prof. (Dr.) Anand Nighojkar
Principal


External Examiner
DR. MILIND RATNAPARKHE


25/6/2019
Prof. (Dr.) Sheetal Bhasin
Guide

Nature Agrocare & Research Pvt. Ltd.

Mr. Nitesh Jaisani
Director
Co-Guide



Certificate

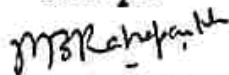
This is to certify that the project entitled "Studies on Plant Growth Promoting Effect of Actinobacteria" is an authentic work done by Mr. Ankush Rathore, student of M.Sc. Microbiology Sem IV. This report is submitted for the research project done for the award of Master Degree.

He has worked under my guidance in the Department of Biosciences, Maharaja Ranjit Singh College of Professional Sciences, Indore. The findings reported here are authentic.



Dr. Anand Nigohjkar

Principal



Dr. Milind Ratnaparkhe.

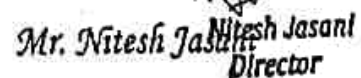
External Examiner


30/5/2019

Dr. Sheetal Bhasin

Guide

Nature Agrocare & Research Pvt. Ltd.


Nitesh Jasani
Director

Co-Guide





**Maharaja Ranjit Singh College of Professional
Sciences, Indore, M. P., INDIA**

(Affiliated to DAVV, Indore and RGPV, Bhopal, website: www.mrciindore.org)



To
Mr. Nitesh Jasani
Director,
Nature Agrocare Pvt. Ltd.
Indore
M. P.

Dear Sir,

Greetings for the Day

Students working on collaborative research projects between Maharaja Ranjit Singh College, Indore and Nature Agrocare Pvt. Ltd., Indore need to perform morphological analysis of Actinobacterial isolates on Phase Contrast Microscope located at Nature Agrocare Pvt. Ltd., Indore. Kindly allow these students to perform the analysis 15-5-19.

Sheetal Bhasin
19/5/2019

Dr. Sheetal Bhasin

Head, Department of Biosciences

Maharaja Ranjit Singh College of Professional Sciences

Indore

M. P.



Nature Agrocare & RESEARCH PVT. LTD.

सम्पूर्ण पोषण एवं सुरक्षा का वादा



To,

22-4-19

Dr. Sheetal Bhasin

Head, Department of Lifesciences

Maharaja Ranjit Singh College of Professional Sciences

Hemkunt Campus, Khandwa Road,

Indore, M. P.

This is in reference to our earlier communication on industrial fermentor design; as you are already aware that we are in process of finalizing the purchase of a fermentor, we want to schedule a meeting on 2nd of May 2019 for thorough discussion on various attachments and instrumentation before purchasing the equipment.

Regards

Nature Agrocare & Research Pvt. Ltd.

Nitesh Jasani
Director

Nature Agrocare & Research Pvt. Ltd.
Indore (M. P.) Director



Maharaja Ranjit Singh College of Professional Sciences, Indore
Department of Biosciences

12/05/2016

To,
The Director,
Nature Agrocare Pvt. Ltd.

Dear Sir,

With great pleasure, we wish to inform you that we are running M. Sc. and B. Sc. (Biotechnology and Microbiology) courses in the Department of Biosciences, Maharaja Ranjit Singh College of Professional Sciences, Indore. We want to give practical and industrial exposure to our Post Graduate and Graduate students. For that, your company is most suitable for industrial visit and we are seeking your permission to conduct visit on 18/05/2016.

I hope you will allow us to visit your company. I anticipate a positive response from your end.

Dr. Sheetal Bhasin
Head, Department of Biosciences

Dr. Sheetal Bhasin
Head, Department of Biosciences
Maharaja Ranjit Singh College
of Professional Sciences,
INDORE



Dr. Anand Nighojkar
Principal

PRINCIPAL
Maharaja Ranjit Singh College
of Professional Sciences,
Khandwa Road, INDORE

Letter of Collaboration

Nature Agrocare & RESEARCH PVT. LTD.

वैश्विक कृषि के लिए सुरक्षित और स्वस्थ



Prof. (Dr.) Sheetal Bhasin
Head, Department of Biosciences
Maharaja Ranjit Singh College of Professional Sciences
Khandwa Road
Indore
(M. P.)

Dear Madam

Nature Agrocare & Research Pvt. Ltd. (NARPL) is engaged in manufacturing of Bio fertilizers, Bio fungicide, Bio pesticide, Bio compost, Bio stimulant, Micro nutrients etc. Our motto is to bring a change in current agricultural scenario by educating farmers for organic farming. The company offers an entire range of eco-friendly products which are non-hazardous to environment. We are purchasing a 1000 litre fermenter in order to expand our manufacturing facility. This process requires technical inputs in microbial technology. We invite you to associate with us as a subject expert in fermentation technology and provide consultancy for the same.

