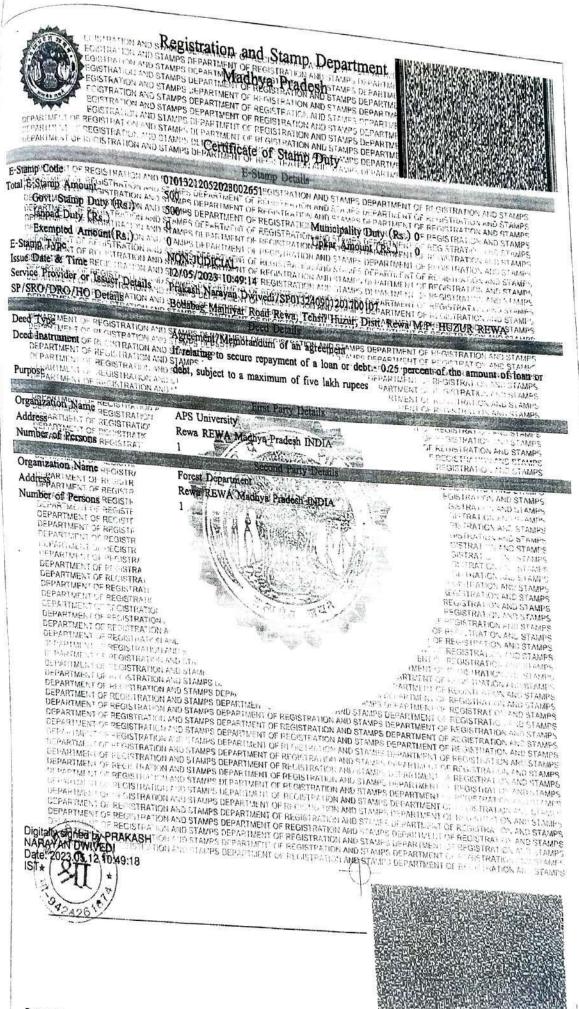




3.7.1: Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship per year

3.7.2: Number of functional MoUs with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the last five years.

Copies of MoUs



कार्या प्रताप सिंह निश्व विद्यालग, सीवा (50,50)

पाथवें से संबंधित जानकारी निम्नानुसार है:--

47	1.	विश्वविद्यालय में पाथवें का निर्माण लगभग 26 एकड़ जमीन में किया गय	त है।
	2.	विश्वविद्यालय में पाथवें की चौड़ाई लगभग 9 ^{1Feet} (Average) है।	
	3.	विश्वविद्यालय में पाथवें की लंबाई लगभग 1.5 किलोमीटर है।	
	4.	विश्वविद्यालय में पाथवें में लगभग 1590 पौधे लगे हुये हैं।	
	5.	विश्वविद्यालय पाथवें से जल निकासी हेतु तीन पुलियों का निर्माण किया अनुमानित एरिया 2500 Sqf हैं।	गया है,
	6.	विश्वविद्यालय पाथवें पर 13 No. कुर्सियों को स्थायी रूप से लगाया गया	きし
	7.	विश्वविद्यालय पाथवें पर सागौन, शीशम, बॉस आदि के पौधे रोपित किरे प्रजातियों के पौधे जैसे, पीले बॉस, कदंब, बोगन विलिया आदि के पौधे	ा गये हैं तथा अन्य लगने शेष हैं।
	8.	विश्वविद्यालय पाथवें में जल संचयन के लिये तीन बड़े—बड़े जलाशयों गया है।	का निर्माण किया
		विश्वविद्यालय का कुल एरिया 256 एकड़ में रोपित पौधो का	विवरण—
	1.	विश्वविद्यालय परिसर में वर्तमान में कुल लगभग 14595=00 पौधे रोपि निम्नानुसार है–	त हैं, जिनका विवरण
		a) विश्वविद्यालय आवासीय कालोनी परिसर में	– 3590=00 पौधे।
		b) विश्वविद्यालय परिसर में तालाब के चारो तरफ	- 3160=00 पौधे।
		c) विश्वविद्यालय शैक्षणिक विभाग एवं प्रशासकीय भवन के चारों तरफ	- 2560=00 पौधे।
		d) विश्वविद्यालय सीमा से लगी हुई भूमियों पर	- 5285=00 पौधे।



-23

12

-1.6

Divisional Forest Office, Rewa (MP)

find Edund

CERTIFICATE

This is to certify that Divisional Forest Office, Govt of Madhya Pradesh has facilitated the plantation of more than 15 thousand tree species in the Campus of Awadhesh Pratap Singh University. Rewa during the last ten years. The Divisional Forest office, Rewa is delighted to see more than 90 percent survivality of those tree species in the Campus.

Aldingly 12/5/2023 **Divisional Forest Office**

Diar

3:17

2000

Rewa (M.P.)

Okulional Former of co

Department of Environmental biology, A.P.S. university Rewa and Forest Department, Rewa, Govt. of Madhya Pradesh.

In order to establish scientific collaboration between Academic institutions and Scientific organization/industries, the Department of Environmental Biology, Awadhesh Pratap Singh University Rewa (hereafter referred as A.P.S.U.) and Forest Department, Rewa, Govt. of Madhya Pradesh (hereafter referred as Forest Department Rewa) in harmony with the spirit of scientific collaboration within the country and to spread front line research in forest ecology, has agreed to sign the following:

1. The A.P.S.U and Forest Department Rewa will endeavor to enhance research activities by facilitating each other for research efforts done under the principle by respecting mutual autonomy.

2. Areas for collaboration between the two parties will revolve issues related to scientific studies in forest ecosystems of Vindhyan region.

3. A.P.S.U and Forest Department Rewa will support the project work of UG and PG students and research work of research scholars leading to Ph.D. degree in terms of providing infrastructural and practical facilities whatsoever.

4. Exchange of ecological information between the two parties for conservation and management of biodiversity of the region.

5. APSU and Forest Department Rewa will facilitate plantation programmes of tree species including medicinal plants in the university campus.

6. Any other matter with mutual cooperation.

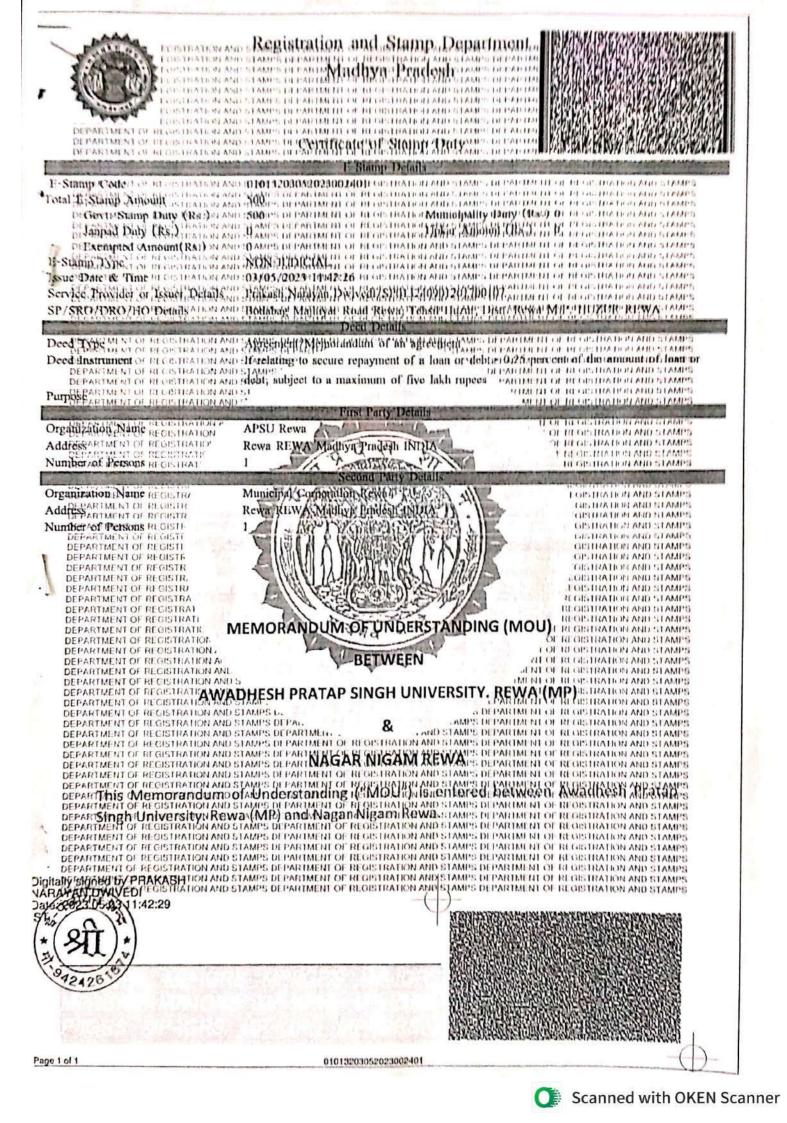
7. This collaboration/cooperation will be for 5 years which can be extended for farther

Qhish. Prof. R.M. Mishra 06/04 212) professor & head

Alle 61412021

Shri Chandrashekhar Singh Divisional Forest Officer Rewa (M.P.)

Divisional Forest Officer Division Rewa (M.P.)



Whereas. Nagar Nigam Rewa and Awadhesh Pratap Singh University. Rewa (MP) are referred to individually as a "Party" and collectively as "Parties" WHEREAS, both parties have come together to collaborate and to maximize the benefits from mutual interests and setting out the working arrangements that each of the entities agree are necessary for successful collaboration NOW. THEREFORE It is hereby agreed by and between the undersigned parties as follows:

ARTICLE I : PURPOSE

The purpose of the collaborative relationship contemplated by this MOU is to offer potential Synergy exchange and to clean the university campus, outer area and residential area with best waste management policy and water recycling programme. This collaboration will also take care of the maintenance of water bodies and their distribution for making University campus green. Best practices on waste management, water recycling and ecosystem development will be considered. The undersigned parties will put forth good faith in providing resources, both tangible and intangible, in assisting the other party in this collaborative relationship to achieve their respective goals.

ARTICLE 2: BACKGROUND OF THE PARTIES

ABOUT AWADHESH PRATAP SINGH UNIVERSITY, REWA (MP)

This university was established on 20th July 1968 as a state university of Madhya Pradesh. The University has been named after a distinguished son of the soil and a freedom fighter Capt. AwadheshPratap Singh, a national leader and the first Prime Minister of Vindhya

2

Pradesh. The university was recognized by the UGC in February 1972. The University is a member of the Association of Indian Universities (AIU) and All Commonwealth Association of Universities (ACAU). The University has 16 teaching departments which offer 49 traditional and professional programmes on self-supporting basis apart from the regular post graduate programmes. We also impart education through nearly 238 affiliated colleges within the University jurisdiction in Anuppur, Rewa, Satna, Shahdol, Sidhi, Singrauli and Umaria districts of Madhya Pradesh. The university also provides education to people in the remote areas through distance learning mode.

ABOUT NAGAR NIGAM REWA

Rewa Municipality Corporation was formed in the form of a municipal corporation in the year 1950. In January 1981, the status of Nagar Palik Nigam was given by the Madhya Pradesh government. At present, Rewa has a total of 45 wards in the city, in which 6 wards are reserved for Schedule Castes and Scheduled Tribes. Rewa Municipal Corporation is responsible for the civic infrastructure and administration of the city of Rewa in Madhya Pradesh state of India.

ARTICLE 3 : EXPECTATIONS & BENEFITS

 The signatories may invite each other to send observers for meetings and conferences organised by them under their auspices in which in the opinion of either signatory the other may have an interest. Invitations shall be subject to the procedures applicable to such meetings or conferences.

3

- The signatories shall at certain interval, keep each other informed of and consult on matters of common interest.
- Each Party agrees to develop the following collaborative activities in the university areas of mutual interest, on the basis of equality and reciprocity:
- 1. Make a best waste management policy for dry and wet waste.
- 2. Maintenance of water bodies and their distribution.
- 3. Dig a pit for the compost manure.
- 4. Fix sign board of nagarnigam for green campus.
- 5. Implementation of best water recycling programme.
- 6. Promoting other academic cooperation as mutually agreed.
- 7. Promoting collaboration in fields of mutual interest
- Each Party agrees to carry out these activities in accordance with the laws and regulations of the respective party after full consultation and approval.
- It is understood that the implementation of any of the types of co-operation stated in Clause 2 shall depend upon the availability of resources and financial support of the Parties concerned.
- Both Parties agree that prior written approval is required before using the otherParty's name, logo, or other Intellectual Property rights in any advertising or associated publicity.
- Should the collaborative waste management and water recycling activities under this MoU result in any potential for green environment each Party shall seek an equitable and fair agreement as to ownership and other property interests that may arise.

4

- This MoU may only be amended or modified by a written agreement signed by the representatives of each Party.
- This MoU is valid for a period of five years from the date of signing by the authorized signatories of each Party. Each Party shall review the status of the MoU at least three months before the end of the five-year period to determine whether it wishes the MoU to continue and, if so, any modifications that might be necessary. The period of validity of this MoU may only be extended by the mutual written consent of both Parties.
- This MoU may, at any time during its period of validity, be terminated by any one of the Parties upon prior notice to the other in writing not later than six months before the termination date.
- The Parties may disclose certain confidential information to the other in relation to any future proposal made under this MoU. Each Party therefore agrees that the contents of this MoU and the negotiations in relation to any future proposal remain strictly confidential and each Party hereby undertakes not to disclose the same to any third Party, save for its professional advisers, without the prior written consent of the other Party except where such disclosure is required by law (including, without limitation, under applicable freedom of information legislation).

ARTICLE 4: DISPUTE SETTLEMENT

The parties are desirous of resolving all differences/disputes between them relating to or arising out of this agreement, through the chief executives or their nominated representatives of the respective parties for which the aggrieved party shall give at least 15 (fifteen) days prior notice to other party to resolve all differences/disputes.

5

ARTICLE 5: NOTICES & ADDRESSES

IN WITNESS WHEREOF the parties have executed and delivered this MOU in two original copies in English language as at the day and year first above written at Rewa.

if of

Signed Awadhesh Pr Elersity by: ETV2 Name : Prof. Ray-Kur Position : Vice Chancellor Date : ...

2

Signed for and p Commissione

Name : Senskriti Jain (IAS) Position : Municipal Commissioner Date:___



E

E-Stamp Code	01013428042022009171	7 3	Sate Sate Sate	
Total E-Stamp Amount	500	2 8 * 1 9 3 5 5 5		
Govt. Stamp Duty (Rs.)	500 Municipality Duty (F	ts.) 0	an a marka a shekara	
Janpad Duty (Rs.)	Upkar Amount (Rs.)			
Exempted Amount(Rs.)	0		an it Same St	
It-Stainp Type	NON-JUDICIAL		A 1 A 1	
Issue Date & Time	28/04/2022 14:03:30	g ins 10 T	10	
Service Provider of Issuer Details	UDAY SINGH PATEL/SP013240901201800017	1122		
SP/SRO/DRO/HO Details	VILL-PURWA PO-GANGEO TEH- MANGAWAN REW	A M.P. MA	NGAWAN REWA	Ca110-16-16
	Deed Details		and the second	
Deed Type	Agreement or Meinorandum of an agreement	1		
Deed Instrument	If not otherwise provided for- Five hundred rupees.	20 a	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	
Purpose	agreement			1.1
Ale and a second second	Auni Party Delails			
Organization Name	SATNA INCUBATION CENTER		* · · · · · · · · · · · · · · · · · · ·	
Address	SATNA SATNA Madaya Pradesh INDIA	a 8.	2 A A A A A A A A A A A A A A A A A A A	
Number of Persons			and the second s	
	Sessed Furth Details	and Constant of Maria	and the second second	
Organization Name	AWADHESH PRATAP SINGH UNIVERSITY REWA			
Address	REWA REWA Madbya Prinley INDIA			1
Number of Persons				1
5 A				

MEMORANDUM OF UNDERSTANDING (MOU) BETWEEN

SATNA INCUBATION CENTER

AWADHESH PRATAP SINGH UNIVERSITY, REWA (MP)

This Memorandum of Understanding ("MOU") is entered on between SATNA INCUBATION CENTER (SIC), a project of Satna Smart City Development Limited, a state government company registered under Companies Act, 2013 having its registered office at 373/1, ICCC Building, Collectroate Premises, Dhawari, Satna (MP) and Awadhesh Pratap Singh University, Rewa (MP).

Digitally signed by UDA SINGH PATEL Date: 2022.04.28 14:03:44 IST

Whereas, Satna Incubation Center and Awadhesh Pratap Singh University, Rewa (MP)

< N ...

WHEREAS, both parties have come together to collaborate and to maximize the benefits from mutual interests and setting out the working arrangements that each of the entities agree are NOW. THEREFORE, it is hereby agreed by and between the undersigned parties as follows:

----- EZ21

ARTICLE I: PURPOSE

The purpose of the collaborative relationship contemplated by this MOU is to offer potential synergy exchange and linkage opportunities for acceleration, pre-incubation and incubation programs. This collaboration will also serve as a platform for cross learning and sharing of knowledge, best practices on innovation, incubation and start-up ecosystem development. The undersigned parties will put forth a good faith effort in providing resources, both tangible and intangible, in assisting the other parties in this collaborative relationship to achieve their

ARTICLE II: BACKGROUND OF THE PARTIES About Satna Incubation Centre

Satna Incubation Centre is being designed and operated by the Satna Smart City Development Limited (SSCDL). Madhya Pradesh State Covernment Company. This centre is at the intersection of the start-up community, government, corporate, academic, and research sectors, This centre offers a range of services to the incubates, customized to the needs of them such as free office space, constant mentoring support from the pool of 100+ mentors from all across the globe technology support, go to-marketing support, digital marketing support, company formation and team formation support and any other support any Startup need during their entrepreneurship iournes. Its helping new businesses prosper, Rewa Incubation Centre assists in creating I ing lasting roboth a their hold communities. This centre will help creating longlasting jubic for new graduates, experienced and career personnel, and veteran executives

About AWADHESH PRATAP SINGH UNIVERSITY, REWA (MP)

This university was established on 2017 July 1990 as a state university of Madhya Pradesh. The University has been named after a distinguished son of the soil and a freedom fighter (apt Awadhesh Pratap Singh University a national leader and the first Prime Minister of Nindhya Pradesh. The university was resignized by 1.6.8 in Lebruary 1972. The University is a member of the Association of Indian Enversity (AIE) and AIECommonwealth Association of Environts (ACAL). The Environts has 13 teaching departments which offer more than 56 protessional programmes on self supporting basis apart from the regular post graduate programmes. We also impart education through nearly 210 affiliated colleges within the University jurisdiction in Anuppur, Rewa, Satna, Shahdol, Sidhi, Singrauli and Umaria districtof Madhya Pradesh. The university also provides education to the people in the remote areas through distance learning mode. Our university is producing world class talent with optimum indization of limited resources

N. S.M.

ARTICLE III: CONSULTATION & EXCHANGE OF INFORMATION

- The sumationes may insite each other to send observers for meetings and conferences so twened by then under their auspices in which, in the opinion of either signatory, the other may have an interest. Invitations shall be subject to the procedures applicable to such meetings of conferences
- · The agnatories shall at certain interval keep cach other informed of and consult on matters of common interest
- · Consultation and exchange of information and document under this article shall be without prejudice to attangements, which may be required to safeguard the confidential and testricited character of certain information and discuments
- · To support each other by extending respective institutional expertise in terms of technology, in wledge and management aspects 6 wards strengthening Natna Smart Cuts into values and entrepresent hip $\varepsilon_{\rm e}$ is set
- To share the best practices and provide access to resources and knowledge reproducts interpret to other the institutional capacity is the bester design of new programs and policies in the area of the value rand Mamaple, or other of Rewa
- I design and implement various construction programs with a view to create symptotic by linking in state, Startight of Calence Individue with Satisfies what in Conterns Third mentals and kandhole, upper the burner of errors and the wat in trampic state
- To conduct out outrain analysis, and one and contake down or even the even τ_{1} , making each τ_{1} , τ_{2} , τ_{2} , a limit we find that for a set \mathbf{N} is the \mathbf{N} programs policies april station
- Manalis waart generer all the first provide the second strategy of the والالالة المراجع والمتحج والمرجع المرجع والمرجع والمحج والمحج والمحج والمحج والمحج والمحج والمحج والمحج والمحج
- To be if type deterform for a commentary decayer with the particle. Exception momentum and explore or sizes and only phone of
- As the set of the set Michael of anticellar of the second of a policity of a state of Real and
- If there is a set in the special start start is a set of the special start of th
- · Reprinde a mercure esperie e complete que provide en subbecketer and any activities that the contract of a second provide the second seco

ARTICLE IV: EXPECTATIONS & BENEFITS

I nder the terms of this increased and in its contention line the particulation and a shorther spinor this agreement to

- SEESE INFORMATION PLANTED FROM TO THE SECOND STREET, STRE AWADDONE PRADE ANALY PALADE PARTIES DE FEWARENDE - an pro- $(365)^{2}(10^{10})^{10}(10^{10})^{10} + 2.242(10^{10})^{10}(10^{10})^{$
- AR ADDERSON PRACTOR AND AN ADDERSON AND ADDERSON ADDERS ing any come to the exception with a tracine strategy of the Berlin and the second availability & approvales

13

- Constitute & Mertining
- · locubation & Acceleration Industry
- · Investor & Venture Capital Environment
- IP regulation, tools & technology transfer practices
- · Human Resource development
- 2) Innevation & Stattup Exchange State National level basiness linkages for Startups labthrough co-membration and short acceleration programs and Access to Innovation labfor selected Startups
 - · Joint strategic courselling of last growing sentures
 - · Rating of Martups based on well-defined program of Satna Incubation Centre
 - Provision of accessionne values labs and incubation for proven startups
 - Acceleration programs
 - 3) Economic Development of Innovation & Martup
 - · Primodel Participate and Engage diversified stakeholders uncluding Students
 - Englande of exclusion beings emitate workshops exhibitions and -freen.C

ARTICLE VERESPONSIBILITY

The Awadhesh Pratap Singh Lancruits, Rewa (MP) appoints a busits embersion behalf of the instrument and that such there regulates and be a time point is unitally for all the the trade of an international second for the large second mention mention of a first Ment

 $[1-x_1^{2}(1)-x_1^{2}(1-x_1^{2})-x_1^{2}(1-x_1^{2})+x_1^{2})+x_1^{2}(1-x_1^{2})+x_1^{2}(1-x_1^{2})+x_1^{2}(1-x_1^{2})+x_1^{2})+x_1^{2}(1-x_1^{2})+x_1^{2}(1-x_1^{2})+x_1^{2}(1-x_1^{2})+x_1^{2})+x_1^{2}(1-x_1^{2})+x_1^{2}(1-x_1^{2})+x_1^{2})+x_1^{2}(1-x_1^{2})+x_1^{2}(1-x_1^{2})+x_1^{2})+x_1^{2}(1-x_1^{2})+x_1^{2})+x_1^{2}(1-x_1^{2})+x_1^{2})+x_1^{2}(1-x_1^{2})+x_1^{2})+x$ on the partners the same share being to the start of the second bed one are equilibred. and the protection of the other part of the source of the particle in protection that the

a centation Million provide the Alexandre Sector Con-

, i

h

ARTICLE VIIL TERM, AMENDMENT & TERMINATION

the property and approximate order to the second second state of a second second second second second second s $(m_1)^{(1)}$ is a set of energy r_1 , where $r_2 = (a_1, \dots, a_{n-1})^{(n-1)}$, $m_1 \in \mathbf{M}(a_1)$ Remains the property of the spectral sector of the sector and the property of the spectra sector of the spectra Multi-sector extends to a sector spectrum of the end of the end of the sector of the sector of the sector of the

ARTICLE IX: DISPUTE SETTLEMENT

The parties are desirous of resolving all differences/disputes between them relating to or arising out of this agreement, through the chief executives or their nominated representatives of the respective parties for which the aggrieved party shall give at least 15 (fifteen) days prior notice to other party to resolve all differences/disputes.

ARTICLE X: NOTICES & ADDRESSES

IN WITNESS WHEREOF the parties have executed and delivered this MOU in two original copies in English language as at the day and year first above written at Rewa.





मध्य प्रदेश MADHYA PRADESH

0100

2

BL 312344

3

in

3;

5

1

HUNDRED RUPEES

MEMORANDUM OF UNDERSTANDING

सत्यमंव जयते

INDIA NON JUDICIAL

RT INDIA

3

This MEMORANDUM OF UNDERSTANDING (MOU) made and entered into on this 28th day of Feb, 2022 by and between following parties:

A. AKS UNIVERSITY, Satna which expression shall meanand include its successors in interest and assigns of the second part (hereinafter referred to as AKSU)

and

TATA

Lo Xit

B. AWADHESH PRATAP SINGH UNIVERSITY, Rewa which expression shall mean and include its successors in interest and assigns of the first part (hereinafterreferred to as APSU)

WHEREAS APSU, and AKSU are interested in entering into a MoU with a view of sharing a common desire to explore, extend and strengthen the functional relationship between the Universities with experienced Faculty and well established R&D facilities; in order to share the facilities and expertiseavailable with each of them for mutual benefit, herewith, sign this MoU on following broad understanding:

1. The Faculty of AKSU/APSU may take part in teaching programme of each other University if desired so, by both the Institutions. Topic of lectures anddays/time will be fixed by mutual consultation between Deans/Faculties of the two Universities.

2. The Ph.D. students working in either University will be allowed to carry out a part of their research work in other University, if requisite instrumentation and other facilities are not available and the host University will extend all necessary facilities and expertise to the research students on payment charges as prescribed by the Institution providing the facility or as agreed upon mutually on case to basis.

Rhanles

3. The PG and UG students working in either University will be allowed to carry out a part of their Project work in other University, if requisite instrumentation and other facilities are not available and the host University will extend all necessary facilities and expertise to the UG/PG students free of cost or on payment charges as prescribed by the Institution providing the facility

K

4. Collaborative Research programmes by the Faculty of both Universities following the common research mandates of both the Institutions may be developed and cooperate in the exchange of Faculty and researchers to encourage sharing of experience, scientific knowledge,

5. The Faculty of APSU and AKSU may apply for joint collaborative researchprojects to National and International funding agencies (Public/Private).Data generated through such collaborative research will be published inpeer reviewed journals jointly by the Faculty of both

6. In the existing and likely Intellectual Property regime, techniquestechnologies, materials etc. developed/perfected of any immediate or likelycommercial value would be the joint property of both Universities and theIntellectual property claims/formalities would be filed/made jointly.

7. All research materials used in the collaboration will be transferred usingMaterial Transfer Agreements (MTAS). Further, the transfer of biologicalmaterials, including breeding materials and germplasm, will be subject topertinent biosafety and bioprospecting laws, rules, and regulations. Eitherparty may use such materials, AKSU will give full credit to the source of thematerials. Results of the collaborative research will be jointly published in he public interest as mutually agreed upon.

8. The MoU will be effective for the period of 10 years from the date of signature. However the terms, conditions and effectiveness may be reviewed after every 4 years.

9. This Memorandum of understanding reflects the respective Institution's commitments to terms and conditions mentioned in MoU. This memorandum of understanding may be amended or terminated at any time by either party provided that notice of termination or amendment is given by the notifying party to the other party before thirty (30) days of the date on which the termination or the amendments is intended to become effective. The commitments, made before the date of termination of MoU, will continue to be operative.

Khanly Z Vice Chance Hor Astrancellor

AKS University, Sama RNSP.TY Satna (M.P.)

28th day of February, 2022

2/20/11/2/1

Vice Chancellor APS University, Rewa (M.P.) A.P.S. University REWA (M.P.)







An initiative of Ministry of Education under the National Mission on Education through ICT

Wireless Research Lab, Bharti School of Telecom Indian Institute of Technology Delhi, Hauz Khas, New Delhi-11 0016. Tel: 011-26582050

www.vlab.co.in

Ref. No.: VLABS/IITD/NCS

Date: 24-01-2022

To, The Registrar, Awadhesh Pratap Singh University, Rewa, Madhya Pradesh

Sub: Virtual Labs Nodal Center

With reference to your Expression of Interest for Virtual Labs, it gives me immense pleasure to designate your Institute as a Nodal Center for Virtual Labs. As nominated by you, **Prof. Navita Shrivastava** has been accepted to act as the Nodal Coordinator from your Institute. This approval is valid up to **31st December 2022**. Subject to the following Terms and Conditions and any subsequent directives as issued by MoE from time to time:

- 1. Approved status of AICTE/STEB/UGC is mandatory for your college.
- 2. The necessary infrastructure (dedicated space having personal computers with 1Mbps broadband internet connectivity) to be maintained at your own cost for Virtual Labs.
- 3. Nodal centers will get operational technical support.
- 4. Students are not to be charged any extra fee for providing Virtual Labs facility for their usage.
- 5. Nodal Coordinator should attend the meeting held at IIT Delhi as per schedule and a semester wise report of V Labs usage and feedbacks by the faculty members and students should be submitted.
- 6. Strict adherence to the standard lab procedures and cyber security laws needs to be followed.
- 7. Any violation or the above will result in automatic cancellation of Nodal Center status for your college without giving any notice.

Kindly acknowledge the receipt of this letter and the acceptance of the Terms & Conditions mentioned above.

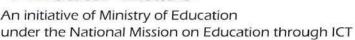
We thank you again for your interest in the Virtual Labs project and appreciate your endeavor in the service of the student community.

Wish you all the best! Thank You, Sincerely,

Prof. Suresh Bhalla Project Virtual Labs IIT Delhi sbhalla@civil.iitd.ac.in









Wireless Research Lab, Bharti School of Telecom Indian Institute of Technology Delhi, Hauz Khas, New Delhi-11 0016. Tel: 011-26582050

www.vlab.co.in

Ref. No.: VLABS/IITD/NCS

Date: 24-09-2021

To, The Registrar, APS University, Rewa, Madhya Pradesh

Sub: Virtual Labs Nodal Center

With reference to your Expression of Interest for Virtual Labs, it gives me immense pleasure to designate your Institute as a Nodal Center for Virtual Labs. As nominated by you, **Prof. Navita Shrivastava** has been accepted to act as the Nodal Coordinator from your Institute. This approval is valid up to 31st December 2021. Subject to the following Terms and Conditions and any subsequent directives as issued by MoE from time to time:

- 1. Approved status of AICTE/STEB/UGC is mandatory for your college.
- 2. The necessary infrastructure (dedicated space having personal computers with 1Mbps broadband internet connectivity) to be maintained at your own cost for Virtual Labs.
- 3. Nodal centers will get operational technical support.
- 4. Students are not to be charged any extra fee for providing Virtual Labs facility for their usage.
- 5. Nodal Coordinator should attend the meeting held at IIT Delhi as per schedule and a semester wise report of V Labs usage and feedbacks by the faculty members and students should be submitted.
- 6. Strict adherence to the standard lab procedures and cyber security laws needs to be followed.
- 7. Any violation or the above will result in automatic cancellation of Nodal Center status for your college without giving any notice.

Kindly acknowledge the receipt of this letter and the acceptance of the Terms & Conditions mentioned above.

We thank you again for your interest in the Virtual Labs project and appreciate your endeavor in the service of the student community.

Wish you all the best! Thank You, Sincerely,

Prof. Suresh Bhalla Project Virtual Labs IIT Delhi sbhalla@civil.iitd.ac.in





MEMORANDUM OF UNDERSTANDING

BETWEEN

Awadhesh Pratap Singh University, Rewa

AND

M.P. Council of Science and Technology, Bhopal 20 FEBRUARY 2020

This MoU is made and executed between Awadhesh Pratap Singh University, Rewa represented by Dr. Brijesh Singh, Registrar having its campus office at Sirmour Road, Rewa, Madhya Pradesh 486003, here in after referred to as "APSU, Rewa", the First Party.

AND

Madhya Pradesh Council of Science and Technology, Bhopal represented by Dr. Rakesh K. Arya, Director General having its office at Vigyan Bhawan, Nehru Nagar, Bhopal, Madhya Pradesh 462001, and the institute at same place, here in after referred to as "MPCST, Bhopal", the Second Party.

This expression shall mean and include its successors and legal representatives of both the parties.

NOW THE PARTIES HEREBY MUTUALLY AGREE AND THIS AGREEMENT

WITNESSED AS UNDER

Roles and Responsibilities

- (A) MPCOST-BHOPAL
 - Industrial Training & Visits: The Second Party will permit the Faculty and Students of Environmental Biology, Biotechnology, Microbiology, Biochemistry, Chemistry, Physics, Computer Science, Remote Sensing and other departments of the First Party to visit its group companies and also involve in Industrial Training
 Guest Lectures: Second D
 - (2) Guest Lectures: Second Party to extend the necessary support to deliver guest / expert lectures to the students of the First Party on different subjects and the IT
 (3) The Second Party of Party of Party of Party of Party of Party and the IT
 - The Second Party will provide its Labs / Workshops / Industrial Sites for the hands-on training of the learners enrolled in the Environmental Biology. Biotechnology, Microbiology, Biochemistry, Chemistry, Physics, Computer Science, Remote Sensing Technology and other departments of the First Party.

Curriculum Design: Second Party will give valuable inputs to the First Party in (4) teaching / training methodology in various discipline so, students can prepare themselves with industry needs.

mere man a strate -

- (B) APSU, REWA
 - Research and Development: Both Parties have agreed to carry out the joint (1)research activities in the fields of Science & Technology.
 - First Party will provide research guide in the fields of Environmental Biology, (2)Biotechnology, Microbiology, Biochemistry, Chemistry, Physics, Computer Science, Remote Sensing Technology and other departments of the First Party etc. on demand of second party for their Research Centres.
 - First Party will provide facilities to Second Party in developing suitable teaching (3)/ training materials, keeping in mind the needs of the Second Party.

Terms and Conditions

- Both parties affirm their commitment to implement the activities and achieve the (1)objectives mutually agreed upon.
- Any conflict between the parties shall always be decided by mutual consultation without any recourse to arbitration or other kind of legal remedy including report to a court of (2)
- New assignments can be added during the course of implementation of MoU, if mutually (3)agreed upon by both the parties.
- Financial terms and conditions will be decided mutually as per need. (4)

Validity of the MoU

This MoU shall become effective on the date it is signed by both the parties and shall be valid for Three Years further extendable up to Five Years. Either party can revoke this MoU by giving one month notice.

Agreed and signed on behalf of

at 2 non

Authorized Signatory **MPCOST-BHOPAL**

Witness 1

Signature: n. Name: Dr. M.K. Rathre Witness 2 Bighanna Signature Name Rr. Braveen Dighana Designation S. Primipal Scientist Name:

Agreed and signed on behalf of

Authorized Signatory

APSU, REWA

Witness 1

Name Parf A. P. Mahrs Designation Breferror of Physics Witness 2 Jonana Signature 20-2-20 Name Bref B. Nr. Potol Designation worker Designation wordinator

MEMORANDUM OF UNDERSTANDING

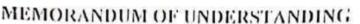
We, Department of English, APS University, Rewa, Madhya Pradesh and Department of Applied Videography, Sardar Vallabh Bhai Polytechnic College, Bhopal, Madhya Pradesh are happy to sign a memorandum of understanding for the coming three years for fruitful academic exchange. During this period, we will the utually enrich our students in functional English and audio-visual aides preparation and presentation. We will carry out these activities both online and offline.

2916/202)

Dr. Awadhesh Singh Prof. & Head Dept. of Applied Videography Sardar Vallabh Bhai Polytechnic College Bhopal, Madhya Pradesh

11

Prof. Shubha Tiwari Prof. & Head, Dept, of English APS University Rewa, 486003 Madhyapradesh



Established by UP State Govt. ACT 1 of 2012 Lucknow-Deva Road, Uttar Pradesh

MEMORIA

This document is a memorandum of understanding between Faculty of Arts, APS University, Rewa, Madhya Pradesh and Faculty of Humanities and Social Science, Shri Ramswsroop Memorial University, Lucknow Deva Road, Barabanki, (U.P.) for coming three years. Together we will share our knowledge for the benefit of our students through online/offline meetings, conferences, lectures, webinars, seminars and gatherings. We will establish a mutual atmosphere of vibrant academic exchange. We will intimate and invite our faculty, researchers and students in our academic events as much as possible. This MoU is an expression of our mutual regard and commitment towards academic excellence.

1Nam 2021

Prof. Shubha Tiwari Professor of English Dean, Faculty of Arts APS University Rewa, 486003 Madhya Pradesh

Witness-1

Shilf 20 Shulch 30.7.2021 Dr. Shilpa Shukla 30.7.2021 Associate Professor

UNIVERSIT

Prof. Vijaya Sethi Dean, Faculty of Humanities and Social Science Shri Ramswsroop Memorial University, Lucknow Deva Road, Barabanki, (U.P.), India.

Witness-2

Dr. Bishun Kumar Assistant Professor

Address for correspondence: Shri Ramswaroop Memorial University, Vill.-Hadauri, Post-Tindola, Eucknow-Deva Road, Barabanki, Ultar Pradesh - 225003 Tel.: 9554953791, 9554953792, 9838904666, 9838785666, 9839771666, Scholl Free No. 4800 102 6004' Website: www.srmu.ac.in, E-mail: registrar@srmu.ac.in, registrar.office@srmu.ac.in CamScanner

MEMORANDUM OF UNDERSTANDING

We, Department of English, APS University, Rewa, Madhya Pradesh and Department of English, Jagadguru Ramabhadracharya Divyanga University, Chitrakoot, Uttar Pradesh are happy to sign a memorandum of understanding for the coming three years for fruitful academic exchange. During this period, we will mutually enrich our students in functional English, English Literature and audiovisual aides preparation and presentation. We will carry out these activities both online and offline.

Blath

Dr. Shashi Kant Tripathi Head In- charge Dept. of English and Modern European Languages Jagadguru Rambhadracharya Divyanga University Chitrakoot, Uttar Pradesh

Prof. Shubha Tiwari Prof. & Head, Dept, of English APS University Rewa, 486003 Madhyapradesh



9(i) MEMORANDAM OF UNDERSTANDING TO STRENTHEN DIGITAL INDIA PROJECT BETWEEN

VINDHYA GROUP OF TECHNOLOGIES REWA MADHYA PRADESH

AND

DEPARTMENT OF COMPUTER SCIENCE, A.P.S. UNIVERSITY, REWA (M.P.)

The representative of Vindhya Group of Technologies, Rewa (M.P.) and Department of Computer Science, APS University Rewa (M.P.) agree to this Memorandum of understanding. The Memorandum of understanding (MoU) establishes the following:

- OBEJCTIVE OF THE AGREEMENT: The objective is to establish a mutually beneficial relationship built on Technology and Innovative areas of cooperation between the Vindhya Group of Technologies, Rewa (M.P.) and Department of Computer science, A.P.S. University Rewa (M.P.)
- 2. GOALS AND FORMS OF COOPERATION:

The Signing institutions agree to provide opportunity for the following activities towards the completion of the objective of this MoU.

- I. Collaborative Research work to explore new and innovative ways to strengthen implementation of Digital India Project
- II. Collaborative work for Project andskill development programme, and start-up activities for students of APSU, Rewa.
- III. Use of laboratory & library facilities in specific cases with prior information.
- IV. Advice Policies, program, placements and execute training.
- V. This MoU is being signed purely with the intention of academic and research cooperation without any financial liabilities.
- VOLIDITY: this MoU shall remain in force for a period of five years commencing the date of signing the contract. Institutions may extend the term by written agreement signed by both after review.

This MoU signed by

Head. 28(00.2)

Department of Computer Science

Advance

Vindhya Group of Technologies CEO

Vindhya Group Technologies



Memorandum of Understanding

This Memorandum of Understanding is entered on <u>21-Jan-21</u> ("Effective Date") by and between **Swabhimaan Finance Private Limited** having its office at Flat no.-405 Him Green Apartment, Him City Matiyari, Lucknow 226028, India (hereinafter referred to as "**Swabhimaan**"); and,

Awdesh Pratap Singh ,University ,Rewa____

having its address

(hereinafter referred to as "Institution").

Whereas, Swabhimaan is a profitable organization with multiple programs, sponsored by government and corporate entities, that are offered free to learners across the education spectrum, including but not limited to the Tech Saksham Program (www.techsaksham.org).

Whereas, Institution is a premier institution with the following details:

Established (year):	2020
Vision:	 Swabhimaan provides access to banking and financial services to the underprivileged section of the society By reaching out to them rather By earning their trust and build a lasting relationship her they reach out to us. By reaching out to them rather they reach out to us. So, over the period of time, Swabhimaan becomes

And whereas, the Parties seek to collaborate with each other to mutually complement their synergies and to jointly work on building capacity of learners through one or more of the programs managed by Swabhimaan.

Now therefore, this Memorandum of Understanding (hereinafter called "MOU") witnesses the following.

- Term and termination: This MOU is valid for an initial term of 5 years from the Effective Date. It can be extended by further periods, as agreed to by the Parties from time to time. Either Party may terminate this MOU by giving the other minimum 30 days' notice. The MOU will be deemed terminated at the end of the notice period or after completing all ongoing activities so that the beneficiaries (learners and teachers) are not negatively impacted, whichever is later.
- 2. Non-binding nature of this MOU: The MOU is not binding on either Party and each is working with the other out of sheer good-will and for the benefit of the learners.
- 3. Each Party is responsible for its own costs: Both the Institution and Swabhimaan will independently manage their cost towards fulfilment of obligations under this MOU.
- 4. Single Point of Contact (SPOC) for program co-ordination: Both the Parties shall appoint a suitable



SWABHIMAAN FINANCE PVT. LTD.

Serving The Underprivileged

person who will serve as a single of contact on all matters related to program rollout. Individual learners and teachers may be in touch with corresponding trainers, mentors, advisors and peers during program rollout but all matters related to the execution of this MOU shall reside with the SPOC.

- 5. Society for Inclusive Education (SIE): This is a student led initiative managed and supported by Swabhimaan, that seeks to provide ubiquitous high quality learning opportunities to underserved communities through government and private schools/colleges around India. The Institute will set up a chapter of Society for Inclusive Education on its campus. This chapter will make Swabhimaan programs available to local underserved institutions and/or student communities through community work, classroom sessions, fund raisers to purchase equipment and free learning platforms. Office bearers will be chosen by the Institute in the first year. They may be either nominated or elected second years. The SIE chapter will have members from within the local student community who are willing contribute some time towards betterment of society. All members of SIE chapter at the Institution will be issued with appropriate certification that will help them meet their CAS/Community Work/SUPW requirements.
- Program Calendar: The SPOCs from both Parties will work with their respective internal stakeholders to develop a calendar for the program(s) rollout at the start of every quarter. This calendar will then by synchronized and published for use by everyone.
- 7. Responsibilities of Swabhimaan and/or its program sponsors/partners:
 - a. Orientation sessions: Swabhimaan will conduct orientation sessions for learners and educators, at a mutually agreed schedule, to onboard them onto the program(s).
 - b. **Program materials**: Swabhimaan will share all program materials with the institution and/or learners as required. All sharing will be online and/or through electronic media.
 - c. Face to face, instructor led sessions: For learners in the Tech Saksham Program, face to face ILT sessions will be organized on campus and will be delivered by Swabhimaan Trainers to program beneficiaries
 - d. Online instructor led sessions: These sessions may take the form of webinars or mentoring workshops or technology boot camps or innovation camps or career readiness workshops that will seek to assist learners in their career goals. These programs will be organized regular as per a regular calendar, published online and will be conducted by Swabhimaan team members or program sponsors or external stakeholders as appropriate.
 - e. Interaction with Industry experts: Swabhimaan will bring industry experts to the Institute to drive engagements with students through seminars/webinars or project mentorship.
 - f. Online platform availability: Online platforms for each of the programs of interest to the Institution will be made available to it. Links for these platforms will be made available to the Institution in a timely manner
 - g. Assessments: Swabhimaan will conduct assessments, as required, for its programs prior to certification by Swabhimaan and/or its industry partners and/or participating government agencies.
 - h. For programs with career paths: Swabhimaan will provide linkages with local and regional industry, government and the local start-up ecosystem (incubators etc) that will help learners with gainful employment and/or entrepreneurial opportunities. Interactions will be encouraged in terms of classrooms sessions, workshops, internship opportunities, career opportunities and



Serving The Underprivileged

entrepreneurship opportunities.

- 1. SHE support: Swabhimaan will support the SIE chapter in the Institute with all support required, A separate program manual and guidelines will be sent to the SPOC.
- Updates: Swabhimaan will keep institution management updated with the progress of the program(s)
- 8 Responsibilities of Institution:
 - 20 Learner identification: Institute will identify learners, volunteers and instructors who may participate in one or more programs offered by Swabhimaan.
 - b. Support with orientation sessions: Institute will support Swabhimaan conduct orientation sessions for all stakeholders.
 - c Publication of program calendars and goals: Institute will publish, on a quarterly basis, a program calendar for all its participants.
 - d. Support with computers labs and classrooms: Institute will make its labs available to learners. It will make classrooms and/or audio-visual equipment available for face to face sessions, whenever required.
 - e. Support with attendance: Institute will ensure that program participants enthusiastically participate in chosen programs, with minimum attendance as agreed between the Parties.
 - £., Support with assessments: Institute will ensure that assessments carried onsite are proctored and professionally managed.
 - g. SIE chapter: The Institute will support the SIE chapter, led by its students, to the extent possible.
 - h. No fees: Institute will not charge any extra fees from learners for participation in Swabhimaan programs.

IN WITNESS WHEREOF, the parties hereto have executed this MOU on the Effective Date.

For Institution

For Swabhimaan Foundation

Institutional Seal:

Name: Karunesh Nigam

Designation: MD &CEO

MEMORANDUM OF UNDERSTANDING FOR ACADEMIC AND SCIENTIFIC COOPERATION BETWEEN

GOVT. MADHAV SADASHIVRAO GOLVALKAR COLLEGE, REWA (M.P.) AND

DEPARTMENT OF CHEMISTRY, A. P. S. UNIVERSITY REWA (M.P)

The representative of Govt. Madhav SadashivraoGolvalkar College, Rewa (M.P.) and Department of Chemistry, A. P. S. University Rewa (M. P.), agree to this Memorandum of Understanding. The Memorandum of understanding (MoU) establishes the following:

 OBJECTIVE OF THE AGREEMENT: The objective isto establish a mutually beneficial relationship built on academic and scientific areas of cooperation between the Govt. Madhav Sadashivrao Golvalkar College, Rewa (M.P.) and Department of Chemistry, A. P. S. University Rewa (M.P.)