Regards

Nature Agrocare & Research Pvt. Ltd.


Nitesh Jasani
Director

Nitesh Jasani
Director
Nature Agrocare & Research Pvt. Ltd.
Indore (M. P.)






Maharaja Ranjit Singh College of Professional Sciences, Indore




*Visit to Shri Biocare Pvt Ltd., Ahmedabad
05/04/2019*



 **Maharaja Ranjit Singh College of Professional Sciences, Indore**

INDUSTRIAL VISIT
"NATURE AGROCARE PVT. LTD."
18TH MAY 2016



Letter of Collaboration

Between

**Maharaja Ranjit Singh College of Professional Sciences, Indore, M. P.,
INDIA**

And

Medicare Hospital & Research Centre, Indore, M. P., INDIA

This Memorandum of agreement for collaboration is made on 27th of April 2019 for a period of two years.

Background

Maharaja Ranjit Singh College of Professional Sciences, Indore, M. P., INDIA has been established in 1994 by the Indo Friends Foundation Trust, Indore. The Indo Friends Foundation is a voluntary, non-political, nonprofit making organization registered with the Government of M.P. The college offers post-graduate and graduate level courses in biological sciences, chemical sciences, commerce and management.

Medicare Hospital & Research Centre, Indore, M. P., INDIA multi-specialty 100 bedded hospital is renowned for its medical expertise, excellent nursing care and quality of diagnostics. The hospital's panel include names of some of the most eminent urologists, orthopaedic surgeons, neurologist, gastroenterologists, gynaecologist, radiologists, pathologists and specialists of Indore.

Purpose

This Memorandum of Understanding establishes a relationship for collaborative activities between Maharaja Ranjit Singh College of Professional Sciences, Indore and Medicare Hospital & Research Centre, Indore.

Collaboration shall include guidance for research projects by experts of both the organizations with prior consent. Technical training of students in relevant departments of hospital and their placement as per hospital's requirement can also be a part of the associative activities. The candidate using any facility in any of the organizations shall be responsible for the required fees. Health awareness and Blood donation camps shall be organized. Any other related academic activities can be planned with consent of both the organizations.

There shall be no legal or financial binding for both the parties for any activity.

All commitments made in this agreement are subject to the availability of appropriated funds and each party's budget priorities.

Prof. (Dr.) Anand Nighojkar

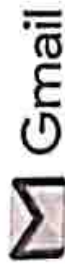
Principal
Maharaja Ranjit Singh College of
Professional Sciences,
Indore, M. P., INDIA

PRINCIPAL

**Maharaja Ranjit Singh College
of Professional Sciences,
Khandwa Road, INDORE**



Dr. Suhas Nirkhivale
M.D. Pathology & Microbiology
Director Clinical Microbiology &
Transfusion medicine
Medicare Hospital & Research Centre
Indore (MP), INDIA



SHEETAL BHASIN <sheetalrhasin@gmail.com>

Campus selection

1 message

Suhas Nirkhivale <drsuhasnirkhivale@gmail.com>
 To: sheetalrhasin@gmail.com

Thu, May 2, 2019 at 1:10 PM

To

Prof. Sheetal Bhasin
 Head, Deptt of Biosciences
 Maharaja Ranjit singh College of Professional Sciences
 Indore

Dear Madam,

I have had the opportunity of recruiting a few of your ex-students from microbiology/biotechnology stream for microbiology work in my clinical laboratory at Greater Kailash Hospital. As I am commissioning a state-of-the-art Clinical Microbiology lab at Medicare Hospital, I am looking for some of your bright students from MSc Microbiology/Biotechnology who are about to be graduated. I would be glad to interview them and if found suitable, to appoint them as Jr. Microbiologist to work in Clinical Microbiology at our hospital.

The student will be expected to have sound concepts as well as practical experience of media preparation, autoclaving, general microbiological procedures like smear preparation, staining and examination, wet microscopy, inoculation, incubation, colony description, biochemical & serological identification, antibiotic sensitivity testing & quality control in microbiology. Student should have good language command, computer skills and communication.

Kindly advise if I can interview a few select candidates from your institution for future appointments.