2. GOALS AND FORMS OF CO-OPERATION:

AND A REAL PROPERTY OF A

The Signing institutions agree to provide opportunity for the following activities towards the completion of the objective of this MoU.

- i. Cooperation regarding effective implementation of NEP-2020
- Student exchange programme for entrepreneurship, skill development programme, and start-up activities.
- iii. Exchange of study programs, academic project, course information, seminars, Specific publications and any other data and information of common interest will be promoted.
- iv. Use of laboratory & library facilities in specific cases with prior information.
- v. Advice Policies, Programs, Placements and execute training.
- vi. This MoU is being signed purely with the intention of academic and scientific cooperation without any financial liabilities.

3. VALIDITY: ThisMOU shall remain in force for a period of Five Years commencing the date of signing the Contract. Institutions may extend the term by written agreement signed by both after review.

This MoU is signed by -

Date:-

Head Department of themistry A.P. S. University Rewa (M.P.)

Collaboration Letter/Memorandum of Understanding

Collaboration Letter/ understanding for scientific co-operation in academics between Department of Environmental Science, AKS University, Satna (M.P.) and School of Environmental APS University, Rewa, M.P.

In order to advance relations for scientific and academic collaboration between Academic institutions and scientific organization/industry, AKS University, Satna (hereafter referred as AKSU) and APS University, Rewa (hereafter referred as APSU) in harmony with the spirit of scientific collaboration within the country and to spread front line research in academic institution, has agreed to sign the following-

- The AKSU and APSU will endeavor to enhance research activities by supporting each other for research efforts done under the principle by respecting mutual autonomy.
- · Areas for collaboration between the two parties will involve various issues related to scientific studies.
- AKSU and APSU will support the project work, dissertation work of UG and PG students in terms of providing infrastructural and practical facilities.
- AKSU and APSU will also support training programme for students. .
- Expertise of both the parties will be available for discussions.
- Any other matter with mutual co-operation.
- This collaboration/co-operation will be for 5 years and can be extended further.

Prof. & Head Department of Environmental Science AKS University, saure wrpent Environmental Science AKS University, Sama (** n

Pro Vice Chancellorancellor AKS University Satnai Mipity Satna (M.P.)

Prof. & Head School of Environmental Biology APS University, Rewa M.P.

me

Vice Chancellor/Registrar APS University, Rewa M.P.

MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (hereinafter referred to as the "MOU") is made and executed on this 6th day of September 2021 at Pune.

BETWEEN

Awadhesh Pratap Singh University, established in 1968, got UGC recognition having membership of the Association of Indian Universities (AIU) and All Commonwealth Association of Universities (ACAU) and having address at: A. P. S. University Rewa, 486001, Madhya Pradesh, India

Through its Registrar

(hereinafter referred to as "PARTNER INSTITUTE")





AND

BAJAJ FINSERV LIMITED, a company registered under the provisions of the Companies Act, 1956, having its registered office at: Bajaj Auto Ltd Complex, Mumbai-Pune Road, Pune 411 035

AND

BAJAJ FINANCE LIMITED, a company registered under the provisions of the Companies Act, 1956, having its registered office at: Akurdi, Pune 411 035

Through President (Legal and Taxation) - Bajaj Finserv Limited

(Bajaj Finserv Limited and Bajaj Finance Limited hereinafter referred to as "FINSERV")

The expressions "PARTNER INSTITUTE" and "FINSERV" shall, collectively be referred to as "Parties" and individually as "Party".

WHEREAS:

- A. PARTNER INSTITUTE is a State University of Madhya Pradesh established in 1968.
- Bajaj Finserv Limited is the holding company for financial services businesses of the Bajaj Group; Β.
- C. Bajaj Finance Limited is a Non-Banking Finance Company registered with Reserve Bank of India.
- D. FINSERV, as part of its Corporate Social Responsibility (CSR) activities, desires to create employment opportunities for educated youth in the Banking, Finance and Insurance Sector through a customized training programme encompassing product knowledge, communication and other soft skills, which is expected to benefit fresh graduates, especially those belonging to economically weaker sections of the society;
- E. FINSERV, in partnership with some of the leading educational institutes, has designed and developed a customized programme viz. Certificate Programme in Banking, Finance and Insurance (hereinafter referred to as CPBFI).
- E. The PARTNER INSTITUTE has expressed its willingness to partner with FINSERV to conduct CPBFI for its students and alumni, on terms and conditions set out herein below;
- F. FINSERV has accepted the offer of the PARTNER INSTITUTE and agreed to partner with the PARTNER INSTITUTE for conducting CPBFI, on terms and conditions set out below.

NOW THIS AGREEMENT WITNESSETH AND IT IS AGREED BY AND BETWEEN THE PARTIES AS UNDER:

1. Purpose/Objective of CPBFI:

The objective of CPBFI is to impart practical knowledge and essential skills to final year graduation students and fresh graduates, especially those belonging to economically weaker sections of the society, with a view to create employment opportunities for them in the Banking, Finance and Insurance Companies.



2. Scope of CPBFI:

- i. FINSERV has appointed different training institutes as Official Training Partners for conducting CPBFI (hereinafter referred to as CPBFI Official Training Partners).
- ii. FINSERV and the PARTNER INSTITUTE, through one of the CPBFI Official Training Partners, shall conduct, for the eligible students and alumni of the PARTNER INSTITUTE, a Certificate Programme in Banking, Finance and Insurance viz. CPBFI, covering industry overview and product knowledge relevant for roles in banks, NBFCs, life insurance and general insurance companies, communication and other workplace skills. CPBFI shall be conducted through classroom training (hereinafter referred to as CPBFI–CLASSROOM), online training (hereinafter referred to as CPBFI–CLASSROOM), online training (hereinafter referred to as CPBFI–BLENDED).

3. Responsibilities of the Parties:

- i. The PARTNER INSTITUTE shall be responsible for mobilizing students for the CPBFI Programme by spreading awareness about CPBFI and its potential benefits for the prospective students. FINSERV shall, if requested by PARTNER INSTITUTE, at its discretion, support the awareness campaigns by participating in the student meetings, parent meetings and design of publicity material such as posters, leaflets etc.
- ii. The PARTNER INSTITUTE shall be responsible for providing necessary infrastructure facilities for conducting classroom sessions of CPBFI-CLASSROOM and CPBFI-BLENDED, specifically (a) one class room, equipped with a projector, a sound system and a white-board with a seating capacity of at least 45 students, (b) one computer room, equipped with computers having MS Office software and high-speed internet connection, with a seating capacity of at least 25 students, for conducting the online assessment tests (c) one assembly hall with a capacity of around 60 persons and 3 interview rooms, for one day per batch, for conducting CPBFI HR Workshop. PARTNER INSTITUTE shall also provide basic stationery required for training purposes such as marker pens, chart sheets, chalks etc.
- iii. The PARTNER INSTITUTE shall appoint a Coordinator for every CPBFI batch, with following responsibilities;
 - a. To motivate and encourage students to extract maximum benefit from CPBFI.
 - To provide necessary support to the CPBFI Official Training Partner for planning and conducting the program.
 - c. To conduct online pre-assessment and post-assessment tests for every batch.
 - d. To ensure that the classes are conducted as per pre-defined schedule.
 - e. To ensure that all students are regularly attending the classes.
 - f. To maintain daily attendance of students.
 - g. To attend few classes as an observer and provide feedback to FINSERV about the training quality.
 - h. To ensure discipline and good conduct from the students.
 - i. To support FINSERV team to conduct CPBFI HR Workshop for every batch.
 - j. To submit required college information as per Annexure 3 to FINSERV coordinator.
- iv. The PARTNER INSTITUTE shall issue an appointment letter to the Coordinator as per format prescribed in Annexure 4 of this MOU. The PARTNER INSTITUTE shall submit the appointment letter, duly authorized by the Registrar of the PARTNER INSTITUTE and accepted by the Coordinator, to FINSERV before commencement of every CPBFI Batch.
- v. FINSERV shall be responsible to design and continuously improve the CPBFI programme structure, including adding or deleting courses, changing pedagogy or modifications to the programme duration.

INSA

NAGAR P



- vi. FINSERV shall be responsible to arrange faculty, with requisite expertise and experience, through any of its CPBFI Official Training Partners. FINSERV shall provide necessary details of the concerned CPBFI Official Training Partner to the PARNTER INSTITUTE at least 2 weeks before start of every batch. FINSERV shall be responsible to arrange the online training platform for conducting CPBFI-ONLINE and CPBFI-BLENDED.
- vii. FINSERV and the PARTNER INSTITUTE, shall be responsible for award of "Certificate of Completion" at the completion of CPBFI to all successful candidates who meet eligibility criteria viz. requisite attendance and credits in the examinations conducted during CPBFI.
- viii. FINSERV, as part of its CSR, shall bear the full cost of faculty deployed by its CPBFI Official Training Partner, to ensure that CPBFI is affordable to students belonging to economically weaker sections of the society.
- ix. FINSERV along with its chosen academic partner/s, shall conduct an online examination at the end of CPBFI. Only students who pass this examination and have requisite attendance shall be eligible to receive the "Certificate of Completion". This examination shall be in addition to all other examinations conducted by the CPBFI Official Training Partner during CPBFI.
- x. The PARTNER INSTITUTE shall display the FINSERV name and logo prominently in all marketing and publicity material, notices for students and all other internal and external communications, in paper form or otherwise, relating to CPBFI.
- xi. Any other use of FINSERV brand names by the PARTNER INSTITUTE shall require prior written consent from FINSERV.
- xii. The PARTNER INSTITUTE shall provide to FINSERV, necessary information about all the students of CPBFI, in the format specified by FINSERV in Annexure 1. FINSERV shall be free to contact the students directly for the purpose of monitoring the impact of CPBFI and the career progression of students.
- xiii. The PARTNER INSTITUTE shall not conduct CPBFI or a programme with identical course structure except in partnership with FINSERV.
- xiv. The PARTNER INSTITUTE shall be solely responsible to comply with regulations of University Grants Commission or any other authority regulating educational activities in India. The PARTNER INSTITUTE agrees that FINSERV shall not have any liability including monetary or otherwise, in the event of any regulatory action taken against the PARTNER INSTITUTE in respect of conducting this programme. The PARTNER INSTITUTE agrees to fully compensate FINSERV in case an action is taken against FINSERV by any such regulatory authority in respect of conduct of CPBFI by the PARTNER INSTITUTE under this MOU.
- xv. The PARTNER INSTITUTE shall be solely responsible for payment of GST or any other taxes that may be applicable, in respect of fees collected by the PARTNER INSTITUTE for CPBFI and FINSERV shall not have any liability towards the same. The PARTNER INSTITUTE agrees that FINSERV shall not have any liability, monetary or otherwise, in the event of any action is taken against the PARTNER INSTITUTE by any tax authorities. The PARTNER INSTITUTE agrees to fully compensate FINSERV in case any action is taken against FINSERV by any such tax authority in respect of conduct of CPBFI by the PARTNER INSTITUTE under this MOU.
- xvi. The PARTNER INSTITUTE shall submit the information specified in Annexure 3 before commencement of every batch to FINSERV.





4. Batch Strength:

The parties agree that, each batch shall consist of minimum 45 and maximum 60 students. FINSERV and the PARTNER INSTITUTE may mutually decide to start a batch with less than 45 students.

5. Term of the MOU:

The term of this MOU is for a period commencing from signing of this MoU till end of March 31, 2024, except Clause 3(xiii) and Clause 14, which shall continue to be in force for a further period of 3 years from the date of termination of this MOU. The parties may decide to further extend the term of this MOU by mutual consent on such terms and conditions as may be agreed between them.

6. Course fees:

- i. PARTNER INSTITUTE shall charge a non-refundable fee of Rs. 1000(Rupees One Thousand only) plus applicable GST and other taxes, to each of the students of CPBFI towards the course fees. The fee payable by each student shall not be less than Rs. 1,000 (Rupees one thousand only) plus applicable taxes and shall not exceed Rs. 3,000 (Rupees three thousand) plus applicable taxes. The fees specified here shall be valid for two years from signing of this MOU. The fees shall be reviewed on completion of this period and parties may mutually agree to revise the same from time to time.
- ii. On successful completion of every batch (i.e. If the overall attendance of the students is in excess of 75%) of CPBFI-CLASSROOM and CPBFI-BLENDED, FINSERV shall pay an amount of Rs. 500 (Rupees Five Hundred only) per student to the PARTNER INSTITUTE as a fee subsidy. The fee subsidy shall be paid by FINSERV within 2 weeks from completion of every batch and submission of bank account information as per Annexure 3. The method for calculating the overall attendance in respect of CPBFI batches, is included in Annexure 2.
- iii. The PARTNER INSTITUTE has agreed to suitably remunerate the coordinator and other staff members for their effort towards successful conduct of CPBFI Batch.
- iv. The PARTNER INSTITUTE, may at its own discretion, waive the fees of students from economically weaker sections, provided the number of such students does not exceed 15% of total enrolment in the respective batch.
- v. The PARTNER INSTITUTE shall ensure that no student shall be allowed to attend CPBFI without paying the full fees except those permitted under sub-clause iv above.
- vi. The PARTNER INSTITUTE shall submit to FINSERV, before commencement of any batch, extracts of bank statement or copies of cash receipts or a letter from the Registrar or Sub-Registrar confirming collection of fees from every participant.

7. Duration and contents of CPBFI:

- i. CPBFI shall commence from October 2021. The said Programme will involve training of about 100 hours.
- ii. The PARTNER INSTITUTE has agreed to mobilize, on best effort basis, at least 40 students in first academic year and at least 80 students from second academic year onwards. The PARTNER INSTITUTE shall decide the batch schedule and timings and inform the schedule to FINSERV at least 45 days before commencement of the batch.





- iii. FINSERV shall arrange to make the faculty available as per the schedule informed by the PARTNER INSTITUTE.
- iv. Detailed schedule of the lectures and practical shall be given in advance to students before commencement of CPBFI.

8. Place of teaching:

i. The CPBFI classroom teaching and practical shall be conducted at Awadhesh Pratap Singh University, Rewa by the CPBFI Official Training Partner, for up to four hours a day on such days, dates and at such timings as may be mutually decided between the parties.

9. Eligibility for CPBFI:

- i. Any student who is studying in the final year of Graduation Programme or pursuing any post-graduation programme shall be eligible to apply for admission to CPBFI.
- ii. Additionally, any fresh graduate i.e. a graduate with less than 2 years of work experience or no work experience, shall also be eligible to apply for admission to CPBFI.
- iii. Only candidates who are less than 27 years old, on the date of application, are eligible to apply for admission to CPBFI.
- iv. The PARTNER INSTITUTE shall select the final list of candidates for admission based on the criteria mutually agreed upon by the PARTNER INSTITUTE and FINSERV from time to time.

10. Discipline and right to expel:

- i. The students of CPBFI-CLASSROOM and CPBFI-BLENDED shall be subject to rules of discipline/code of conduct of the PARTNER INSTITUTE during course period. In case of CPBFI ONLINE, the students shall be subject to rules of discipline/code of conduct of the CPBFI Official Training Partner.
- ii. If the concerned CPBFI Official Training Partner observes a breach of code of conduct by any student, it shall immediately report the same to the CPBFI Coordinator for necessary action.
- iii. If any participant commits breach of code of conduct of the PARTNER INSTITUTE, the faculty shall have full authority to expel such student for the remaining duration of CPBFI.

11. Faculty:

- i. FINSERV shall be solely responsible for arranging, through a CPBFI Official Training Partner, faculty, with requisite industry and teaching experience, and conducting CPBFI efficiently and effectively. The PARTNER INSTITUTE shall not be responsible for making any payments to the faculty of the CPBFI Official Training Partner.
- ii. Some of the lectures of CPBFI may be conducted by the experts from FINSERV as per the understanding between the parties. However, the PARTNER INSTITUTE shall not be liable to pay any amounts to FINSERV towards the said lectures and no amounts shall be deducted from the amounts payable to the PARTNER INSTITUTE.





12. Certification:

FINSERV and the PARTNER INSTITUTE shall issue a "Certificate of Completion" in "Certificate Programme in Banking, Finance and Insurance" to the eligible students of CPBFI-CLASSROOM and CPBFI-BLENDED. The certificates shall be printed by FINSERV and shall carry the logos of FINSERV, the PARTNER INSTITUTE and the concerned CPBFI Official Training Partner.

FINSERV shall issue a "Certificate of Completion" in "Certificate Programme in Banking, Finance and Insurance" to the eligible students of CPBFI-ONLINE. The certificates shall be in digital format and shall carry the logos of FINSERV, the PARTNER INSTITUTE and the concerned CPBFI Training Partner.

13. Further Agreements:

The parties agree that, they may mutually discuss and enter into further agreements, if needed.

14. Confidentiality:

- i. The Parties agree to maintain strict secrecy and confidentiality regarding any and all Confidential Information exchanged or to be exchanged between them in relation to this MOU.
- ii. The PARTNER INSTITUTE agrees that all the course material provided by FINSERV or the CPBFI Official Training Partner, including but not limited to CPBFI structure, curriculum, lesson plans and evaluation methods, shall be deemed to be Confidential Information.
- iii. The PARTNER INSTITUTE agrees that any of FINSERV's technical or business or other information including information given for development of any case studies / development of any program modules / contents, made available by FINSERV or its personnel to the PARTNER INSTITUTE shall be deemed to be Confidential Information.
- iv. The PARTNER INSTITUTE agrees to restrict access and disclosure of Confidential Information to such of their employees, agents, vendors, and contractors strictly on a "need to know" basis, to maintain confidentiality of the Information disclosed to it in accordance with this clause.
- v. Information and material disclosed and provided by each party to the other party in pursuance of or in connection with performance of its obligation under this MOU shall, at all times, remain the sole and exclusive property of the disclosing Party.
- 15. Intimation about cancellation/postponement of CPBFI:
 - i. If due to any cogent reasons, it appears to the PARTNER INSTITUTE that it is unable to arrange any batch as per schedule, the PARTNER INSTITUTE shall intimate about its inability to FINSERV at least 30 days in advance and the parties shall decide further schedule of CPBFI by mutual consent. FINSERV may decide to complete such batches through online classes.
 - ii. However, if such postponement or cancellation is necessitated due to any last minute, unforeseen and unavoidable circumstances like Act of God, civil commotion, strike, bandh, disruption of traffic, epidemic, war, aggression, change in Government Policy or any other similar circumstances, the PARTNER INSTITUTE shall intimate the change in schedule as early as possible after such circumstances as stated above have arisen. In such circumstances, the PARTNER INSTITUTE shall not be held liable for payment towards any loss or damages caused to FINSERV due to delay in its schedule.



iii. If for any reason, FINSERV, decides to discontinue support for CPBFI, it shall give a written notice to the PARTNER INSTITUTE, 30 days in advance. Such notice shall not impact any batch which is already in progress on the date of notice and the terms of this MOU shall continue to apply to the running batches.

16. Amendment/Termination:

- i. Any amendment to the terms of this MOU can only be made by mutual consent of the parties.
- ii. This MOU may be terminated by either party, for breach of terms and conditions of the present MOU or otherwise, by a written notice of at least one (1) month in advance. Such notice of termination shall not interfere with the batches underway at the relevant time. Such batches shall be allowed to continue until their conclusion.
- iii. Both the parties agree that Finserv shall have the right of terminating this MOU without any notice to the PARTNER INSTITUTE, if the PARTNER INSTITUTE charges a fee exceeding the amount prescribed under Clause 6(i) of this MOU. In such event, the batches underway at the relevant time, may also be terminated by FINSERV, unless the PARTNER INSTITUTE refunds the excess fee charged to every student of the batch.

17. Applicable Law and Dispute Settlement:

- i. This MOU shall be governed by the Laws of India.
- ii. Any dispute arising between the parties in connection with or arising out of the performance of mutual obligations under this MOU shall be resolved by mutual discussion and consultation. If the dispute remained unresolved even after 30 days, then the dispute shall be referred to the Registrar of Awadhesh Pratap Singh University and Mr. V. Rajagopalan, President (Legal and Taxation), Bajaj Finserv Limited. The decision of the Registrar of Awadhesh Pratap Singh University and Mr. Rajagopalan shall be final and binding on both parties.
- 18. Originals:

This MOU is executed in counterparts, each of which shall be deemed to be original and retained by each of the Parties but together they shall constitute one and the same MOU.

IN WITNESS WHEREOF, the Parties hereto have put their hands the day, month and the year first hereinabove mentioned.

For Awadhesh Pratap Singh University

Name: Prof. Surendra Singh Designation: Registrar

Witness

Full Name: Prof. Atul Pandey Designation: Prof. & Head, Dept. of Business Administration, A.P.S. University, Rewa (MP)



For Bajaj Finance Limited

Name: V. Rajagopalan Designation: President (Legal and Taxation)

Witness

Full Name: Ajay Sathe Designation: Group Head – Customer Experience and CSR



For Bajaj Finserv Limited

Name: V. Rajagopalan Designation: President (Legal and Taxation)



Full Name: Ajay Sathe Designation: Group Head – Customer Experience and CSR



Annexure 1: Format for submission of student information

The PARTNER INSTITUTE shall provide the following information in respect of every student of CPBFI

- 1. Full Name:
- 2. Gender:
- 3. Academic qualification: If already graduate mention the degree. If pursuing graduation, mention the degree for which studying.
- 4. Status: Mention "Complete" if the candidate is already a graduate. Mention "Pursuing" in case of final year students.
- 5. Date of Birth: in DD/MM/YYYY format
- 6. Mobile Number:
- 7. Email Address:

Annexure 2: Methodology for Calculating Overall Attendance of the Batch

The steps and formula for calculating overall attendance are as under.

- 1. Enrollment: Number of students who have registered and paid fees for CPBFI
- 2. Drop-outs: Number of students who stopped attending CPBFI during the batch
- 3. Regular students: Enrollment minus Drop Out
- 4. Total available student days: Number of regular students multiplied by total duration of CPBFI (number of days. E.g. 40 days)
- 5. Actual student days: Sum of days attended by each regular student.
- 6. Overall attendance (%) = Actual Student Days / Available Student Days X 100

Example: In a CPBFI batch 43 students registered and paid fees. By end of first week 3 students stopped attending the batch. The batch was conducted for 40 days. Out of the 40 regular students – 10 attended every class, 15 attended for 35 days, 10 attended for 33 days and 5 attended by 30 days. Overall attendance will be calculated as under. Enrollment: 43

Drop-out: 3 Regular students: 40 Available days: 40 X 40 i.e. 1600 Actual days: (10 X 40) + (15 X 35) + (10 X 33) + (5 X 30) = 400 + 525 + 330 + 150 = 1405 Overall attendance: (1405 / 1600) X 100 = 87.81%





Sr.	Information Required		
1	Basic information about the PARTNER INSTITUTE viz.		
	Name		
	Year of establishment		
	Name of the educational society		
	Contact details		
	Website URL		
	NAAC rating		
	Total number of students (by stream)		
	Total final year students (by stream)		
2	Coordinator Details viz.		
	Name		
	Designation		
	Department (Commerce/Science etc.)		
	Contact details: Mobile and Email Address		
3	Bank Details for payment of subsidy viz.		
	Beneficiary Name:		
	Bank Account number:		
	Bank Account Type: (Saving/current)		
	Bank Name:		
	Branch:		
	IFSC Code:		
	Permanent Account Number of the college (PAN):		
	Please provide scanned copy of a cancelled cheque and PAN Card along with the above		
	information		
4	High resolution logo of the college for printing on the Certificate/CPBFI brochures etc.		
	Ai, JPEG, PNG, PDF Format. The image should be high resolution.		
5	Brief write up about the institute – for inclusion on CPBFI website, CV book etc.		