Regards




Dr. Suhas Nirkhivale
 M.D. (Path & Micro)

**Maharaja Ranjit Singh College of Professional
Sciences, Indore**


Department of Biosciences

Placement Notice

All the students are hereby informed that Clinical Microbiology & Transfusion medicine Medicare Hospital, Indore. They are in the process of extending their clinical microbiology facility. They want to recruit M.Sc. Microbiology or M.Sc. Biotechnology students for the same. Interested students should provide required information in the given format.


HOD, Biosciences
Maharaja Ranjit Singh College
INDORE

2/5/2019


PRINCIPAL
Maharaja Ranjit Singh College
of Professional Sciences,
Khandwa Road, INDORE



Maharaja Ranjit Singh College of Professional Sciences,

Indore

Campus Placement Notice for

Clinical Microbiology & Transfusion medicine Medicare Hospital,

Indore

S.No.	Name	Class	Email id	Contact No.
1.	Ankita Sharma	MSc BT IV ^{sem}	ankitashanvi10@gmail.com	9784820318
2.	Sneha Rathore	MSc MB IV ^{sem}	rathoresneha966@gmail.com	7974697486
3.	Deepali Tripathi	MSc MB IV	deepalitripathi27@gmail.com	9977406155
4.	Himanshu Jain	M.Sc. MB IV	himanshu952@gmail.com	8562803520
5.	Mansi Rai	MSc MB IV	mansi.purety049@gmail.com	7898718476
6.	Asha Panjwani	M.Sc. BT IV ^{sem}	anjaliasha14@gmail.com	8440848487
7.	Sumangal Nandy	M.Sc BT IV ^{sem}	sumangal129@gmail.com	7003391894
8.	Deeksha Khose	M.Sc BT IV ^{sem}	dikshakhose@gmail.com	7354409488
9.	Khyati Jaiswal	M.Sc. MB IV ^{sem}	khyatijaiswal2009@gmail.com	8269672517
10.	Bianomita Chakraborty	M.Sc BT IV ^{sem}	pronomita4@gmail.com	9179291802



Maharaja Ranjit Singh College of Professional Sciences,
Indore

Department of Biosciences

List of students attended campus placement of "Clinical Microbiology &
Transfusion medicine, Medicare Hospital, Indore"

S.No.	Name	Class	Contact No.	
1	Ankita shauma	Msc BT IV Sem.	9784820318	Ankita
2	Deeksha khose	Msc. BT IV sem.	7354409488	Deeksha
3	Deepali Tripathi	M.Sc MB IV Sem	9977406155	Tripathi
4	Pranomita Chakraborty	M.Sc BT IV Sem	9179291802	Pranomi
5	Sumangal Nandy	M.Sc BT IV sem	7003391894	Sumangal
6	Sneha Rathore	M.Sc MB IV sem	7974697486	S. Rathore
7	Ruchi Dubey	M.Sc. BT IV Sem	8120557224	Ruchi Dubey
8	Khyati jaiswal	M.Sc MB IV Sem	8269672517	Khyati
9	Mansi Rai	M.Sc MB IV Sem	7049491247	Mansi
10	Asha Panjwani	M.S.S BT IV Sem	8440848487	Asha



मेडिकेअर हॉस्पिटल एण्ड रिसर्च सेन्टर

(ए युनिट ऑफ लाहोटी मेडीकेअर प्रा.लि.)

4/5, रवीन्द्र नगर, ओल्ड पलासिया,
इन्दौर - 452 018 (म.प्र.)

फोन : 4271600, 2492621, 4065616-17-18



Medicare Hospital & Research Centre

(A unit of Lahoti Medicare Pvt. Ltd.)

4/5, Ravindra Nagar, Old Palasia,
INDORE - 452 018 (M.P.)

Tel. : 4271600, 2492621, 4065616-17-18

E-mail : medicarehospitalindore@gmail.com • Website: medicarehospitalindore.com • Blog : medicareindore.com

"We welcome you to our innovative and dynamic team"

Letter of Appointment

To,
MS.PRANOMITA CHAKRABORTY

Post: - Microbiologist

Department: - Pathology

"Congratulations"

Welcome to Medicare hospital & Research Center, Indore,

We are pleased to offer you employment for the post of Microbiologist with Medicare Hospital & Research Center, Indore.

We are eager to have you as part of our team. We foresee your potential skills as a valuable contribution to our hospital. Your appointment as Microbiologist will be valid from date of your joining service i.e. 16th - OCT-2019

Your remuneration on a cost to company (CTC) basis will be RS. 1,80,000 per Annum. The components of your CTC are detailed in the attached Annexure-1

Your working schedule will be as per requirement of the hospital.

You will be on a probation period of six months. Regular performance review will be conducted to assess your performance and suitability. Your continued employment in Medicare Hospital & Research Center will be depending on your successful completion of the probationary period. However, the period of probation may be extended at the sole discretion of the management.