Annexure 3: Information required by FINSERV before commencement of every batch



~

5



Annexure 4: Appointment Letter for appointing Coordinator for CPBFI (to be printed on PARTNER INSTITUTE letterhead)

Date: To (Name of the coordinator) (Designation of the coordinator)

Subject: Your appointment as the official coordinator for the Bajaj Finserv CPBFI Programme

Dear

I am pleased to inform you that you have been appointed as the official coordinator for conducting Bajaj Finserv's CPBFI Programme in our college. Congratulations!

As official coordinator of the CPBFI programme, you will be responsible for ensuring that the programme is successfully conducted in our college, in accordance with the terms and conditions prescribed in the MOU signed between our institute and Bajaj Finserv Limited and Bajaj Finance Limited. Your specific responsibilities are mentioned in Clause 3(iii) of the said MOU. You will also abide by the other terms of the MOU, specifically those relating to confidentiality of information.

The college will be pay you a consolidated amount of Rs. ______ (Rupees ______) for every successful batch of CPBFI, coordinated by you. This amount shall be subject to applicable taxes.

This appointment is valid for the academic year _____, subject to satisfactory performance.

Kindly confirm your acceptance to this appointment by signing this letter.

For: (College name)

Authorized signatory (Name and designation)

I agree to the terms of this appointment letter.

Coordinator (name and signature)





DEPARTMENT OF BUSINESS ADMINISTRATION

व्यावसायिक प्रशासन विभाग



Awadhesh Pratap Singh University अवधेश प्रताप सिंह विश्वविद्यालय Rewa 486003 (M.P.)

Ref: 2021/210

Date: 30/9/2/

To,

Ms. Archana Bhat CPBFI-Training Operator, Bajaj Finserv Limited, 6th Floor, Bajaj Finserv Corporate Office, Off Pune, Ahmednagar Road, Viman Nagar, Pune-411014, Maharashtra

Subject: Regarding MOU between Awadhesh Pratap Singh University, Rewa (MP) and Bajaj Finserv, Pune (Maharashtra).

Reference: Your letter dated 8th September 2021.

Dear Madam,

It's a great pleasure for us that your organisation **Bajaj Finserv** has decided to partner with our University through an **MOU** for organising **CPBFI** for our students to impart practical knowledge and essential skills with a view to create employment opportunities for them in Banking, Finance and Insurance Companies. We highly appreciate this CSR initiative of your esteemed organisation and feel elevated to be a part of such a positive initiative for the welfare of youngsters.

As desired, we are enclosing herewith two sets of the **MOU** contract between Awadhesh Pratap Singh University, Rewa (MP) and Bajaj Finserv, Pune (Maharashtra) duly signed by the Registrar of the university and me as eyewitness. We are looking forward to our fruitful association through this valuable MOU. Please feel free to contact me, if you have any questions in this regard.

Thanks & regards.

Yours faithfully,

Atul Pandiy (Prof. Atul Pandey) Encl.: As above

> e-mail:info@dbarewa.com website : www.dbarewa.com

Memorandum of Understanding

ThisMemorandumofUnderstandingisenteredon 3/11/21 ("Effective Date") by and between Edunet Foundation having its office at A-11-1105, Arcadia South City 2, Gurgaon 122018, India (hereinafter referred to as "Edunet");and

A.P.S. University, REAL			
Still King	having	its	address
- But the second second			

(hereinafter referred to as 'Institution').

Whereas Edunet is a non-profit organization with multiple programs, sponsored by government

corporateentities, that are offered free to learners across the education spectrum, including but not limited to the Tech Saksham Program (www.techsaksham.org).

Whereas, Institution is a premier institution with the following details.

Established (year):	10th July, 1966
Recognition, NAAC rating, ranking:	6
Vision:	Fate premier institution, that affect teaching a linearly

And whereas, the Parties seek to collaborate with each other to mutually complement their synergies and to jointly work on building capacity of learners through one or more of the programs managed by Edunet.

Now therefore, this Memorandum of Understanding (hereinafter called 'MOU') witnesses the following.

encommenoloceperiodoranercompletingaliongoingactivitiessotnatthebeneticiaries(learnersand teachers) are not negatively impacted, whichever islater.

- Non-bindingnatureofthisMOU: TheMOUIsnotbindingoneitherPartyandeachisworkingwith the other out of sheer good-will and for the benefit of thelearners.
- EachPartyisresponsibleforitsowncosts:BoththeInstitutionandEdunetwillindependentlymana ge their cost towards fulfilment of obligations under thisMOU.
- 4 Single Point of Contact (SPOC) for program co-ordination. Both the Parties shall appoint a suitable

personwhowiilserveasasingleofcontactonallmattersrelatedtoprogramrollout Individuallearners andteachersmaybeintouchwithcorrespondingtrainers,mentors,advisorsandpeersduringprogra m rollout but all matters related to the execution of this MOU shall reside with theSPOC.

SocietyforInclusiveEducation(SIE):ThisisastudentledinitiativemanagedandsupportedbyEdu
riet that seeks to provide ubiquitous high quality learning opportunities to underserved

1.19/3

21:

communities through government and private schools/colleges around india. The Institute will chapter set UD a SocietyforInclusiveEducationonilscampus ThischapterwillmakeEdunelprogramsavailabletoloc alunderserved institutions and/or student communities through community work classroom sessions, fund raisers to purchase equipment and free learning platforms Office bearers will be chosen by the institute in the first year. They may be either chapter SIE The years. second nominated elected Of havemembersfromwithinthelocalstudentcommunitywhoarewillingcontributesometimetowar ds betterment of society. All members of SIE chapter at the Institution will be issued with CAS/Community their them meet will help appropriate certification that Work/SUPWrequirements.

6. Program Calendar: The SPOCs from both Parties will work with their respective internal stakeholders

todevelopacalendarfortheprogram(s)rolloutatthestartofeveryquarter. This calendar will then by synchronized and published for use byeveryone.

- 7. Responsibilities of Edunet and/or its programsponsors/partners
 - Orientation sessions: Edunet will conduct orientation sessions for learners and 2 educators, at a mutually agreed schedule, to onboard them onto theprogram(s)
 - b. Program materials: Edunet will share all program materials with the institution and/or learners as required. All sharing will be online and/or through electronicmedia.
 - c. Face to face, instructor led sessions: For learners in the Tech Saksham Program, face to face ILT sessions will be organized on campus and will be delivered by Edunet Trainers to program beneficiaries
 - d. Online instructor led sessions These sessions may take the form of webmars or mentoring workshops or technology bootcamps or innovation camps or career readiness workshops that will seek to assist learners in their career goals. These as per regular organized be programs will aregularcalendar, published on line and will be conducted by Edunette ammembers or program sponsors or external stakeholders asappropriate.
 - e Interaction with Industry experts: Edunet will bring industry experts to the Institute to drive engagements with students through seminars/webinars or projectmentorship.
 - Online platform availability: Online platforms for each of the programs of interest to f. the institution will be made available to it. Links for these platforms will be made available to the Institution in a timelymanner
 - g. Assessments:Edunetwillconductassessments, asrequired, foritsprogramspriortocertificat ion by Edunet and/or its industry partners and/or participating governmentagencies.
 - b. For programs with career paths: Edunet will provide linkages with local and regional industry governmentandthelocalstartupecosystem(incubatorsetc)thatwillhelplearnerswithgainful employment and/or entrepreneurial opportunities. Interactions will be encouraged in terms of classrooms sessions. workshops. internship opportunities. career opportunities and entrepreneurshipopportunities
 - I. SIE support: Edunet will support the SIE chapter in the Institute with all support required. A separate program manual and guidelines will be sent to the SPOC.
 - Updates:EdunetwillkeepInstitutionmanagementupdatedwiththeprogressoftheprogram(s)
- 8. Responsibilities of institution
 - a Learner Identification Institute will identify learners volunteers and instructors who may participate in one or more programs offered byEdunet
 - 5. Supportwithorientationsessions. InstitutewillsupportEdunetconductorientationsession
 - c. Publication of program calendars and goals: Institute will publish, on a quarterly basis, a program calendar for all itsparticipants

Pagerers

- Supportwithcomputerslabsandclassrooms. Institute will make its labsavailable to learner 3 s It will make classrooms and/or audio-visual equipment available for face to face
- e Supportwithattendance.Institutewillensurethalprogramparticipantsenthusiasticallypartici
- pate in chosen programs, with minimum attendance as agreed between the Parties. Support with assessments. Institute will ensure that assessments carried onsite are
- g SIEchapter. The institute will support the SIE chapter, led by its students, to the extent possible. h. No fees: Institute will not charge any extra fees from learners for participation in Edunet

IN WITNESS WHEREOF, the parties hereto have executed this MOU on the Effective Date.

For Institution

Name. Designation gistrar Institutional Sedimiversity Mons. (M. P.)

For Edunet Foundation

Name: NEERAJ BAGG Designation TRUSTEE



MEMORANDUM OF UNDERSTANDING (MoU)

BETWEEN

Department of Business Administration, Awadhesh Pratap Singh University, Rewa (MP)

AND

Badrika Motors Pvt. Ltd., Rewa (MP)

This Memorandum of Understanding (hereinafter called as the 'MoU') is entered into on this the 23 day of Month 2021 September by and between. Department of Business Administration, Awadhesh Pratap Singh University, Rewa (MP), the First Party represented herein by its Principal / Director / Head of Institution Department of Business Administration, Awadhesh Pratap Singh University, Rewa (MP), And Badrika Motors Pvt. Ltd., Rewa (MP). The Second party, and represented herein by its Centre Head / Director / Managing Director. Mr. Sunil Singh, MD, Badrika Moters Pvt. Ltd., Rewa (MP).

WHEREAS:

A) First Party is a Higher Educational Institution named: Department of Business Administration, Awadhesh Pratap Singh University, Rewa (MP)

B) First Party & Second Party believe that collaboration and co-operation between themselves will promote more effective use of each of their resources, and provide each of them with enhanced opportunities.

C) The Parties intent to cooperate and focus their efforts on cooperation within area of Skill Based Training, Education, Placement, Industrial Visit, Expert Lecture.

D) Badrika Motors Pvt. Ltd., Rewa (MP). - the Second Party is engaged in Automobiles Business.

NOW THEREFORE, IN CONSIDERATION OF THE MUTUAL PROMISES SET FORTH IN THIS MOU, THE PARTIES HERETO AGREE AS FOLLOWS:



For Badrika M

CLAUSE 1

CO-OPERATION

- 1.1 Both Parties are united by common interests and objectives, and they shall establish co-operation.
- 1.2 First Party and Second Party co-operation will facilitate effective utilization of the intellectual capabilities.
- 1.3 The parties shall co-operate with each other and shall as promptly as is responsibly practical, relevant agreement.

CLAUSE 2 SCOPE OF THE MOU

2.1 Industrial Training & Visits: Industry and Institution interaction will provide an insight into the latest developments / requirements of the industries; the Second Party to permit the Faculty and Students of the First Party to visit its group companies and also involve in Industrial Training Programs for the First Party. This will provide confidence & smooth transition for students work. Also the Second party may register on the AICTE Internship Portal for the benefit of students.

2.2 Guest Lectures: Second Party to extend the necessary support to deliver guest lecturers to the students of the First Party on the technology trends and in house requirements.

2.3 Placement of trained students: second party will actively engage to help the delivery of the training and placement of the students of the first party on the technology trends and in house requirements.

2.4 There is no financial commitment on the part of the Department of Business Administration, Awadhesh Pratap Singh University, Rewa (MP), the first party to take up any program mention in MoU. If there is any financial consideration, it will be dealt separately.

2.5 Both Parties to obtain all internal approvals, consents, permissions, and licenses of whatsoever nature required.

CLAUSE 3 VALIDITY

3.1 This Agreement will be valid until it is expressly terminated by either Party on mutually agreed terms, during which period, the Second Part.

RELATIONSHIP BETWEEN THE PARTIES CLAUSE 4

5.1 It is expressly agreed that First Party and Second Party are acting order this MOU as independent contractors, and the relationship established under this MOU shall not be construed as a parmership.

Atul Paul Ren	Alat Panding 249121	For Badrits Motors Pvt. Ltd.
2494	Head,	Director
First Party	Department of Businees Adminstratio, A. P. S. University, Rewa (M. P.)	Second



MEMORANDUM OF UNDERSTANDING (MoU) BETWEEN Department of Business Administration, Awadhesh Pratap Singh University, Rewa (MP) AND

UK Publications Pvt Ltd, Indore (MP)

This Memorandum of Understanding (hereinafter called as the 'MoU') is entered into on this the 23 day of Month 2021 September by and between. Department of Business Administration, Awadhesh Pratap Singh University, Rewa (MP), the First Party represented herein by its Principal / Director / Head of Institution Department of Business Administration, Awadhesh Pratap Singh University, Rewa (MP), And UK Publications Pvt Ltd, Indore (MP). The Second party, and represented herein by its Centre Head / Director / Managing Director. Mr. Ashish Singh, MD, UK Publications Pvt Ltd, Indore (MP).

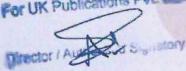
WHEREAS:

A) First Party is a Higher Educational Institution named: Department of Business Administration, Awadhesh Pratap Singh University, Rewa (MP).

B) First Party & Second Party believe that collaboration and co-operation between themselves will promote more effective use of each of their resources, and provide each of them with enhanced opportunities.

C) The Parties intent to cooperate and focus their efforts on cooperation within area of Skill Based Training, Education, Placement, Industrial Visit, Expert Lecture.

D) UK Publications Pvt Ltd, Indore (MP). - the Second Party is engaged in Book Publishing. NOW THEREFORE, IN CONSIDERATION OF THE MUTUAL PROMISES SET FORTH IN THIS MOU, THE PARTIES HERETO AGREE AS FOLLOWS:



en.co.m.) www.ukpublication.co.in



UK Publications Pvt. Ltd. Indore | Jaipur | Mumbai | Singapore

Admin Office: SK 113, Shyam Heights Bicholi Mardana, Indore 452016 (M.P.) Tel : 0731 4098744, 4032177, 82368 22680 Regd. Office: SK 113, Shreel Valley, Bicholi Mardana, Indore 452016 (M.P.) Singapore Office : Block 124#06-400, Tampines, Street 11, 521124 Regd. Office: 0 - 5A, Shreel Valley, Bicholi Mardana, Indore 452016 (M.P.) Singapore Office : Block 124#06-400, Tampines, Street 11, 521124 Jaipur Office : 436, North Tower A, North Block, World Trade Park, JLN Marg. 0141 2728092



CLAUSE 1 : CO-OPERATION

- 1.1 Both Parties are united by common interests and objectives, and they shall establish co-operation.
- 1.2 First Party and Second Party co-operation will facilitate effective utilization of the intellectual capabilities.
- 1.3 The parties shall co-operate with each other and shall as promptly as is responsibly practical, relevant agreement.

CLAUSE 2 : SCOPE OF THE MoU

2.1 Industrial Training & Visits: Industry and Institution interaction will provide an insight into the latest developments / requirements of the industries; the Second Party to permit the Faculty and Students of the First Party to visit its group companies and also involve in Industrial Training Programs for the First Party. This will provide confidence & smooth transition for students work. Also the Second party may register on the AICTE Internship Portal for the benefit of students.

2.2 Guest Lectures: Second Party to extend the necessary support to deliver guest lecturers to the students of the First Party on the technology trends and in house requirements.

2.3 Placement of trained students: second party will actively engage to help the delivery of the training and placement of the students of the first party on the technology trends and in house requirements.

2.4 There is no financial commitment on the part of the Department of Business Administration, Awadhesh Pratap Singh University, Rewa (MP), the first party to take up any program mention in MoU. If there is any financial consideration, it will be dealt separately.

2.5 Both Parties to obtain all internal approvals, consents, permissions, and licenses of whatsoever nature required.

CLAUSE 3 : VALIDITY

3.1 This Agreement will be valid until it is expressly terminated by either Party on mutually agreed terms, during which period, the Second Part.

For UK Publications Pvt. Ltd.

UK Publications Pvt. Ltd.

Indore | Jaipur | Mumbai | Singapore

Admin Office: SK 113, Shyam Heights Bicholi Mardana, Indore 452016 (M.P.) Tel : 0731 4098744, 4032177, 82368 22680 Regd, Office: O - 5A, Shreey Valley, Bicholi Mardana, Indore 452016 (M.P.) Singapore Office: Block 124#06-400, Tampines, Street 11, 52124 Jaipur Office: 436, North Tower A, North Block, World Trade Park, JLN Marg, 0141 2728092



CLAUSE 4 : RELATIONSHIP BETWEEN THE PARTIES

4.1 It is expressly agreed that First Party and Second Party are acting under this MOU as independent contractors, and the relationship established under this MOU shall not be construed as a partnership.

First Party

12319/21 Head.

Department of Businees Adminstration A. P. S. University, Rewa (M. P.)

Second Party A.



UK Publications Pvt. Ltd. Indore | Jaipur | Mumbai | Singapore

Admin Office: SK 113. Shyam Heights Bicholi Mardana, Indore 452016 (M.P.) Tel : 0731 4098744, 4032177, 82368 22680 Regd. Office: O - 5A. Shreeji Valley, Bichol Mardana, Indore 452016 (M.P.) Singapore Office : Block 124#06-400, Tampines, Street 11, 521124 Jalpur Office: 436, North Tower A. North Block, World Trade Park, J.N. Marg. 0141 2728092

coin I www.ukpublication.co.in

MEMORANDUM OF UNDERSTANDING (MoU)

BETWEEN

Department Of Business Administration (APSU) Rewa AND Lugsto Services Private Limited

This Memorandum of Understanding (hereinafter called as the 'MoU') is entered into on this the

Department of Business Administration (APSU) Rewa, the first Party represented herein by its Principal / Director / Head of Department Dr. Atul Pandey, And Lugsto Services Private Limited. The second party, and represented herein by Director Mr. Manish Agrawal WHEREAS

A) First Party is a Higher Educational Institution named Department of Business Administration (APSU) Rewa

B) First Party & Second Party believe that collaboration and co-operation between themselves will promote more effective use of each of their resources, and provide each of them with enhanced opportunities.

C) The Parties intent to cooperate and focus their efforts on cooperation within area of Skill Based Training, Education, Placement, Industrial Visit, Expert Lecture.

D) Lugsto Services Private Limited (Noida) - the Second Party is engaged in Luggage Storage Services.

NOW THEREFORE, IN CONSIDERATION OF THE MUTUAL PROMISES SET FORTH IN THIS MOU, THE PARTIES HERETO AGREE AS FOLLOWS:

CLAUSE 1

CO-OPERATION

- 1.1 Both Parties are united by common interests and objectives, and they shall establish co-operation.
- 1.2 First Party and Second Party co-operation will facilitate effective utilization of the intellectual
- 1.3 The parties shall co-operate with each other and shall as promptly as is responsibly practical, relevant agreement.

CLAUSE 2

SCOPE OF THE MoU

2.1 Industrial Training & Visits: Industry and Institution interaction will provide an insight into the latest developments / requirements of the industries; the Second Party to permit the Faculty and Students of the First Party to visit its group companies and also involve in Industrial Training Programs for the First Party. This will provide confidence & smooth transition for students work. Also the Second party may register on the AICTE Internship Portal for the benefit of students.



2.2 Guest Lectures: Second Party to extend the necessary support to deliver guest lecturers to the students of the First Party on the technology trends and in house requirements.

2.3 Placement of trained students: second party will actively engage to help the delivery of the training and placement of the students of the first party on the technology trends and in house requirements.

2.4 There is no financial commitment on the part of the **Department of Business Administration** (APSU) Rewa, the first party to take up any program mention in MoU. If there is any financial consideration, it will be dealt separately.

2.5 Both Parties to obtain all internal approvals, consents, permissions, and licenses of whatsoever nature required.

CLAUSE 3

VALIDITY

3.1 This Agreement will be valid until it is expressly terminated by either Party on mutually agreed terms, during which period, the Second Part.

CLAUSE 4

RELATIONSHIP BETWEEN THE PARTIES

5.1 It is expressly agreed that First Party and Second Party are acting under this MOU as independent contractors, and the relationship established under this MOU shall not be construed as a partnership.

First Party

Second Party

Department Of Business Administration (APSU) Rewa

Head of

Atul landy 22/9/21 Head, 22/9/21

A. P. S. University, Rewa (M. P.)

For Lugsto Services Private Limited Authorised Signatory

Lugsto Services Private Limited

MEMORANDUM OF UNDERSTANDING (MoU)

BETWEEN

Department of Business Administration, Awadhesh Pratap Singh University, Rewa (MP) AND

R. K. Engineering Corporation, Industrial Area Raipur (CG)

This Memorandum of Understanding (hereinafter called as the 'MoU') is entered into on this the 23day of Month2021Septemberby and between.Department of Business Administration, Awadhesh Pratap Singh University, Rewa (MP), the First Party represented herein by its Principal / Director / Head of Institution Department of Business Administration, Awadhesh Pratap Singh University, Rewa (MP), And R. K. Engineering Corporation, Industrial Area Raipur (CG). The Second party, and represented herein by its Centre Head / Director / Managing Director.Mr. Rajendra Shukla, CEO, R. K. Engineering Corporation, Industrial Area Raipur (CG).

WHEREAS:

A) First Party is a Higher Educational Institution named: Department of Business Administration, Awadhesh Pratap Singh University, Rewa (MP).

B) First Party & Second Party believe that collaboration and co-operation between themselves will promote more effective use of each of their resources, and provide each of them with enhanced opportunities.

C) The Parties intent to cooperate and focus their efforts on cooperation within area of Skill BasedTraining, Education, Placement, Industrial Visit, Expert Lecture.

D) R. K. Engineering Corporation, Industrial Area Raipur (CG).- the Second Party is engaged in Automobiles Business.

NOW THEREFORE, IN CONSIDERATION OF THE MUTUAL PROMISES SET FORTH IN THIS MOU, THE PARTIES HERETO AGREE AS FOLLOWS:





CLAUSE 1

CO-OPERATION

- 1.1 Both Parties are united by common interests and objectives, and they shall establish co-operation.
- 1.2 First Party and Second Party co-operation will facilitate effective utilization of the intellectual capabilities.
- 1.3 The parties shall co-operate with each other and shall as promptly as is responsibly practical, relevant agreement.