NOTICE OF TERMINATION

Without any notice during probationary period and thereafter by written notice of one month from either side.

We would like you to resume on your duty and report to HR Department by submitting documents.



मेडिकेअर हॉस्पिटल एण्ड रिसर्च सेन्टर

(ए युनिट ऑफ लाहोटी मेडिकेअर प्रा.लि.)

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You will be governed by the rules & regulation as in force and as may be determined by the management from time to time.

During your employment you will be required to devote your full time and attention to the hospital exclusively. Since it is Hospital having round the clock service to patients, the organization reserves the right to call you on duty at any time if needed. Further you might be transferred to any of the Company's branches as well to transfer to any of the department where your services are required.

You will not undertake any additional employment, further studies or engage yourself in any direct or indirect outside activities without the consent of the hospital.

You will keep all documents and information of the hospital in confidence and will not pass on any information of confidential nature to anybody outside the organization.

That you will be automatically retired without any notice on reaching the age of 58 years. You may be retire even earlier if found medically unfit.

Subject to Indore Jurisdiction.

Any dispute during and after employment, Jurisdiction will be at Indore (M.P.).

Your signing this appointment letter confirms your acceptance of the terms and conditions as above.

Sincerely

Mr. Anil Verulkar (CEO)

Medicare Hospital & Research Center, Indore.

ACKNOWLEDGEMENT & ACCEPTANCE

I have read and understood all the above terms and conditions clearly and I hereby signify my acceptance of the same.

Signature Pannomita





Medicare Hospital & Research Centre

4/5, Ravindra Nagar, Old Palasia, INDORE-452 018 (M.P.)
Ph.:0731-4271600, 2490577, 2492621, 4065816-17-18 • Fax : 4266243
Mobile : 88899-12611, E-mail : medicarohospitalindore@gmail.com
Website : www.medicarohospitalindore.com



- PATHOLOGY
- MICROBIOLOGY
- BIOCHEMISTRY
- BLOOD BANK

To,

The Principal,
Maharaja Ranjeet Singh College of professional sciences,
Indore (M.P.)
Sub:-Regarding organizing a voluntary blood donation camp.

Respected Sir,

We, Lahoti Medicare Blood Bank would like to organize a voluntary blood donation camp in your prestigious college premises on Date 14th Jan 2020. We look forward to your contribution in this noble act of humanity & to spread awareness about regular blood donation.

Thank you.

Your's faithfully

Date: 11.01.2020

Dr.Suhas Nirkhivale (M.D. Path & Micro)

Director of Transfusion Medicine & Microbiology

Lahoti Medicare Blood Bank

Indore





LAHOTI MEDICARE BLOOD BANK

4/5, Ravindra Nagar, Old Palasia, Indore



**Medicare Hospital
& Research Centre**



CERTIFICATE OF APPRECIATION

*We are pleased to appreciate the noble gesture of MAHARAJA RANJIT SINGH
COLLEGE OF PROFESSIONAL SCIENCES for organizing a Voluntary
Blood Donation Camp on JAN 14TH 2020.*

*We are deeply touched and humbled by your kind act. We hope to see you
again next year.*

Thank you very much.

Dr. Rajendra Kumar Lahoti
Director





Maharaja Ranjit Singh College of Professional Sciences, Indore



NSS Unit MRSC



Event Report

Name of event	Blood Donation - Youth Week - Day 2
Date	14/01/2020
Time	10:00 AM Onwards
Place	Counseling Cell

We organized a blood donation camp on the college campus with the help of Medicare Hospital Indore on 14 Jan 2020. Students & Faculties both participated actively. Students having less hemoglobin or weight advised proper diet. To boost energy after blood donation fruit juice and glucose biscuits were distributed. All the students who donated blood received a certificate also. A total of 18 units of blood was collected. Due to less equipment, the entire process took a long time. Medicare also leads the team of Doctors for Blood Donation. Doctors were helpful and supportive. They calm student's curiosity like how they process and preserve blood, how much blood a person can donate, Why a ball is given in hand to exercise etc.



Dr. Sheetal Bhasin, Head -Biosciences Department, who coordinated with the Medisquare team, and Prof. Meenakshi Vyas, Program Officer, who motivated students to donate blood, made this event possible.

Meenakshi
Prof. Meenakshi Vyas
Program Officer



Letter of Collaboration

Between

**Maharaja Ranjit Singh College of Professional Sciences, Indore, M. P.,
INDIA**

And

Volcano Dance Academy, Indore, M. P., INDIA

This Memorandum of agreement for collaboration is made on 14th of July 2015 for a period of five years.