CLAUSE 2 SCOPE OF THE MoU

2.1 Industrial Training & Visits: Industry and Institution interaction will provide an insight into the latest developments / requirements of the industrics; the Second Party to permit the Faculty and Students of the First Party to visit its group companies and also involve in Industrial Training Programs for the First Party. This will provide confidence & smooth transition for students work. Also the Second party may register on the AICTE Internship Portal for the benefit of students.

2.2 Guest Lectures: Second Party to extend the necessary support to deliver guest lecturers to the students of the First Party on the technology trends and in house requirements.

2.3 Placement of trained students: second party will actively engage to help the delivery of the training and placement of the students of the first party on the technology trends and in house requirements.

2.4 There is no financial commitment on the part of the **Department of Business** Administration, Awadhesh Pratap Singh University, Rewa (MP), the first party to take up any program mention in MoU. If there is any financial consideration, it will be dealt separately.

2.5 Both Parties to obtain all internal approvals, consents, permissions, and licenses of whatsoever nature required.

CLAUSE 3VALIDITY

3.1 This Agreement will be valid until it is expressly terminated by either Party on mutually agreed terms, during which period, the Second Part.

CLAUSE 4

RELATIONSHIP BETWEEN THE PARTIES

5.1 It is expressly agreed that First Party and Second Party are acting under this MOU as independent contractors, and the relationship established under this MOU shall not be construed as a partnership.





Centre Head

MEMORANDUM OF UNDERSTANDING (MoU)

BETWEEN

Department of Business Administration, Awadhesh Pratap Singh University, Rewa

(MP)

AND

Badrika Builders and Developers Pvt. Ltd., Rewa (MP).

This Memorandum of Understanding (hereinafter called as the 'MoU') is entered into on this the 23 day of Month 2021 September by and between. Department of Business Administration, Awadhesh Pratap Singh University, Rewa (MP), the First Party represented herein by its Principal / Director / Head of Institution Department of Business Administration, Awadhesh Pratap Singh University, Rewa (MP), And Badrika Builders and Developers Pvt. Ltd., Rewa (MP). The Second party, and represented herein by its Centre Head / Director / Managing Director. Mr. Sunil Singh, MD, Badrika Builders and Developers Pvt. Ltd., Rewa (MP).

WHEREAS:

A) First Party is a Higher Educational Institution named: Department of Business Administration, Awadhesh Pratap Singh University, Rewa (MP).

B) First Party & Second Party believe that collaboration and co-operation between themselves will promote more effective use of each of their resources, and provide each of them with enhanced opportunities.

C) The Parties intent to cooperate and focus their efforts on cooperation within area of Skill Based Training, Education, Placement, Industrial Visit, Expert Lecture.

D) Badrika Builders and Developers Pvt. Ltd., Rewa (MP). - the Second Party is engaged in Construction & Development.

NOW THEREFORE, IN CONSIDERATION OF THE MUTUAL PROMISES SET FORTH IN THIS MOU, THE PARTIES HERETO AGREE AS FOLLOWS:



Sta Unilders & Levelopers

CLAUSE 1

CO-OPERATION

SCOPE OF THE MOU

- 1.1 Both Parties are united by common interests and objectives, and they shall establish co-operation.
- 1.2 First Party and Second Party co-operation will facilitate effective utilization of the intellectual capabilities.
- 1.3 The parties shall co-operate with each other and shall as promptly as is responsibly practical, relevant agreement.

CLAUSE 2

2.1 Industrial Training & Visits: Industry and Institution interaction will provide an insight into the latest developments / requirements of the industries; the Second Party to permit the Faculty and Students of the First Party to visit its group companies and also involve in Industrial Training Programs for the First Party. This will provide confidence & smooth transition for students work. Also the Second party may register on the AICTE Internship Portal for the benefit of students.

2.2 Guest Lectures: Second Party to extend the necessary support to deliver guest lecturers to the students of the First Party on the technology trends and in house requirements.

2.3 Placement of trained students: second party will actively engage to help the delivery of the training and placement of the students of the first party on the technology trends and in house requirements.

2.4 There is no financial commitment on the part of the **Department of Business** Administration, Awadhesh Pratap Singh University, Rewa (MP), the first party to take up any program mention in MoU. If there is any financial consideration, it will be dealt separately.

2.5 Both Parties to obtain all internal approvals, consents, permissions, and licenses of whatsoever nature required.

CLAUSE 3

VALIDITY

3.1 This Agreement will be valid until it is expressly terminated by either Party on mutually agreed terms, during which period, the Second Part.

CLAUSE 4

RELATIONSHIP BETWEEN THE PARTIES

5.1 It is expressly agreed that First Party and Second Party are acting under this MOU as independent contractors, and the relationship established under this MOU shall not be construed as a partnership.

Italland 13/9/21 **First Party** Party

Ospariment of Businees Adminstration P. S. University, Kewa (+ P.)

rika Builders & Developers (P.) Ltd Q Director) Second

MEMORANDUM OF UNDERSTANDING (MoU)

BETWEEN

Department of Business Administration, Awadhesh Pratap Singh University, Rewa

(MP)

AND

Royal Cars Pvt. Ltd., Satna (MP).

This Memorandum of Understanding (hereinafter called as the 'MoU') is entered into on this the 23 day of Month 2021 September by and between. Department of Business Administration, Awadhesh Pratap Singh University, Rewa (MP), the First Party represented herein by its Principal / Director / Head of Institution Department of Business Administration, Awadhesh Pratap Singh University, Rewa (MP), And Royal Cars Pvt. Ltd., Satna (MP). The Second party, and represented herein by its Centre Head / Director / Managing Director. Mr. Sunil Singh, MD, Royal Cars Pvt. Ltd., Satna (MP).

WHEREAS:

A) First Party is a Higher Educational Institution named: Department of Business Administration, Awadhesh Pratap Singh University, Rewa (MP).

B) First Party & Second Party believe that collaboration and co-operation between themselves will promote more effective use of each of their resources, and provide each of them with enhanced opportunities.

C) The Parties intent to cooperate and focus their efforts on cooperation within area of Skill Based Training, Education, Placement, Industrial Visit, Expert Lecture.

D) Royal Cars Pvt. Ltd., Satna (MP). - the Second Party is engaged in Automobiles Business.

NOW THEREFORE, IN CONSIDERATION OF THE MUTUAL PROMISES SET FORTH IN THIS MOU, THE PARTIES HERETO AGREE AS FOLLOWS:



Royal Cars F

CLAUSE 1

CO-OPERATION

- 1.1 Both Parties are united by common interests and objectives, and they shall establish co-operation.
- 1.2 First Party and Second Party co-operation will facilitate effective utilization of the intellectual capabilities.
- 1.3 The parties shall co-operate with each other and shall as promptly as is responsibly practical, relevant agreement.

CLAUSE 2

SCOPE OF THE MoU

2.1 Industrial Training & Visits: Industry and Institution interaction will provide an insight into the latest developments / requirements of the industries; the Second Party to permit the Faculty and Students of the First Party to visit its group companies and also involve in Industrial Training Programs for the First Party. This will provide confidence & smooth transition for students work. Also the Second party may register on the AICTE Internship Portal for the benefit of students.

2.2 Guest Lectures: Second Party to extend the necessary support to deliver guest lecturers to the students of the First Party on the technology trends and in house requirements.

2.3 Placement of trained students: second party will actively engage to help the delivery of the training and placement of the students of the first party on the technology trends and in house requirements.

2.4 There is no financial commitment on the part of the Department of Business Administration, Awadhesh Pratap Singh University, Rewa (MP), the first party to take up any program mention in MoU. If there is any financial consideration, it will be dealt separately.

2.5 Both Parties to obtain all internal approvals, consents, permissions, and licenses of whatsoever nature required.

CLAUSE 3

VALIDITY

3.1 This Agreement will be valid until it is expressly terminated by either Party on mutually agreed terms, during which period, the Second Part.

CLAUSE 4

RELATIONSHIP BETWEEN THE PARTIES

5.1 It is expressly agreed that First Party and Second Party are acting under this MOU as independent contractors, and the relationship established under this MOU shall not be construed as a partnership.

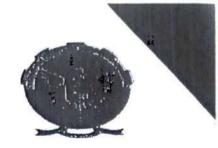


ecs Adminstra

ity, Rewa (M. P.)

Royal Cont. Ltd. Director





MEMORANDUM OF UNDERSTANDING

Among

Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal

& Awadhesh Pratap Singh University, Rewa

&

Secretary, Chancellor Rajbhawan, Bhopal Madhya Pradesh

FOR

Design, Development and Operations of "Integrated University Management System" (e-governance platform)

Page 1 of 7

CKGROUND:

RGPV the Technical University in Madhya Pradesh is the leader in University Automation the university since 2002 has been doing the process automation started with the Distributed Counseling for Online Admissions in the technical institutions, in 2008 the University has computerized its Examination Cell and made all the Pre and Post Examination process paperless with centralized Examination Control and Management for conducting Exams of 3.5 lakh students per Semester through its 125+ exam centre, in year 2010 University took another step towards adopting the Cashless system and Launched the University Portal <u>www.rgpv.ac.in</u> to connect 4.0 lakh students, 350+ institutions and all university teaching department with UITs to deliver single window solution to each stakeholder.

University will establish the e-Governance cell, under the MoU signed, to provide the Online Services to Students and Institutions and established infrastructure to design develop operate and manage the Integrated University Management Solution on Service Model.

2. PREAMBLE:

This MoU (Memorandum of Understanding) is being signed in between Rajiv Gandhi Proudyogiki Vishwavidyalaya, (University of Technology of Madhya Pradesh), Bhopal hereinafter called 'RGPV', and other Universities, for design, develop and operations of egovernance platform on BOOT (Built Own Operate and Transfer) basis, for making the University Services Online to the respective institutes and students of Universities and other stakeholders.

3. MISSION:

3.1. With signing of this MoU, universities shall get associated with 'RGPV' for the task of design, develop and operations of Integrated University Management System, e-governance platform, for the University Services to the respective institutes and students of Universities and other stakeholders.

her

17

- 3.2 This MoU has been conceived to spell out the broad term of understanding and commercial ferms, which shall be agreed upon between the "RGPV" and other universities, for the implementation of the Objectives of the project.
 - 3.3. The 'RGPV' and universities hereby agreed to work together for efficient design, develop and operations of e-governance platform. To provide interactive communication and latest information to the student, institutions and university employees in transparent and efficient mode, using ICT.

4. PERIOD OF VALIDITY:

V.

- 4.1. Initially the project duration is for a period of 06 years from the date of signing and further extendable to the next Academics years.
- 4.2. The project duration may be extended further based on the outcomes of the project and mutual understanding between RGPV and universities entering into MoU.
- 4.3. The terms of MOU to increase the services based on the requirement of ordinance or the institutions or students or any specific order released by governments to make the system better or to provide more services online to the stakeholders, subsequently the financial obligations shall be determined by RGPV after due consultation process.

5. SCOPE OF ACTIVITIES FOR RGPV AND OTHER UNIVERSITIES

Scope of activities to be taken by RGPV and universities is given below:

5.1. SCOPE OF ACTIVITIES FOR UNIVERSITIES ENTERING INTO MOU

- 5.1.1. Official Notification from the universities regarding the availability of the various online services on the portal to its all stakeholders.
- **5.1.2.**Signing of MoU with RGPV for implementation of IUMS for University and to provide various online services to the stakeholders of this portal and further to register the institutions and students or any other user to avail the online services through their respective user account created on the portal after the payment of one time registration fees and further annual subscription fees for the portal services.
- 5.1.3. Nominate the officers to provide relevant information to the web portal content management team, on behalf of universities.
- 5.1.4. Setup of centralized information center with nodal information officer as single point information input.
- 5.1.5. Verification of contents provided by universities, before publication on portal.

- DBF format only.
 - 5.1.7.Collection of all required documents, information, co-operation from University and Institute etc., for smooth execution of the portal,
 - 5.1.8. Infrastructure for the Development and Back up of the online Database
 - 5.1.8.1. Facility of minimum 10 mbps 1:1 internet connectivity for online data transfer
 - 5.1.8.2. Servers for local configurations
 - 5.1.8.3. Storage and back up devices connected to LAN
 - 5.1.8.4. PCs for software development testing
 - 5.1.8.5. Training Room facility
 - 5.1.8.6. Telephone connections and place for setting up the Call Based Help Line (initially for 2 person)
 System Software as required for deployment at local level.
 - 5.1.8.7. Finance representative to do the reconciliation of Fees Collection and related task.
 - 5.1.8.8. Transport arrangement for picking and dropping the team members of technical team of RGPV.
 - 5.1.8.9. All physical and digital security provisions in the premises of university.

5.2. SCOPE OF ACTIVITIES BY RGPV

RGPV will be free to deliver the services and be involved in the following activities related to design, develop and Operations of IUMS e-governance platform:

- 5.2.1. RGPV will take the whole responsibility of the Technical Part of the Portal in terms of Development, Hosting and Maintenance or Upgrades.
- 5.2.2.RGPV will depute their competent team suitable for the particular task required during the project.

Page 4 of 7

147 10 5.2.3. Provide the Technical expertise in destoning development and standard training tennied during the project.

-100

- 5.2.4. Architectural design and technical support
- 5.2.5. Resolve the technical problem related to the platform functioning.
- 5.2.6. Up-gradation of system as required by requirement of changes in technology and

procedures.

r/

5.2.7. Hiring of additional manpower, if required

6. DEVELOPMENT OF CENTRALISED E-GOVERNANCE CELL IN UNIVERSITY

- 6.1. Universities shall develop a Centralized Information Cell within the campus of university for single point of communication and information related to the e-governance platform.
- 6.2. A competent officer shall be nominated as a nodal officer, who will act as a single point of contact for RGPV and other stakeholders.

TRAINING & AWARENESS PROGRAMS 7.

- 7.1. RGPV will arrange for the Trainings programmes to the university staff or any other person nominated to work on the portal from time to time.
- 7.2. Other staff members like faculties, sections heads and other users may visit the e-governance Information cell and get the trainings and support.
- 7.3. Institutions can provide help in coordination with support team to students and faculties to use the platform
- 7.4. A help desk support center will be developed to provide help on call or email basis.

8. FINANCIAL PROPOSAL

To meet the financial requirement of the Design, development, Hosting, help Desk Support, Operations team & other allied services required to run the "Online Service Portal", RGPV and its existing Technical Partner shall charge a nominal One time registration fee to open the individual User account on portal (valid for every Three years) and the Annual portal service charges to avail the transactional services including the services of Payment gateway, Email, SMS and help desk support throughout the year will be charged separately as approved by university and to be paid by users directly to RGPV.

Charges for any additional services desired by university, institutions, students or any other party shall be charged separately.

Page 5 of 7

Aug

RAL PROVISIONS OF MOU:

a). Notice: Any notice, request, demand, approval, consent or other communication hereander required shall be in writing and delivered in person or sent by registered mail or by speed post, or by telegram, telex addressed to the party for which it is intended at its address given at the concluding part of this MOU.

9.2. Force Majeure:

Neither RGPV nor university shall be liable to the other for any delay in or failure of their respective obligations under this MOU caused by occurrences beyond the control of any of the parties (as the case may be) or because of fire, floods, acts of God, acts of the public enemy, wars, insurrections, riots, strikes, lock-outs, sabotage, any law, statute or ordinance, order; action or regulation of the Government or any compliance therewith similar to the above and any other. Either party shall promptly, but not later than thirty- (30) days notify the other party of the commencement and cessation of such contingency and prove that such is beyond control and affects the implementation of this MOU adversely. If such contingency continues beyond six (6) months, both parties agree to discuss and arrive upon at an equitable solution for determination of the MOU, or otherwise decide the course of action to be adopted.

The respective obligations of both parties shall be extended for the period of force majeure provided notices, as required above, is given in time and the contingency established, if so required by the other party.

9.3. AMENDMENTS TO MOU

No amendment to this MOU shall be effective unless it is in writing agreed and signed by duly authorized representatives of both the parties.

9.4. JURISDICTION & ARBITRATION:

All disputes, if any, arising out of the matter, shall be subject to the jurisdiction of Secretary, Chancellor, Rajbhawan, Madhya Pradesh and the arbitrator appointed jointly by the Secretary, Chancellor, Rajbhawan, Madhya Pradesh and Vice chancellor, RGPV whose

Page 6 of 7

- الد

fr ·

decision shall be final and binding on the parties. In case the matter is referred to a court of law, then jurisdiction for all legal disputes will be that of the courts at Bhopal (MP)

400

	and an Dhopal (MP) only
For Awadhesh Pratap Singh	For RAHV GANDHI PRODYOGIKI
University, Rewa	VISHWAVIDYALAYA, Bhopal
Signature	Signature
Name: PROF. PEEUSH RANJAN AGRAWAL	Name: PROF. SUNIL KUMAR
Designation: Vice Chancellor	Designation: Vice Chancellor
Place: Bhopal	Place: Bhopal
Date: 7 th January 2020	Date: 7 th January 2020

.





MEMORANDUM OF UNDERSTANDING

BETWEEN

Awadhesh Pratap Singh University, Rewa

AND

M.P. Council of Science and Technology, Bhopal 20 FEBRUARY 2020

This MoU is made and executed between Awadhesh Pratap Singh University, Rewa represented by Dr. Brijesh Singh, Registrar having its campus office at Sirmour Road, Rewa, Madhya Pradesh 486003, here in after referred to as "APSU, Rewa", the First Party.

AND

Madhya Pradesh Council of Science and Technology, Bhopal represented by Dr. Rakesh K. Arya, Director General having its office at Vigyan Bhawan, Nehru Nagar, Bhopal, Madhya Pradesh 462001, and the institute at same place, here in after referred to as "MPCST, Bhopal", the Second Party.

This expression shall mean and include its successors and legal representatives of both the parties.

NOW THE PARTIES HEREBY MUTUALLY AGREE AND THIS AGREEMENT

WITNESSED AS UNDER

Roles and Responsibilities

- (A) MPCOST-BHOPAL
 - Industrial Training & Visits: The Second Party will permit the Faculty and Students of Environmental Biology, Biotechnology, Microbiology, Biochemistry, Chemistry, Physics, Computer Science, Remote Sensing and other departments of the First Party to visit its group companies and also involve in Industrial Training
 Guest Lectures: Second D
 - (2) Guest Lectures: Second Party to extend the necessary support to deliver guest / expert lectures to the students of the First Party on different subjects and the IT
 (3) The Second Party of Party of Party of Party of Party of Party and the IT
 - The Second Party will provide its Labs / Workshops / Industrial Sites for the hands-on training of the learners enrolled in the Environmental Biology. Biotechnology, Microbiology, Biochemistry, Chemistry, Physics, Computer Science, Remote Sensing Technology and other departments of the First Party.

Curriculum Design: Second Party will give valuable inputs to the First Party in (4) teaching / training methodology in various discipline so, students can prepare themselves with industry needs.

man and a state of man

- (B) APSU, REWA
 - Research and Development: Both Parties have agreed to carry out the joint (1)research activities in the fields of Science & Technology.
 - First Party will provide research guide in the fields of Environmental Biology, (2)Biotechnology, Microbiology, Biochemistry, Chemistry, Physics, Computer Science, Remote Sensing Technology and other departments of the First Party etc. on demand of second party for their Research Centres.
 - First Party will provide facilities to Second Party in developing suitable teaching (3)/ training materials, keeping in mind the needs of the Second Party.

Terms and Conditions

- Both parties affirm their commitment to implement the activities and achieve the (1)objectives mutually agreed upon.
- Any conflict between the parties shall always be decided by mutual consultation without any recourse to arbitration or other kind of legal remedy including report to a court of (2)
- New assignments can be added during the course of implementation of MoU, if mutually (3)agreed upon by both the parties.
- Financial terms and conditions will be decided mutually as per need. (4)

Validity of the MoU

This MoU shall become effective on the date it is signed by both the parties and shall be valid for Three Years further extendable up to Five Years. Either party can revoke this MoU by giving one month notice.

Agreed and signed on behalf of

at 2 non

Authorized Signatory **MPCOST-BHOPAL**

Witness 1

Signature: n. Name: Dr. M.K. Rathre Witness 2 Bighanna Signature Name Rr. Braveen Dighana Designation S. Primipal Scientist Name:

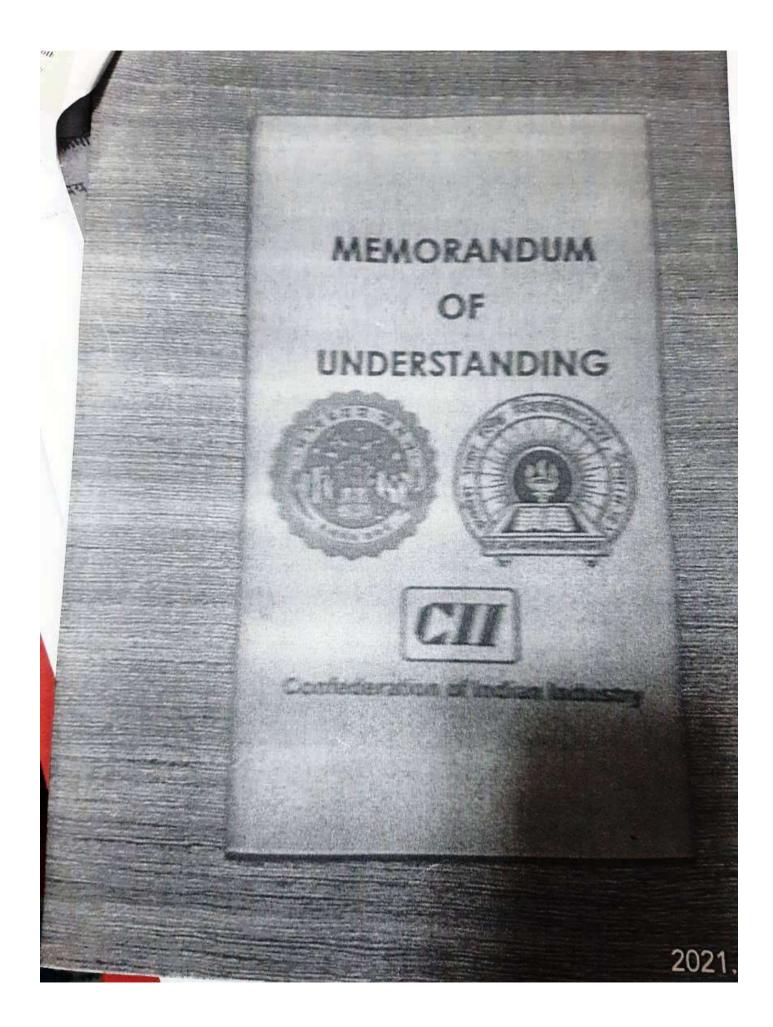
Agreed and signed on behalf of

Authorized Signatory

APSU, REWA

Witness 1

Name Parf A. P. Mahrs Designation Breferror of Physics Witness 2 Jonana Signature 20-2-20 Name Bref B. Nr. Potol Designation worker Designation wordinator



200,000 enterprises from 240 national and regional sectoral industry bodies. Cli charts change by working closely with Government on policy issues, interfacing with thought leaders, and enhanoing efficiency, competitiveness and business opportunities through a range of specialized services and strategic globat linkapes.

- ii) CoRMP desires to-set up a Model Career & Skill Centre at suitable location in Rewa (hereinafter referred to as "MCSC") to train youth, counsel them and provide them with career and livelihood opportunities. CoMP is keen to establish this MCSC in collaboration with CII as CII has been leading industry initiatives in skill development over the last two and a half decades. Cit has previously set up skill centres and Model Career Centres with Industry support & linkages to provide the industry a skilled talent pool to hire from. The skilled workforce ensures that the industry is globally competitive with high levels of skills and productivity.
- iii) Cll and CoRMP are desirous that the MCSC Rewa will train candidates in areas of Hospitality, Banking & Finance, Logistics and Construction or other relevant trades as per industry requirements and provide counselling to all walk-ins and employment / livelihood opportunities to job seekers of the District Rewa.
- iv) All three parties understand and acknowledge that this MOU is a pre-requisite for further collaboration and cooperation activities required establishing MCSC, in the District ofRewa MP.
- v) APSU is providing the space for establishing the MCSC and will assist in capital expenditure and set-up of the centre

Aduitedau Arannoas ant fama fama

a. a. for ferefenner.

VICE - CHANCELLOS A.P.S. University REWA (M.P.)

MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (hereinafter referred to as "MOU") for running Employability, Livelihood creation and skill development and cooperation has agreed and executed on this......¹1.....day of June, 2018;

Between

And

Awadhesh Pratap Singh University, Rewa, (hereinafter referred to as "APSU") represented by not Dr. dujal: durataua having its Office at APSU Rewa & its authorised signatory Mr. Kedan Nath Sungh Jadav Vice Chancellor , which expression shall unless repugnant to the context and meaning thereof include its successors, administrators and permitted assignees).

And

CONFEDERATION OF INDIAN INDUSTRY, a society registered under the Societies Registration Act, 1860, a not for profit and industry managed organisation and having its Central Office at The Mantosh Sondhi Centre 23, Institutional Area, Lodi Road, New Delhi -110 003, (hereinafter referred to as "CII"), represented by its authorised signatory ASASA Kerror Communication, which expression shall unless repugnant to the context and meaning thereof include its successors, administrators and permitted assignees).

Hereinafter individually referred to as CII or CoRMP or APSU, as it may be, and collectively referred to as the Parties.

WHEREAS:

i) CII is a non-government, non-profit, industry led and industry managed organization, which works to create and an environment conducive to the growth of industries in India through advisory and consultative process. Founded in

ARTICLE III

FINANCIALS

- a) CII requires Rs 61 59 lakhs as Capital expenditure for MCSC Rewa to be fully operational, which includes Capex for Career Centre (Rs 31 Lacs) and Capex for Skills Centre (Rs.30 Lacs). The Capital expenditure includes IT (Computers, etc.), Furniture & Fixture (Training Rooms & Training Labs), Equipment (Training Labs).
- b) CoRMP will assist and help CII raise capital support for the MCSC Rewa for the purpose of Training Equipment & other relevant capital requirements from Industry and through any available Govt. funding.
- c) Monthly Operational Expenses of MCSC Rewa will be around Rs.8 25 Lacs (excluding Rentals), including Salaries, Training Cost, Mobilisation Cost, Placement & Support Cost.
- d) All Operational Expenses will be met through support from the Industry including CSR funds, and also through various schemes of the Government for skills and livelihood
- a) CII shall be free to collaborate with and seek financial support, donations from industry, national and international organizations, partners for cooperative activities to be undertaken under this MOU.

ARTICLE IV

COORDINATION BETWEEN FACILITATORS

FEFTTTOE

मनो किस्ता किसाय te R. for forstauter.

CII, CoRMP & APSU shall nominate one senior representative/officer, who shall be the point of contact/facilitator for the purposes of this MOU. The facilitators of both the Parties shall maintain regular contact with the other Party as well as propose and review different projects, training and skill development programmes and other activities in furtherance of objectives of the purpose and objectives envisioned under this MOU. The Facilitators may also be required to report to and coordinate with different committees or boards for the purposes of this MOU, as may be necessary '

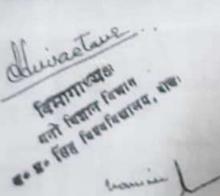
> MAR VICE - CHANC

A.P.S. University REWA (M.P.)

ARTICLE V JURISDICTION & ARBITRATION

All disputes or differences of any nature whatsoever or regarding any right liability, act, omission or account of any of the parties hereto arising out of or in relation to this agreement or on account of termination thereof (other than those in respect of which the decision of any person, is by the agreement expressed to be final and binding) shall be referred to the sole arbitrator as appointed mutually by both the Parties. Prior to referring such disputes and differences for arbitration. Parties shall make all endeavours to resolve such disputes and differences by mutual discussions. The cost of arbitration shall be shared equally by the parties. The award of the arbitrator so appointed shall be final, conclusive and binding on all parties to the agreement, subject to the provisions of the Arbitration and Conciliation act, 1996 or any statutory modification of or reenactment thereof and the rules made there under and for the time being in force shall apply to the arbitration proceedings under this clause. The Arbitration shall be held at Divisional Commissioner, Rewa, MP.





VICE - CHANCELLOF A.P.S. University REWA (M.P.)

NOW THEREFORE, ALL PARTIES HEREBY AGREE AS UNDER ARTICLE I PURPOSE AND OBJECTIVES

All three Parties, by way of this MOU express their commitment to collaborate with each other to explore the potential for

- a) Co-operation in developing a state of the art Model Career and Skill Centre Rewa in a suitable location, identified as in Awadhesh Pratap Singh University, Rewa campus (MBA IR-HR, SDE building)provided by CoRMP&APSU All parties are also keen on initiatives in training, skills development & employment opportunities.
- Inviting industry, trainers, academia, faculty, potential candidates etc. for training and skill development programmes;
- c) Conducting seminars, and similar skill development and training programs;
- d) Conducting workshops to create awareness on career opportunities;
- e) Connecting with industry to create job openings and providing job placements to job seekers;
- Any other activities, training programmes, placement drives, job fairs considered by all Parties to be potentially beneficial.

ARTICLE II NATURE OF ORGANISATION

Post-detailed discussions, both the Parties have mutually agreed that MCSC Rewa will be established with following parameters:

a) The MCSC Rews will have a two-tier Governance structure, which is as follows:

Governing Council consisting of:

- · Chairman (Industry Member nominated by CII)
- · 1 Member nominated of Collectorate of Rewa
- . 1 Member ominate APSU Rewa

TAU

AL

F

- · 3 Industry members from relevant training sectors
- · 2 Member from CII Scretariat (including MCSC Centre Head)

b) APSU is providing ICII with an icx., 10,000 sqft area, at the University Campus in Rewa.

TIVAT-

M.P.

ARTICLE III

FINANCIALS

- a) CII requires Rs.61.59 lakhs as Capital expenditure for MCSC Rewa to be fully operational, which includes Capex for Career Centre (Rs.31 Lacs) and Capex for Skills Centre (Rs.30 Lacs). The Capital expenditure includes IT (Computers, etc.), Furniture & Fixture (Training Rooms & Training Labs), Equipment (Training Labs).
- b) CoRMP will assist and help CII raise capital support for the MCSC Rewa for the purpose of Training Equipment & other relevant capital requirements from Industry and through any available Govt. funding.
- c) Monthly Operational Expenses of MCSC Rewa will be around Rs.8.25 Lacs (excluding Rentals), including Salaries, Training Cost, Mobilisation Cost, Placement & Support Cost.
- d) All Operational Expenses will be met through support from the Industry including CSR funds, and also through various schemes of the Government for skills and livelihood
- a) CII shall be free to collaborate with and seek financial support, donations from industry, national and international organizations, partners for cooperative activities to be undertaken under this MOU.

ARTICLE IV COORDINATION BETWEEN FACILITATORS

fammen

ant fears fear · S. for feretrating,

CII, CoRMP & APSU shall nominate one senior representative/officer, who shall be the point of contact/facilitator for the purposes of this MOU. The facilitators of both the Parties shall maintain regular contact with the other Party as well as propose and review different projects, training and skill development programmes and other activities in furtherance of objectives of the purpose and objectives envisioned under this MOU. The Facilitators may also be required to report to and coordinate with different committees or boards for the purposes of this MOU, as may be necessary."

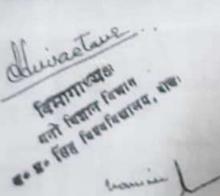
> MAR VICE - CHANC

A.P.S. University REWA (M.P.)

ARTICLE V JURISDICTION & ARBITRATION

All disputes or differences of any nature whatsoever or regarding any right liability, act, omission or account of any of the parties hereto arising out of or in relation to this agreement or on account of termination thereof (other than those in respect of which the decision of any person, is by the agreement expressed to be final and binding) shall be referred to the sole arbitrator as appointed mutually by both the Parties. Prior to referring such disputes and differences for arbitration. Parties shall make all endeavours to resolve such disputes and differences by mutual discussions. The cost of arbitration shall be shared equally by the parties. The award of the arbitrator so appointed shall be final, conclusive and binding on all parties to the agreement, subject to the provisions of the Arbitration and Conciliation act, 1996 or any statutory modification of or reenactment thereof and the rules made there under and for the time being in force shall apply to the arbitration proceedings under this clause. The Arbitration shall be held at Divisional Commissioner, Rewa, MP.





VICE - CHANCELLOF A.P.S. University REWA (M.P.)

Scope of Work:

while running the MCSC Rewa, Cliwill aspire to meet as given below:

To Job Seekers:

- Information Dissemination on both private and public sector jobs
- Career Interest & Psychometric Assessments
- · Career Counselling and Guidance
- Skills upgradation Training and pre-employment preparatory training
- Apprentice & Job placements Interview Opportunities

To Employment Providers:

- Enabling Employers to bridge their Talent Gap
- Supporting in Training Activities
- · Providing value Add services such as Access to Training, Trainers, Content

To community:

- Support in Skilling Initiatives
- Campus Focused Activities
- Roll out focused initiatives pertaining to target audience, such as women oriente programmes or programmes aimed at the under-privileged, BPL, PWD

To Government:

- Upskill candidates, provide employment
- Share Employment Data

The MCSC through this MoU, the parties' involved agree to explore options for and facilitat employment for candidates. The impact (Registration, career interest assessment, care counselling & soft skills / IT training) to around 1,00,000 candidates over a period of 5 Year Also look at providing employment & apprenticeship opportunities to around 15,000 candid iwaster

विमागारचड बनो विज्ञान विष्णव

. R. FUR fersfaulent, un VICE - CHANCELLOR A.P.S. University REWA (M.P.)

ARTICLE VIII MISCELLANEOUS

- i) This MOU can only be amended in writing by mutual consent of all the Parties.
- ii) This MOU shall come in effect from the date of affixing signature of all Three Parties and shall remain valid for a period of 5 (Five) years from that date, subject to any written notice by one party to the other party, expressing its intent to terminate this MOU.
- iii) Either of the Parties, may terminate this MOU by way of 3 (three) months advance notice. In such an event, all the Parties, shall make all endeavours to fulfil their obligations and responsibilities for any ongoing program(s), project(s) or any endeavour(s) which has been initiated under this MOU.
- iv) This MOU may be executed in counterparts including but not limited to MOUs, communications exchanged defining responsibilities, obligations of all the Parties for different programmes, initiatives etc. under this MOU, each of which shall be deemed to be an original, and all of which, taken together, shall constitute an integral part of this MOU.
- v) If any provision of this MOU shall be invalid, illegal or otherwise unenforceable, the validity, legality and enforceability of the remaining provisions shall in no way be affected or impaired thereby.
- vi) The captions of the clauses of this MOU are for convenience of reference only and in no way define, limit or affect the scope or substance of any clause of this MOU.

IN WITNESS WHEREOF the parties hereto have executed this MOU, in duplicate, by their duly authorized representatives on the date, month and year first written above.

1. For Confederation of Indian Industry

(Name) Ashish Kesherner (Designation) am - mcc

6/6/18

te

ole

Wa

Date:

DEM

2. ForCollectorate of Rewa

(Name) Ramesh Dixit (Designation) & Je Minim Date: 04.06.2018

3. ForAvdesh Pratap Singh University R

(Name) (Designation) Date: ON. 06.18

VICE - CHANCELLON A.P.S. University REWA (M.P.)

2021

Steps for successful implementation:

1. Aggregate Demand from Employers

- 1. Through direct out-reach activities
- 2. Through Convergence with Industry Department, Labour Department Local Municipal Departments
- 3. Through Campaigns in Government owned Hoardings, Newspapers Radio jingles, etc.
- 4. Through promotional website, etc.

8

2

2. Aggregate Job Seeker details through various Channels

- 1. Database Access of online job portals & accessing MCCs database
- 2. By Campus outreach and BTL activities
- 3. Through Job Posting in Newspaper
- Through press notes and advertisements.

Connect Employer and Qualified and Eligible Job Seekers:

- 1. Manage Walk-ins, assess, counsel, train and place them
- 2. Direct Online connect (Job Posting Linked)
- 3. Driving Qualified job seeker traffic to employer location through campaigns

wasters

VICE - CHANCELLON A.P.S. University REWALTPI

is annound मन्द्रो विषयाय विषयाय te to for herafreiner, etc.

4. Placement Drives and Job Fairs

4. Provide support services:

- a. Training
- b. Assessment Support etc.

Sec. 11 1 12-12-12 10 20 100 10 510 here 147 3 Real Property in Cruce and Job Fairs sectores hiresan a a. Tranno to Assessment Support etc. स्मर अवसोवनावे एउं आदेशार्व प्रस्तुत | Cheer 16 ABAGO 36 101 lines 2 100 lears, PAA3 ULTA ATSU R.S Sec ALT-GENERA APS. Holys REWARD ? . Llt Signis Moll 13 (4) 41 2021.01.



Department of Chemistry Awadhesh Pratap Singh University Rewa – 486003 (M.P.)

Ref. No.:

Date : 14- 02-202

Certificate

This is to certify that Prof. R.N. Patel, Department of Chemistry, A.P.S. University, Rewa has research collaboration with following Research Scientists/Institutions/Organizations:

- (i) Prof. R.J. Butcher, Department of Chemistry, Howard University, USA.
- (ii) Dr. Duane Choquesillo-Lazarte Laboratorio de Estudios Cristalograficos (LEC) IACT-CSIC.
- (iii) Prof. Dr. Angel Gutierrez, Depatmento de Qumica Inorganica I, Universidad Computense, Madrid, Spain.
- (iv) Prof. Dr. Santiago herrero Dominguez, Depatmento de Qumica Inorganica, Universidad Computense, Madrid, Spain.
- (v) Prof. M. Cortijo, Depatmento de Qumica Inorganica, Universidad Computense, Madrid, Spain.
- (vi) Prof. R. N. Jadeja, Department of Chemistry, The MS University, Badodara, Gujrat.
- (vii) Dr. P. Kumar, Department of Chemistry, Rajju Bhaiya Institute of Physical Sciences for Study and Research V.B.S. Purvanchal University, Jaunpur, U.P.
- (viii) Prof. H. Roy, Department of Zoology, Faculty of Science, The MS University of Baroda.

This is also certified that during session 2020-21, Four (04) research papers have been published in collaboration with above collaborators.

Prof. R.N. Patel

Prof. R. N. Patel (D. Sc.) Prof. & Dean



Department of Chemistry Awadhesh Pratap Singh University Rewa - 486003 (M.P.)

E-mail: rnp64@ymail.com

Ref. No.:

Date: 20-7-2020

Year wise activities of research collaborative work

Following activities are performed during the tenure of collaboration. Under collaboration following activities are being performed:

- (i) Procurement of chemicals and glass wares
- (ii) Synthesis of ligands
- (iii) Synthesis of metal complexes
- (iv) Characterization and data collection

This part has been done in our department as well as our collaborators departments. The year wise publications are given as:

1	Copper(II) and nickel(II) complexes with N'-[(Z)-phenyl(pyridin-2-yl) methylidene]acetohydrazide: Synthesis,							
	crystal structures, DFT calculations and antioxidant effects							
	R. N. Patel, Y. Singh, Y. P. Singh, R. J. Butcher, A. Kamal, I.P. Tripathi, Polyhedron, 117, 20-34 (2016).							
2	Unprecedented tetranuclear complexes "weighing balance shaped" topology: Single crystal structures, unusual							
	EPR spectra, magnetic properties and antioxidant activity							
1	Y. Singh, R. N. Patel, Y. P. Singh, A. K. Patel, N. Patel, R. Singh, R. J. Butcher, J. P. Jasinski, E. Colacio, M. A.							
	Palacios, Dalton Trans., 46, 11860-11874 (2017).							
3	Structure and antioxidant superoxide dismutase activity of copper(II) hydrazone complexes							
146910	Y. P. Singh, R. N. Patel, Y. Singh, R. J. Butcher, P. K. Vishakarma and R.K.B. Singh Polyhedron, 122, 1-15							
	(2017).							
4	Syntheses, crystal structures, spectral and DFT studies of copper(II) and nickel(II) complexes with N'-(pyridine-2-							
Products.	vlmethylene)acetohydrazide							
	R. N. Patel, Yogendra Pratap Singh, Y. Singh, R. J. Butcher, M. Zeller, R. K. B. Singh and O. U-wang							
	J. Molecular Structure, 1136, 157-172 (2017).							
5	Classical hydrogen bondings and stacking of chelate rings in new copper(II) complexes							
-	Y. P. Singh, R. N. Patel, Y. singh, D. Choquesillo-Lazarte and R. J. Butcher Dalton Trans., 46, 2803-2820							
	(2017).							
6	Syntheses, single crystal structures and DFT studies of some new mono-/binuclear copper(II) complexes: Possible							
1	models of synthetic analogues of superoxide dismutase							
1.1	R. N. Patel, Y. P. Singh, Y. Singh, R. J. Butcher, J.P Jasinski, Polyhedron, 129, 164-181 (2017).							
7	Synthesis, spectral, DFT calculations and biological activity studies of vanadyl complexes with L-aspartic acid and							
	imidazoles/1,10-phenonthrolene as co-ligands							
	R. N. Patel, K. Maurya, Y. P. Singh, Y. Singh, S. Rather, A. Kamal and I. P. Tripathi, J. Indian Chem. Soc., 94,							
la lar	347-362 (2017).							
8	New di-I-oxidovanadium(V) complexes with NNO donor Schiff bases: Synthesis, crystal structures and							
-	electrochemical studies							
	R.N. Patel, Y. P. Singh, Y. Singh, R. J. Butcher, J. P. Jasinski, Polyhedron, 133, 102-109 (2017).							
9	Varying structural motifs, unusual X-band electron paramagnetic spectra, DFT studies and superoxide ismutase							
-	enzymatic activity of copper(II) complexes with N'-[(E)-phenyl(pyridin-2 yl)methylidene]benzohydrazide							
	R. N. Patel, Y. Singh, Y. P. Singh, A. K. Patel, N. Patel, R. Singh, R. J. Butcher, J. P. Jasinski, E. Colacio, M. A.							
1	Palacios, New J. Chem., 42, 3112-3136 (2018).							