Background

Maharaja Ranjit Singh College of Professional Sciences, Indore, M. P., INDIA holds a standing of 20 years. The college offers post-graduate and graduate level courses in biological sciences, chemical sciences, commerce and management.

Volcano Dance Academy, Indore, M. P., INDIA is an institute engaged in choreography, training students in different kinds of dance forms, production of dance videos and training youngsters for modelling assignments.

Purpose

This collaboration letter establishes a relationship for training our students in different dance forms and other cultural activities organized in the college and also for student participation in other institutes and universities.

Balvir Singh Kushwah and his team shall be choreographing the dance performances. His team shall also be providing music and costumes for the final day event. They shall also groom the students for college level Prince Princess contest also known as Personality Contest. They shall be responsible for complete choreography and presentation of the ballet, all kinds of dance performances, Personality Contest and shall also participate in college social activities. They shall be choreographing thematic performances on social issues, patriotic, classical, folk, contemporary and bollywood forms.

Choreographers shall also be guiding and encouraging students for participating in the inter college and inter university competitions.

There shall be no legal binding for both the parties for any activity.



Prof. (Dr.) Anand Nighojkar

**Principal
Maharaja Ranjit Singh College of
Professional Sciences,
Indore, M. P., INDIA**

PRINCIPAL

**Maharaja Ranjit Singh College
of Professional Sciences,
Khandwa Road, INDORE**



Mr. Balvir Singh Kushwah

**Director
Volcano Dance Academy,
Indore
M. P., INDIA**



TRUST ME YOU CAN DANCE



Maharaja Ranjit Singh College of Professional Sciences, Indore, M. P., INDIA

(Affiliated to DAVV, Indore and RGPV, Bhopal; website: www.mrscindore.org)



To,

02/01/2020

Mr. Balvir Singh Kushwah
Volcano Dance Academy,
Indore
M. P.

Subject: Invitation for Choreography


Dear Sir,

Maharaja Ranjit Singh College of Professional Sciences is hosting its 27th Annual function on Thursday, February 6, 2020. The function will have the following programme.

- Personality Contest
- Dance Performance

We are pleased to invite you as Choreographer for above programme. We believe that you and your team will groom our students and greatly glorify our function.

With Best Regards,


Dr. Anand Nighojkar
Principal





**Maharaja Ranjit Singh College of Professional
Sciences, Indore, M. P., INDIA**

(Affiliated to DAVV, Indore and RGPV, Bhopal; website: www.mrsciindore.org)



To,

21/01/2019

**Mr. Balvir Singh Kushwah
Volcano Dance Academy,
Indore
M. P.**

Subject: Invitation for Choreography

Dear Sir,

Maharaja Ranjit Singh College of Professional Sciences is hosting its 26th Annual function on Saturday, February 23, 2019. The function will have the following programme-

- Personality Contest
- Dance Performance

We are pleased to invite you as Choreographer for above programme. We believe that you and your team's expertise will definitely groom our students and greatly glorify our function.

With Best Regards,

**Dr. Anand Nighojkar
Principal**





**Maharaja Ranjit Singh College of Professional
Sciences, Indore, M. P., INDIA**

(Affiliated to DAVV, Indore and RGPV, Bhopal; website: www.mrscindore.org)



To,

02/01/2018

**Mr. Balvir Singh Kushwah
Volcano Dance Academy,
Indore
M. P.**

Subject: Invitation for Choreography

Dear Sir,

Maharaja Ranjit Singh College of Professional Sciences is hosting its 25th Annual function on Friday, February 09, 2018. The function will have the following programme-

- Personality Contest
- Dance Performance

We are grateful to invite you as a Choreographer for above programmes. We believe that you and your team will groom our students and greatly glorify our function.

With Best Regards,

**Dr. Anant Nighojkar
Principal**





Maharaja Ranjit Singh College of Professional Sciences, Indore, M. P., INDIA

(Affiliated to DAVV, Indore and RGPV, Bhopal; website: www.mrscindore.org)

To,

07/01/2017

Mr. Balvir Singh Kushwah
Volcano Dance Academy,
Indore
M. P.

Subject: Invitation for Choreography

Dear Sir,

Maharaja Ranjit Singh College of Professional Sciences is hosting its 24th Annual function on Friday, February 10, 2017. The function will have the following programme-

- Personality Contest
- Dance Performance

We are pleased to invite you as Choreographer for above programme. We believe that you and your team will groom our students and greatly glorify our function.

With Best Regards,

Dr. Anand Nighojkar
Principal