10	Synthesis, structural characterization, DFT studies and in-vitro antidiabetic activity of new mixed ligand oxovanadium (IV) complex with tridentate Schiff base
	R. N. Patel, Y. P. Singh, J. Mol. Stru., 1153, 162-169 (2018).
11	Three new tetranuclear phenoxy-bridged metal(II) complexes: Synthesis, structural variation, cryomagnetic
	properties, DFT study and antiprolificative properties
	S. K. Patel, R. N. Patel, Y. Singh, Y. P. Singh, D. Kumhar, R. N. Jadeja, H. Roy, A. K. Patel, N. Patel, N. Patel, A.
	Banerjee, D. Choquesillo-Lazarte, A. Gutierrez, Polyhedron, 161, 198-212 (2019).
12	Experimental and quantum computational study of two new bridged copper(II) coordination complexes as possible
	models for antioxidant superoxide dismutase: Molecular structures, X-band electron paramagnetic spectra and
	cryogenic magnetic properties
	Y. Singh, R. N. Patel, S. K. Patel, A. K. Patel, N. Patel, R. Singh, R. J. Butcher, J. P. Jasinski, A. Gutierrez,
	Polyhedron, 171, 155-171 (2019).
13	Model investigations for vanadium-protein interactions: Synthesis, characterization and antidiabetic properties
	N. Patel, A. K. Prajapatia, R. N. Jadejaa, R. N. Patel, S. K. Patel, V. K. Gupta, I. P. Tripathi, N. Dwivedi, Inorg.
	Chim. Acta, 493, 20-28 (2019). Pseudo-tetrahedral copper(II) complex derived from N'-[(2E,3Z)-4- hydroxy-4-phenylbut-3-en-2-
14	
	vlidene]acetohydrazide: Synthesis, molecular structure, quantum chemical investigations, antioxidant and antiproliferative properties
	A. K. Patel, R. N. Jadeja, H. Roy, R. N. Patel, S. K. Patel, R. J. Butcher, J. Mol. Struct., 1185, 341-350 (2019).
15	Two new copper(II) binuclear complexes with 2-[(E)-(pyridine-2ylhydrazono) methyl] phenol: Molecular
1.5	structures, quantum chemical calculations, cryomagnetic properties and catalytic activity
1	R.N. Patel, S.K. Patel, D. Kumhar, Nirmala Patel, A.K. Patel, R.N. Jadeja, Neetu Patel, R.J. Butcher, M. Cortijo,
	S. Herrero, Polyhedron, 188, 114687 (2020).
16	Supramolecular assemblies of new pseudohalide end-to-end bridged copper(II) complex and molecular structural
-	variety of penta and hexa-coordinted metal(II) complexes with hydrazido-based ligand
	Y. Singh, R. N. Patel, S. K. Patel, R. N. Jadeja, A. K. Patel, N. Patel, H. Roy, P. Bhagriya, R. Singh, R. J. Butcher,
	Y. Singh, R. N. Patel, S. K. Patel, R. N. Jadeja, A. K. Patel, N. Patel, H. Roy, P. Bhagriya, R. Singh, R. J. Butcher, J. P. Jasinski, S. Herrero, M. Cortijo, Inorg. Chim. Acta, 503, 119371 (2020).
17	Y. Singh, R. N. Patel, S. K. Patel, R. N. Jadeja, A. K. Patel, N. Patel, H. Roy, P. Bhagriya, R. Singh, R. J. Butcher, J. P. Jasinski, S. Herrero, M. Cortijo, Inorg. Chim. Acta, 503, 119371 (2020). Dioxidovanadium(V) complexes of a tridentate ONO Schiff base ligand: Structural characterization, quantum
17	Y. Singh, R. N. Patel, S. K. Patel, R. N. Jadeja, A. K. Patel, N. Patel, H. Roy, P. Bhagriya, R. Singh, R. J. Butcher, J. P. Jasinski, S. Herrero, M. Cortijo, Inorg. Chim. Acta, 503, 119371 (2020). Dioxidovanadium(V) complexes of a tridentate ONO Schiff base ligand: Structural characterization, quantum chemical calculations and in-vitro antidiabetic activity
17	 Y. Singh, R. N. Patel, S. K. Patel, R. N. Jadeja, A. K. Patel, N. Patel, H. Roy, P. Bhagriya, R. Singh, R. J. Butcher, J. P. Jasinski, S. Herrero, M. Cortijo, Inorg. Chim. Acta, 503, 119371 (2020). Dioxidovanadium(V) complexes of a tridentate ONO Schiff base ligand: Structural characterization, quantum chemical calculations and in-vitro antidiabetic activity Neetu Patel, A.K. Prajapati, R.N. Jadeja, R.N. Patel, S.K. Patel, I.P. Tripathi, N. Dwivedi, V.K. Gupta, R.J.
	 Y. Singh, R. N. Patel, S. K. Patel, R. N. Jadeja, A. K. Patel, N. Patel, H. Roy, P. Bhagriya, R. Singh, R. J. Butcher, J. P. Jasinski, S. Herrero, M. Cortijo, Inorg. Chim. Acta, 503, 119371 (2020). Dioxidovanadium(V) complexes of a tridentate ONO Schiff base ligand: Structural characterization, quantum chemical calculations and in-vitro antidiabetic activity Neetu Patel, A.K. Prajapati, R.N. Jadeja, R.N. Patel, S.K. Patel, I.P. Tripathi, N. Dwivedi, V.K. Gupta, R.J. Butcher, Polyhedron, 180, 114434 (2020).
17	 Y. Singh, R. N. Patel, S. K. Patel, R. N. Jadeja, A. K. Patel, N. Patel, H. Roy, P. Bhagriya, R. Singh, R. J. Butcher, J. P. Jasinski, S. Herrero, M. Cortijo, Inorg. Chim. Acta, 503, 119371 (2020). Dioxidovanadium(V) complexes of a tridentate ONO Schiff base ligand: Structural characterization, quantum chemical calculations and in-vitro antidiabetic activity Neetu Patel, A.K. Prajapati, R.N. Jadeja, R.N. Patel, S.K. Patel, I.P. Tripathi, N. Dwivedi, V.K. Gupta, R.J. Butcher, Polyhedron, 180, 114434 (2020). Copper (II) hydrazone complexes with different nuclearities and geometries: Synthesis, structural characterization,
	 Y. Singh, R. N. Patel, S. K. Patel, R. N. Jadeja, A. K. Patel, N. Patel, H. Roy, P. Bhagriya, R. Singh, R. J. Butcher, J. P. Jasinski, S. Herrero, M. Cortijo, Inorg. Chim. Acta, 503, 119371 (2020). Dioxidovanadium(V) complexes of a tridentate ONO Schiff base ligand: Structural characterization, quantum chemical calculations and in-vitro antidiabetic activity Neetu Patel, A.K. Prajapati, R.N. Jadeja, R.N. Patel, S.K. Patel, I.P. Tripathi, N. Dwivedi, V.K. Gupta, R.J. Butcher, Polyhedron, 180, 114434 (2020). Copper (II) hydrazone complexes with different nuclearities and geometries: Synthesis, structural characterization, antioxidant SOD activity and antiproliferative properties
	 Y. Singh, R. N. Patel, S. K. Patel, R. N. Jadeja, A. K. Patel, N. Patel, H. Roy, P. Bhagriya, R. Singh, R. J. Butcher, J. P. Jasinski, S. Herrero, M. Cortijo, Inorg. Chim. Acta, 503, 119371 (2020). Dioxidovanadium(V) complexes of a tridentate ONO Schiff base ligand: Structural characterization, quantum chemical calculations and in-vitro antidiabetic activity Neetu Patel, A.K. Prajapati, R.N. Jadeja, R.N. Patel, S.K. Patel, I.P. Tripathi, N. Dwivedi, V.K. Gupta, R.J. Butcher, Polyhedron, 180, 114434 (2020). Copper (II) hydrazone complexes with different nuclearities and geometries: Synthesis, structural characterization, antioxidant SOD activity and antiproliferative properties A.K. Patel, R. N. Jadeja, H. Roy, R. N. Patel, S. K. Patel, R. J. Butcher, M. Cortijo, S. Herrero, Polyhedron, 186,
	 Y. Singh, R. N. Patel, S. K. Patel, R. N. Jadeja, A. K. Patel, N. Patel, H. Roy, P. Bhagriya, R. Singh, R. J. Butcher, J. P. Jasinski, S. Herrero, M. Cortijo, Inorg. Chim. Acta, 503, 119371 (2020). Dioxidovanadium(V) complexes of a tridentate ONO Schiff base ligand: Structural characterization, quantum chemical calculations and in-vitro antidiabetic activity Neetu Patel, A.K. Prajapati, R.N. Jadeja, R.N. Patel, S.K. Patel, I.P. Tripathi, N. Dwivedi, V.K. Gupta, R.J. Butcher, Polyhedron, 180, 114434 (2020). Copper (II) hydrazone complexes with different nuclearities and geometries: Synthesis, structural characterization, antioxidant SOD activity and antiproliferative properties
18	 Y. Singh, R. N. Patel, S. K. Patel, R. N. Jadeja, A. K. Patel, N. Patel, H. Roy, P. Bhagriya, R. Singh, R. J. Butcher, J. P. Jasinski, S. Herrero, M. Cortijo, Inorg. Chim. Acta, 503, 119371 (2020). Dioxidovanadium(V) complexes of a tridentate ONO Schiff base ligand: Structural characterization, quantum chemical calculations and in-vitro antidiabetic activity Neetu Patel, A.K. Prajapati, R.N. Jadeja, R.N. Patel, S.K. Patel, I.P. Tripathi, N. Dwivedi, V.K. Gupta, R.J. Butcher, Polyhedron, 180, 114434 (2020). Copper (II) hydrazone complexes with different nuclearities and geometries: Synthesis, structural characterization, antioxidant SOD activity and antiproliferative properties A.K. Patel, R. N. Jadeja, H. Roy, R. N. Patel, S. K. Patel, R. J. Butcher, M. Cortijo, S. Herrero, Polyhedron, 186, 114624 (2020).
18	 Y. Singh, R. N. Patel, S. K. Patel, R. N. Jadeja, A. K. Patel, N. Patel, H. Roy, P. Bhagriya, R. Singh, R. J. Butcher, J. P. Jasinski, S. Herrero, M. Cortijo, Inorg. Chim. Acta, 503, 119371 (2020). Dioxidovanadium(V) complexes of a tridentate ONO Schiff base ligand: Structural characterization, quantum chemical calculations and in-vitro antidiabetic activity Nectu Patel, A.K. Prajapati, R.N. Jadeja, R.N. Patel, S.K. Patel, I.P. Tripathi, N. Dwivedi, V.K. Gupta, R.J. Butcher, Polyhedron, 180, 114434 (2020). Copper (II) hydrazone complexes with different nuclearities and geometries: Synthesis, structural characterization, antioxidant SOD activity and antiproliferative properties A.K. Patel, R. N. Jadeja, H. Roy, R. N. Patel, S. K. Patel, R. J. Butcher, M. Cortijo, S. Herrero, Polyhedron, 186, 114624 (2020). New mono-and polynuclear copper (II) complexes: Structural characterization, quantum chemical calculations and antioxidant superoxide dismutase studies R. N. Patel, S. K. Patel, D. Kumhar, N. Patel, R. J. Butcher, Indian J. Chem., 60A, 506-518 (2021).
18	 Y. Singh, R. N. Patel, S. K. Patel, R. N. Jadeja, A. K. Patel, N. Patel, H. Roy, P. Bhagriya, R. Singh, R. J. Butcher, J. P. Jasinski, S. Herrero, M. Cortijo, Inorg. Chim. Acta, 503, 119371 (2020). Dioxidovanadium(V) complexes of a tridentate ONO Schiff base ligand: Structural characterization, quantum chemical calculations and in-vitro antidiabetic activity Neetu Patel, A.K. Prajapati, R.N. Jadeja, R.N. Patel, S.K. Patel, I.P. Tripathi, N. Dwivedi, V.K. Gupta, R.J. Butcher, Polyhedron, 180, 114434 (2020). Copper (II) hydrazone complexes with different nuclearities and geometries: Synthesis, structural characterization, antioxidant SOD activity and antiproliferative properties A.K. Patel, R. N. Jadeja, H. Roy, R. N. Patel, S. K. Patel, R. J. Butcher, M. Cortijo, S. Herrero, Polyhedron, 186, 114624 (2020). New mono-and polynuclear copper (II) complexes: Structural characterization, quantum chemical calculations and antioxidant superoxide dismutase studies R. N. Patel, S. K. Patel, D. Kumhar, N. Patel, R. J. Butcher, Indian J. Chem., 60A, 506-518 (2021). Non-covalent interactions governing the supramolecular assembly of copper (II) complexes with hydrazone-type
18	 Y. Singh, R. N. Patel, S. K. Patel, R. N. Jadeja, A. K. Patel, N. Patel, H. Roy, P. Bhagriya, R. Singh, R. J. Butcher, J. P. Jasinski, S. Herrero, M. Cortijo, Inorg. Chim. Acta, 503, 119371 (2020). Dioxidovanadium(V) complexes of a tridentate ONO Schiff base ligand: Structural characterization, quantum chemical calculations and in-vitro antidiabetic activity Neetu Patel, A.K. Prajapati, R.N. Jadeja, R.N. Patel, S.K. Patel, I.P. Tripathi, N. Dwivedi, V.K. Gupta, R.J. Butcher, Polyhedron, 180, 114434 (2020). Copper (II) hydrazone complexes with different nuclearities and geometries: Synthesis, structural characterization, antioxidant SOD activity and antiproliferative properties A K. Patel, R. N. Jadeja, H. Roy, R. N. Patel, S. K. Patel, R. J. Butcher, M. Cortijo, S. Herrero, Polyhedron, 186, 114624 (2020). New mono-and polynuclear copper (II) complexes: Structural characterization, quantum chemical calculations and antioxidant superoxide dismutase studies R. N. Patel, S. K. Patel, D. Kumhar, N. Patel, R. J. Butcher, Indian J. Chem., 60A, 506-518 (2021). Non-covalent interactions governing the supramolecular assembly of copper (II) complexes with hydrazone-type ligand: Experimental and quantum chemical study
18	 Y. Singh, R. N. Patel, S. K. Patel, R. N. Jadeja, A. K. Patel, N. Patel, H. Roy, P. Bhagriya, R. Singh, R. J. Butcher, J. P. Jasinski, S. Herrero, M. Cortijo, Inorg. Chim. Acta, 503, 119371 (2020). Dioxidovanadium(V) complexes of a tridentate ONO Schiff base ligand: Structural characterization, quantum chemical calculations and in-vitro antidiabetic activity Neetu Patel, A.K. Prajapati, R.N. Jadeja, R.N. Patel, S.K. Patel, I.P. Tripathi, N. Dwivedi, V.K. Gupta, R.J. Butcher, Polyhedron, 180, 114434 (2020). Copper (II) hydrazone complexes with different nuclearities and geometries: Synthesis, structural characterization, antioxidant SOD activity and antiproliferative properties A K. Patel, R. N. Jadeja, H. Roy, R. N. Patel, S. K. Patel, R. J. Butcher, M. Cortijo, S. Herrero, Polyhedron, 186, 114624 (2020). New mono-and polynuclear copper (II) complexes: Structural characterization, quantum chemical calculations and antioxidant superoxide dismutase studies R. N. Patel, S. K. Patel, D. Kumhar, N. Patel, R. J. Butcher, Indian J. Chem., 60A, 506-518 (2021). Non-covalent interactions governing the supramolecular assembly of copper (II) complexes with hydrazone-type ligand: Experimental and quantum chemical study Y. Singh, R. N. Patel, S. K. Patel, R.N. Jadeja, A. K. Patel, N. Patel, H. Roy, P. Kumar, R.J. Butcher, J. P.
18 19 20	 Y. Singh, R. N. Patel, S. K. Patel, R. N. Jadeja, A. K. Patel, N. Patel, H. Roy, P. Bhagriya, R. Singh, R. J. Butcher, J. P. Jasinski, S. Herrero, M. Cortijo, Inorg. Chim. Acta, 503, 119371 (2020). Dioxidovanadium(V) complexes of a tridentate ONO Schiff base ligand: Structural characterization, quantum chemical calculations and in-vitro antidiabetic activity Neetu Patel, A.K. Prajapati, R.N. Jadeja, R.N. Patel, S.K. Patel, I.P. Tripathi, N. Dwivedi, V.K. Gupta, R.J. Butcher, Polyhedron, 180, 114434 (2020). Copper (II) hydrazone complexes with different nuclearities and geometries: Synthesis, structural characterization, antioxidant SOD activity and antiproliferative properties A.K. Patel, R. N. Jadeja, H. Roy, R. N. Patel, S. K. Patel, R. J. Butcher, M. Cortijo, S. Herrero, Polyhedron, 186, 114624 (2020). New mono-and polynuclear copper (II) complexes: Structural characterization, quantum chemical calculations and antioxidant superoxide dismutase studies R. N. Patel, S. K. Patel, D. Kumhar, N. Patel, R. J. Butcher, Indian J. Chem., 60A, 506-518 (2021). Non-covalent interactions governing the supramolecular assembly of copper (II) complexes with hydrazone-type ligand: Experimental and quantum chemical study Y. Singh, R. N. Patel, S. K. Patel, R.N. Jadeja, A. K. Patel, N. Patel, H. Roy, P. Kumar, R.J. Butcher, J. P. Jasinski, M. Cortijo, S. Herrero, Polyhedron, 200, 115142 (2021).
18	 Y. Singh, R. N. Patel, S. K. Patel, R. N. Jadeja, A. K. Patel, N. Patel, H. Roy, P. Bhagriya, R. Singh, R. J. Butcher, J. P. Jasinski, S. Herrero, M. Cortijo, Inorg. Chim. Acta, 503, 119371 (2020). Dioxidovanadium(V) complexes of a tridentate ONO Schiff base ligand: Structural characterization, quantum chemical calculations and in-vitro antidiabetic activity Neetu Patel, A.K. Prajapati, R.N. Jadeja, R.N. Patel, S.K. Patel, I.P. Tripathi, N. Dwivedi, V.K. Gupta, R.J. Butcher, Polyhedron, 180, 114434 (2020). Copper (II) hydrazone complexes with different nuclearities and geometries: Synthesis, structural characterization, antioxidant SOD activity and antiproliferative properties A.K. Patel, R. N. Jadeja, H. Roy, R. N. Patel, S. K. Patel, R. J. Butcher, M. Cortijo, S. Herrero, Polyhedron, 186, 114624 (2020). New mono-and polynuclear copper (II) complexes: Structural characterization, quantum chemical calculations and antioxidant superoxide dismutase studies R. N. Patel, S. K. Patel, D. Kumhar, N. Patel, R. J. Butcher, Indian J. Chem., 60A, 506-518 (2021). Non-covalent interactions governing the supramolecular assembly of copper (II) complexes with hydrazone-type ligand: Experimental and quantum chemical study Y. Singh, R. N. Patel, S. K. Patel, R.N. Jadeja, A. K. Patel, N. Patel, H. Roy, P. Kumar, R.J. Butcher, J. P. Jasinski, M. Cortijo, S. Herrero, Polyhedron, 200, 115142 (2021).
18 19 20	 Y. Singh, R. N. Patel, S. K. Patel, R. N. Jadeja, A. K. Patel, N. Patel, H. Roy, P. Bhagriya, R. Singh, R. J. Butcher, J. P. Jasinski, S. Herrero, M. Cortijo, Inorg. Chim. Acta, 503, 119371 (2020). Dioxidovanadium(V) complexes of a tridentate ONO Schiff base ligand: Structural characterization, quantum chemical calculations and in-vitro antidiabetic activity Neetu Patel, A.K. Prajapati, R.N. Jadeja, R.N. Patel, S.K. Patel, I.P. Tripathi, N. Dwivedi, V.K. Gupta, R.J. Butcher, Polyhedron, 180, 114434 (2020). Copper (II) hydrazone complexes with different nuclearities and geometries: Synthesis, structural characterization, antioxidant SOD activity and antiproliferative properties A K. Patel, R. N. Jadeja, H. Roy, R. N. Patel, S. K. Patel, R. J. Butcher, M. Cortijo, S. Herrero, Polyhedron, 186, 114624 (2020). New mono-and polynuclear copper (II) complexes: Structural characterization, quantum chemical calculations and antioxidant superoxide dismutase studies R. N. Patel, S. K. Patel, D. Kumhar, N. Patel, R. J. Butcher, Indian J. Chem., 60A, 506-518 (2021). Non-covalent interactions governing the supramolecular assembly of copper (II) complexes with hydrazone-type ligand: Experimental and quantum chemical study Y. Singh, R. N. Patel, S. K. Patel, R.N. Jadeja, A. K. Patel, N. Patel, H. Roy, P. Kumar, R.J. Butcher, J. P. Jasinski, M. Cortijo, S. Herrero, Polyhedron, 200, 115142 (2021).
18 19 20	 Y. Singh, R. N. Patel, S. K. Patel, R. N. Jadeja, A. K. Patel, N. Patel, H. Roy, P. Bhagriya, R. Singh, R. J. Butcher, J. P. Jasinski, S. Herrero, M. Cortijo, Inorg. Chim. Acta, 503, 119371 (2020). Dioxidovanadium(V) complexes of a tridentate ONO Schiff base ligand: Structural characterization, quantum chemical calculations and in-vitro antidiabetic activity Neetu Patel, A.K. Prajapati, R.N. Jadeja, R.N. Patel, S.K. Patel, I.P. Tripathi, N. Dwivedi, V.K. Gupta, R.J. Butcher, Polyhedron, 180, 114434 (2020). Copper (II) hydrazone complexes with different nuclearities and geometries: Synthesis, structural characterization, antioxidant SOD activity and antiproliferative properties A.K. Patel, R. N. Jadeja, H. Roy, R. N. Patel, S. K. Patel, R. J. Butcher, M. Cortijo, S. Herrero, Polyhedron, 186, 114624 (2020). New mono-and polynuclear copper (II) complexes: Structural characterization, quantum chemical calculations and antioxidant superoxide dismutase studies R. N. Patel, S. K. Patel, D. Kumhar, N. Patel, R. J. Butcher, Indian J. Chem., 60A, 506-518 (2021). Non-covalent interactions governing the supramolecular assembly of copper (II) complexes with hydrazone-type ligand: Experimental and quantum chemical study Y. Singh, R. N. Patel, S. K. Patel, R.N. Jadeja, A. K. Patel, N. Patel, H. Roy, P. Kumar, R.J. Butcher, J. P. Jasinski, M. Cortijo, S. Herrero, Polyhedron, 200, 115142 (2021).

(R. N. Patel)

Prof. R. N. Patel (D. Sc.) Prof. & Dean



Department of Chemistry Awadhesh Pratap Singh University Rewa – 486003 (M.P.) E-mail: rnp64@ymail.com

Date: 20-7-202

Summary of Collaborative work

The collaborative research work with Prof. R.N. Patel, Department of Chemistry, A.P.S. University, Rewa has been performed from the following collaborators since 2016-17 to till date. During this tenure the synthesis part of compounds were done in department of Chemistry, A.P.S. University, Rewa and most of the data collection and discussion part was done by the collaborators mention below:

- (i) Prof. R.J. Butcher, Department of Chemistry, Howard University, USA.
- (ii) Dr. Duane Choquesillo-Lazarte Laboratorio de Estudios Cristalograficos (LEC) IACT-CSIC.
- (iii) Prof. Dr. Angel Gutierrez, Depatmento de Qumica Inorganica I, Universidad Computense, Madrid, Spain.
- (iv) Prof. Dr. Santiago herrero Dominguez, Depatmento de Qumica Inorganica, Universidad Computense, Madrid, Spain.
- (v) Prof. M. Cortijo, Depatmento de Qumica Inorganica, Universidad Computense, Madrid, Spain.
- (vi) Prof. R. N. Jadeja, Department of Chemistry, The MS University, Badodara, Gujrat.
- (vii) Dr. P. Kumar, Department of Chemistry, Rajju Bhaiya Institute of Physical Sciences for Study and Research V.B.S. Purvanchal University, Jaunpur, U.P.
- (viii) Prof. H. Roy, Department of Zoology, Faculty of Science, The MS University of Baroda.

As part of collaborative work many research papers of National and International Journals have been appeared in many prestigious journals which are as follows:

1	Copper(II) and nickel(II) complexes with N'-[(Z)-phenyl(pyridin-2-yl) methylidene]acetohydrazide: Synthesis,								
	emplei(n) and mekel(n) complexes with N-[(Z)-phenyi(pyridin-2-yi) methyidenejacetonydrazide: Synthesis,								
	crystal structures, DFT calculations and antioxidant effects								
3	R. N. Patel, Y. Singh, Y. P. Singh, R. J. Butcher, A. Kamal, I.P. Tripathi, Polyhedron, 117, 20-34 (2016).								
2	Unprecedented tetranuclear complexes "weighing balance shaped" topology: Single crystal structures, unusual								
	EPR spectra, magnetic properties and antioxidant activity								
	Y. Singh, R. N. Patel, Y. P. Singh, A. K. Patel, N. Patel, R. Singh, R. J. Butcher, J. P. Jasinski, E. Colacio, M. A.								
2	Palacios, Dalton Trans., 46, 11860-11874 (2017).								
3	Structure and antioxidant superoxide dismutase activity of copper(II) hydrazone complexes								
	Y. P. Singh, R. N. Patel, Y. Singh, R. J. Butcher, P. K. Vishakarma and R.K.B. Singh Polyhedron, 122, 1-15								
	(2017).								
4	Syntheses, crystal structures, spectral and DFT studies of copper(II) and nickel(II) complexes with N'-(pyridine-2-								
	ylmethylene)acetohydrazide								
R. N. Patel, Yogendra Pratap Singh, Y. Singh, R. J. Butcher, M. Zeller, R. K. B. Singh and O. U-wang									
	J. Molecular Structure, 1136, 157-172 (2017).								
5	Classical hydrogen bondings and stacking of chelate rings in new copper(II) complexes								
	Y. P. Singh, R. N. Patel, Y. singh, D. Choquesillo-Lazarte and R. J. Butcher Dalton Trans., 46, 2803-2820								
	(2017).								
6	Syntheses, single crystal structures and DFT studies of some new mono-/binuclear copper(11) complexes: Possible								
	models of synthetic analogues of superoxide dismutase								
	R. N. Patel, Y. P. Singh, Y. Singh, R. J. Butcher, J.P. Jasinski, Polyhedron, 129, 164-181 (2017).								
7	Synthesis, spectral, DFT calculations and biological activity studies of vanadyl complexes with L-aspartic acid and								
	imidazoles/1,10-phenonthrolene as co-ligands								
1	R. N. Patel, K. Maurya, Y. P. Singh, Y. Singh, S. Rather, A. Kamal and I. P. Tripathi, J. Indian Chem. Soc., 94,								
100	347-362 (2017).								

Ref. No.:

8	New di-l-oxidovanadium(V) complexes with NNO donor Schiff bases: Synthesis, crystal structures and
die	electrochemical studies
	R.N. Patel, Y. P. Singh, Y. Singh, R. J. Butcher, J. P. Jasinski, Polyhedron, 133, 102-109 (2017).
9	Varying structural motifs, unusual X-band electron paramagnetic spectra, DFT studies and superoxide ismutase
	enzymatic activity of copper(II) complexes with N'-[(E)-phenyl(pyridin-2 yl)methylidene]benzohydrazide
	R. N. Patel, Y. Singh, Y. P. Singh, A. K. Patel, N. Patel, R. Singh, R. J. Butcher, J. P. Jasinski, E. Colacio, M. A.
	Palacios, New J. Chem., 42, 3112-3136 (2018).
10	Synthesis, structural characterization, DIT studies and in-vitro antidiabetic activity of new mixed ligand
	oxoyanadium (IV) complex with tridentate Schiff base
	R. N. Patel, Y. P. Singh, J. Mol. Stru., 1153, 162-169 (2018).
11	Three new tetranuclear phenoxy-bridged metal(II) complexes: Synthesis, structural variation, cryomagnetic
	properties, DFT study and antiprolifirative properties S. K. Patel, R. N. Patel, Y. Singh, Y. P. Singh, D. Kumhar, R. N. Jadeja, H. Roy, A. K. Patel, N. Patel, N. Patel, A.
	Banetjee, D. Choquesillo-Lazarte, A. Gutierrez, Polyhedron, 161, 198-212 (2019).
12	Experimental and quantum computational study of two new bridged copper(II) coordination complexes as possible
1.	models for antioxidant superoxide dismutase: Molecular structures, X-band electron paramagnetic spectra and
	cryogenic magnetic properties
1	Y. Singh, R. N. Patel, S. K. Patel, A. K. Patel, N. Patel, R. Singh, R. J. Butcher, J. P. Jasinski, A. Gutierrez,
	Polyhedron, 171, 155-171 (2019).
13	Model investigations for vanadium-protein interactions: Synthesis, characterization and antidiabetic properties
	N. Patel, A. K. Prajapatia, R. N. Jadejaa, R. N. Patel, S. K. Patel, V. K. Gupta, I. P. Tripathi, N. Dwivedi, Inorg.
	Chim. Acta, 493, 20-28 (2019).
14	Pseudo-tetrahedral copper(II) complex derived from N'-[(2E,3Z)-4- hydroxy-4-phenylbut-3-en-2-
	ylidene]acetohydrazide: Synthesis, molecular structure, quantum chemical investigations, antioxidant and
1	antiproliferative properties
	A. K. Patel, R. N. Jadeja, H. Roy, R. N. Patel, S. K. Patel, R. J. Butcher, J. Mol. Struct., 1185, 341-350 (2019). Two new copper(II) binuclear complexes with 2-[(E)-(pyridine-2ylhydrazono) methyl] phenol: Molecular
15	structures, quantum chemical calculations, cryomagnetic properties and catalytic activity
	R.N. Patel, S.K. Patel, D. Kumhar, Nirmala Patel, A.K. Patel, R.N. Jadeja, Neetu Patel, R.J. Butcher, M. Cortijo,
	S. Herrero, Polyhedron, 188, 114687 (2020).
16	Supramolecular assemblies of new pseudohalide end-to-end bridged copper(II) complex and molecular structural
	variety of penta and hexa-coordinted metal(II) complexes with hydrazido-based ligand
	Y. Singh, R. N. Patel, S. K. Patel, R. N. Jadeja, A. K. Patel, N. Patel, H. Roy, P. Bhagriya, R. Singh, R. J. Butcher,
	1 P. Jasinski, S. Herrero, M. Cortijo, Inorg. Chim. Acta, 503, 119371 (2020).
17	Dioxidovanadium(V) complexes of a tridentate ONO Schiff base ligand: Structural characterization, quantum
1	chemical calculations and in-vitro antidiabetic activity
1	Neetu Patel, A.K. Prajapati, R.N. Jadeja, R.N. Patel, S.K. Patel, I.P. Tripathi, N. Dwivedi, V.K. Gupta, R.J.
	Butcher, Polyhedron, 180, 114434 (2020). Copper (II) hydrazone complexes with different nuclearities and geometries: Synthesis, structural characterization,
18	Copper (II) hydrazone complexes with different nuclearnies and geometries. Synthesis, subcurat characterization
	antioxidant SOD activity and antiproliferative properties A K. Patel, R. N. Jadeja, H. Roy, R. N. Patel, S. K. Patel, R. J. Butcher, M. Cortijo, S. Herrero, Polyhedron, 186,
	<u>A K. Pater, R. N. Jadeja, H. Koy, K. N. Pater, O. K. Pater, H. Pater, M. Pa</u>
19	New mono-and polynuclear copper (II) complexes: Structural characterization, quantum chemical calculations and
15	antioxidant superoxide dismutase studies
	P. N. Patel, S. K. Patel, D. Kumhar, N. Patel, R. J. Butcher, Indian J. Chem., 60A, 506-518 (2021).
20	Non-covalent interactions governing the supramolecular assembly of copper (II) complexes with hydrazone-type
1	ligand: Experimental and quantum chemical study
	Y. Singh, R. N. Patel, S. K. Patel, R.N. Jadeja, A. K. Patel, N. Patel, H. Roy, P. Kumar, R.J. Butcher, J. F.
1	tacinda M. Cortino S. Herrero, Polyhedron, 200, 115142 (2021).
21	Synthesis single crystal structures. DFT and in vitro anti oxidant superoxide dismutase studies of copper(11)
	complexes derived from the di-(2-picoly)amine and co-ligands: Promising antioxidants
	S. K. Patel, R. N. Patel, A. K. Patel, N. Patel, M. Cortijo, S. Herrero, D. Choquesillo-Lazarte, Polyhedron, 212,
1	115609 (2022).



Prof. R. N. Patel (D. Sc.) Prof. & Dean



Department of Chemistry Awadhesh Pratap Singh University

Rewa - 486003 (M.P.)

E-mail: rnp64@ymail.com

Ref. No.:

Date :

Research Papers Published under collaborative work

As part of collaborative work many research papers of National and International Journals have been appeared in many prestigious journals Link for which are as follows:

1	Copper(II) and nickel(II) complexes with N'-[(Z)-phenyl(pyridin-2-yl) methylidene]acetohydrazide: Synthesis,
	crystal structures, DFT calculations and antioxidant effects
	R. N. Patel, Y. Singh, Y. P. Singh, R. J. Butcher, A. Kamal, I.P. Tripathi, Polyhedron, 117, 20-34 (2016).
2	Unprecedented tetranuclear complexes "weighing balance shaped" topology: Single crystal structures, unusual
	EPR spectra, magnetic properties and antioxidant activity
	Y. Singh, R. N. Patel, Y. P. Singh, A. K. Patel, N. Patel, R. Singh, R. J. Butcher, J. P. Jasinski, E. Colacio, M. A.
	Palacios, Dalton Trans., 46, 11860–11874 (2017).
3	Structure and antioxidant superoxide dismutase activity of copper(II) hydrazone complexes
	Y. P. Singh, R. N. Patel, Y. Singh, R. J. Butcher, P. K. Vishakarma and R.K.B. Singh Polyhedron, 122, 1–15
	(2017).
4	Syntheses, crystal structures, spectral and DFT studies of copper(II) and nickel(II) complexes with N'-(pyridine-2-
	ylmethylene)acetohydrazide
	R. N. Patel, Yogendra Pratap Singh, Y. Singh, R. J. Butcher, M. Zeller, R. K. B. Singh and O. U-wang
	J. Molecular Structure, 1136 , 157-172 (2017).
5	Classical hydrogen bondings and stacking of chelate rings in new copper(II) complexes
	Y. P. Singh, R. N. Patel, Y. singh, D. Choquesillo-Lazarte and R. J. Butcher Dalton Trans., 46, 2803–2820
	<u>(2017)</u> .
6	Syntheses, single crystal structures and DFT studies of some new mono-/binuclear copper(II) complexes: Possible
	models of synthetic analogues of superoxide dismutase
	R. N. Patel, Y. P. Singh, Y. Singh, R. J. Butcher, J.P. Jasinski, Polyhedron, 129, 164-181 (2017).
7	Synthesis, spectral, DFT calculations and biological activity studies of vanadyl complexes with L-aspartic acid and
	imidazoles/1,10-phenonthrolene as co-ligands
	R. N. Patel, K. Maurya, Y. P. Singh, Y. Singh, S. Rather, A. Kamal and I. P. Tripathi, J. Indian Chem. Soc., 94,
	<u>347-362 (2017).</u>
8	New di-l-oxidovanadium(V) complexes with NNO donor Schiff bases: Synthesis, crystal structures and
	electrochemical studies
	R.N. Patel, Y. P. Singh, Y. Singh, R. J. Butcher, J. P. Jasinski, Polyhedron, 133, 102–109 (2017).
9	Varying structural motifs, unusual X-band electron paramagnetic spectra, DFT studies and superoxide ismutase
	enzymatic activity of copper(II) complexes with N'-[(E)-phenyl(pyridin-2 yl)methylidene]benzohydrazide
	R. N. Patel, Y. Singh, Y. P. Singh, A. K. Patel, N. Patel, R. Singh, R. J. Butcher, J. P. Jasinski, E. Colacio, M. A.
	Palacios, New J. Chem., 42, 3112-3136 (2018).
10	Synthesis, structural characterization, DFT studies and in-vitro antidiabetic activity of new mixed ligand
	oxovanadium (IV) complex with tridentate Schiff base
	<u>R. N. Patel, Y. P. Singh, J. Mol. Stru.</u> , 1153 , 162-169 (2018).
11	Three new tetranuclear phenoxy-bridged metal(II) complexes: Synthesis, structural variation, cryomagnetic
	properties, DFT study and antiprolifirative properties
	S. K. Patel, R. N. Patel, Y. Singh, Y. P. Singh, D. Kumhar, R. N. Jadeja, H. Roy, A. K. Patel, N. Patel, A.
	Banerjee, D. Choquesillo-Lazarte, A. Gutierrez, Polyhedron, 161, 198-212 (2019).
12	Experimental and quantum computational study of two new bridged copper(II) coordination complexes as possible
	models for antioxidant superoxide dismutase: Molecular structures, X-band electron paramagnetic spectra and
	cryogenic magnetic properties
	Y. Singh, R. N. Patel, S. K. Patel, A. K. Patel, N. Patel, R. Singh, R. J. Butcher, J. P. Jasinski, A. Gutierrez,
1	Polyhedron 171 155-171 (2019)

13	Model investigations for vanadium-protein interactions: Synthesis, characterization and antidiabetic properties									
	N. Patel, A. K. Prajapatia, R. N. Jadejaa, R. N. Patel, S. K. Patel, V. K. Gupta, I. P. Tripathi, N. Dwivedi, Inorg.									
	<u>Chim. Acta</u> , 493 , 20-28 (2019).									
14	Pseudo-tetrahedral copper(II) complex derived from N'-[(2E,3Z)-4- hydroxy-4-phenylbut-3-en-2-									
	ylidene]acetohydrazide: Synthesis, molecular structure, quantum chemical investigations, antioxidant and									
	antiproliferative properties									
	A. K. Patel, R. N. Jadeja, H. Roy, R. N. Patel, S. K. Patel, R. J. Butcher, J. Mol. Struct., 1185, 341-350 (2019).									
15	Two new copper(II) binuclear complexes with 2-[(E)-(pyridine-2ylhydrazono) methyl] phenol: Molecular									
	structures, quantum chemical calculations, cryomagnetic properties and catalytic activity									
	R.N. Patel, S.K. Patel, D. Kumhar, Nirmala Patel, A.K. Patel, R.N. Jadeja, Neetu Patel, R.J. Butcher, M. Cortijo,									
	S. Herrero, Polyhedron, 188, 114687 (2020).									
16	Supramolecular assemblies of new pseudohalide end-to-end bridged copper(II) complex and molecular structural									
	variety of penta and hexa-coordinted metal(II) complexes with hydrazido-based ligand									
	Y. Singh, R. N. Patel, S. K. Patel, R. N. Jadeja, A. K. Patel, N. Patel, H. Roy, P. Bhagriya, R. Singh, R. J. Butcher,									
	J. P. Jasinski, S. Herrero, M. Cortijo, Inorg. Chim. Acta, 503, 119371 (2020).									
17	Dioxidovanadium(V) complexes of a tridentate ONO Schiff base ligand: Structural characterization, quantum									
	chemical calculations and in-vitro antidiabetic activity									
	Neetu Patel, A.K. Prajapati, R.N. Jadeja, R.N. Patel, S.K. Patel, I.P. Tripathi, N. Dwivedi, V.K. Gupta, R.J.									
	Butcher, Polyhedron, 180, 114434 (2020).									
18	Copper (II) hydrazone complexes with different nuclearities and geometries: Synthesis, structural characterization,									
	antioxidant SOD activity and antiproliferative properties									
	A K. Patel, R. N. Jadeja, H. Roy, R. N. Patel, S. K. Patel, R. J. Butcher, M. Cortijo, S. Herrero, Polyhedron, 186,									
	<u>114624 (2020).</u>									
19	New mono-and polynuclear copper (II) complexes: Structural characterization, quantum chemical calculations and									
	antioxidant superoxide dismutase studies									
	R. N. Patel, S. K. Patel, D. Kumhar, N. Patel, R. J. Butcher, Indian J. Chem., 60A, 506-518 (2021).									
20	Non-covalent interactions governing the supramolecular assembly of copper (II) complexes with hydrazone-type									
	ligand: Experimental and quantum chemical study									
	Y. Singh, R. N. Patel, S. K. Patel, R.N. Jadeja, A. K. Patel, N. Patel, H. Roy, P. Kumar, R.J. Butcher, J. P.									
	Jasinski, M. Cortijo, S. Herrero, Polyhedron, 200, 115142 (2021).									
21	Synthesis, single crystal structures, DFT and in vitro anti oxidant superoxide dismutase studies of copper(II)									
	complexes derived from the di-(2-picolyl)amine and co-ligands: Promising antioxidants									
	S. K. Patel, R. N. Patel, A. K. Patel, N. Patel, M. Cortijo, S. Herrero, D. Choquesillo-Lazarte, Polyhedron, 212,									
	<u>115609 (2022).</u>									

(R.N. Patel)



To,

Dr. Jagdish Arora Director, Inflibnet Centre Gandhinagar, IUC, Infocity, Ahmedabad 382007, Gujrat

Sub. : Signing MoU between Inflibnet Centre & A.P.S. University, Rewa

Dear Sir,

This is in continuation to our earlier communication, I am enclosing here with following necessary documents required for signing MoU between Inflibnet Centre & A.P.S. University, Rewa:

- Copy of MoU in duplicate duly signed by Registrar of the University
- Details of University Coordinator to deal and liaison between Inflibnet centre, Ahmedabad, Shodhnaga Project and A.P.S. University, Rewa, (M.P.).

I request you kindly to please sign the copy of MoU at your end and return a copy of it to us, so that we can speed up the process of implementing antiplagiarism system using URKUND and start the process of digitising and uploading thesis and dessertation in Shodhganga.

Looking forward for an early response.

Dr. Anand Kumar Kamble . P. Registrar. A.P.S. University, Rewa (M.P.), 486003



Information and Library Network Centre

(An Autonomous Inter-University Centre of UGC)

सूचना एवं पुस्तकालय नेटवर्क केन्द्र

(विश्वविद्यालय अनुदान आयोग का स्वायत्त अंतर विश्वविद्यालय केन्द्र)

Τo,

31st August, 2018

Ms. Navita Srivastava Awadhesh Pratap Singh University, Sirmour Road, Ananthpur, Rewa Madhya Pradesh- 486003

Sub: Regarding Shodhganga/Shodhgangotri MoU

Dear Ms. Navita,

Thank you for sending two copies of MoUs. We are replacing with the correct Performa of MoUs with old date. Enclosed please find one copy of the MoU duly signed by us for your record and retention. You are requested to kindly instruct your Ph.D scholars/Officials to start submitting their theses online to the Shodhganga repository and student research scholars to submit synopses to Shodhgangotri as per the UGC Notification, 2016 (Minimum Standards & Procedure for Award of M.Phil. / Ph.D Degree, Regulation dated 1st June 2009/2016). If soft copies are available, you may kindly pass on to us in CD/DVD after following **latest UGC Regulations** (Promotion of Academic Integrity and Prevention of Plagiarism in Higher Educational Institutions, 2018). You may attach one page of Plagiarism report (summary) along with every thesis.

For more details and to get step by step method to upload theses, you may please visit <u>http://shodhganga.inflibnet.ac.in/manual/</u>.

With Regards,

Yours Sincerely,

इन्फ्रोसीटी,पो.बो. नं. ४, गांधीनगर-३८२००७, गुजरात (भारत)



INFLIBNET Centre

Memorandum of Understanding (MoU) for Shodhganga/Shodhgangotri

(A Repository of Theses and Dissertations submitted to the Universities in India)

This Memorandum of Understanding (MoU) is made and entered into on 25 (Day) 5 (Month) 2018 (Year) between the INFLIBNET Centre, an IUC of University Grants Commission located at Gandhinagar, hereinafter referred to as "INFLIBNET" and Auadheth Pratap Singh (University / Deemed University / Inter-University Centre), here in after referred to as the 'University'.

WHEREAS, INFLIBNET Centre, an Inter-university Centre of the University Grants Commission, as its mandate, promotes open access to scholarly content generated in universities. The Centre has computers, network, software infrastructure and technical know-how required for hosting electronic versions of theses and dissertations in open access with interface to search, retrieve and access these content.

WHEREAS Awadhesh Pratap Singh (University / Deemed University / Inter University Centre) has agreed to take part in the process of digitisation of old theses and dissertations (not available in computerized machine-readable format) and building-up of digital repository and to promote, share and host its ETD in 'Shodhganga: A reservoir of Indian theses submitted to the Universities in India' and other universities in open access. 'Shodhganga' is a name coined by INFLIBNET Centre for refering to the respository of Indian Electronic Theses and Dissertations. The word "Shodh" originates from Sanskrit and stands for research and discovery. The 'Ganga' is the holiest, longest and largest river in Indian subcontinent which has held heart of its people captive and drawn millions of people to its banks since the dawn of history. The Ganga is the symbol of India's age-long culture and civilization, ever changing, ever flowing, ever loved and revered by its people. "Shodhganga", a repository of theses and dissertations submitted to Indian universities, is expected to keep growing to a formidable size as more and more researchers from India submit their research works to this ever growing reservoir. Under the initiative called "ShodhGangotri", research scholars / research supervisors in universities are requested to deposit electronic version of approved synopsis submitted by research scholars to the universities for registering themselves for the Ph.D programme.

This Memorandum of Understanding (MoU) defines responsibilities, liabilities and commitments of the institutions involved to ensure proper system implementation, to meet the objectives pertaining to submission and access to Electronic Theses and Dissertations as envisaged by the UGC vide its Notification (Minimum Standards & Procedure for Award of M.Phil/Ph.D Degree), Regulation, 2009 dated 1st June, 2009.

NOW, THEREFORE, in consideration of the mutual agreements herein contained, INFLIBNET and the University agree to the following terms and conditions:

I. INFLIBNET Centre

 Provide access to ETD hosting server(s) at the INFLIBNET Centre 'Shodhganga'/'Shodhgangotri' to the University with accompanied software interface enabling University / its student to create metadata and upload their theses and dissertations in ETD repositories designed for this purpose. The INFLIBNET will take the responsibility of keeping the data intact and usable, keep back-up of the data so as to avoid its loss. The INFLIBNET will deploy

Pg 1 of 4

land. Registrar

Registrat APr S. University SEWA (M. P.)

tools and techniques of digital preservation to ensure continuing access to scholarly content in digital formats and to protect them from media failure, physical loss and obsolescence.

- Recommend to the UGC to extend financial assistance to the Universities under Sections 12(B) and 2(f) of UGC Act for digitization of theses and dissertations not available in computerized machine-readable format and / or for procurement and installation of a suitable computer system / infrastructure for creation of ETDs.
- Provide configuration of system, specifications and technical guidance to the University for procurement of computer hardware and related systems for setting-up of ETDs.
- Provide guidelines, technical standards and specifications for digitization of Ph.D. theses submitted to the university in past and for theses not available in computerized machine-readable format.
- Impart training to at least one person from the university (from library field and / or from computer field) in creation, updation and computerized operation of digital repositories of ETDs especially on 'Shodhganga'.
- Extend access to an anti-plagiarism software or provide services to evaluate theses for possible plagiarism and submit a report to the concerned university.
- The INFLIBNET may refuse to host any material deemed by the INFLIBNET to be controversial in nature or is in violation of copyright act.
- This right of refusal will not relieve the University / Ph.D. scholar of liability, both to INFLIBNET and to the public, for matter contained in the theses that may be libelous or actionable and to both INFLIBNET and copyright owners for copyright infringement by the Ph.D. Scholar.
- 9. The INFLIBNET Centre will not be responsible for i) errors, omissions, inaccuracies and quality of content or misinformation or for any damages caused to the user or any third party from the use of content provided in the theses; ii) safety and archiving of loaded content in cases of "force majeure" including natural calamities; and iii) printed version of theses.
- 10.INFLIBNET Centre will recommend or provide access to plagiarism software which university may use to detect plagiarism before awarding the degree.
- 11. The INFLIBNET Centre replicates the content of theses and dissertations on different server and other auxiliary storage media. However, the INFLIBNET Centre does not take the responsibility for the archiving or backing-up of loaded content. The universities, therefore, should also keep a back-up of their theses and dissertations.

Registray R. S. Oniversity NA (M, P3

Pg 2 of 4

12. INFLIBNET hosting the approved also the studenter oved synopses of research topic submitted to the universities by destoral programme. hosting the approved synopses of research topic submitted to the universities by Research to registering themselves under the doctoral programme. the students for registering themselves under the doctoral programme. synonsee/ Research students for registering themselves under the doctoral programme. synopses/research proposition their priority on a research proposal synopses/research students/their supervisors are encouraged to submit approved through the repository.

11.

-

The University

- 1. The University would grant non-exclusive worldwide license to the INFLIBNET Centre for hosting and distributing their theses in digital format in Centre for hosting and distributing their theses in digital format in 'Shodhganga'/ 'Shodhganganga'/ 'Shodhganga'/ 'Shodhganga'/ 'Shodhganganga'/ 'Shodhgang 'Shodhganga'/ 'Shodhgangotri' or any other server designated for this purpose.

- The University / its researcher scholars agree to host / upload a computerized machine-readable rile in mutually agreed format of all theses on to the 'Shodhganga'/ Shodhgangotri' server at the INFLIBNET. 3. The University will not hold INFLIBNET Centre responsible for any errors and
- 4. The University commits to digitize theses and dissertations and their bibliographic records submitted to the university and provide necessary infrastructure including manpower support for operation of ETDs.
- 5. Commits to utilize the assistance provided by the UGC on recommendation of the INFLIBNET for implementation of ETDs including their digitization.
- 6. Deputes at least one person from the university (from library field or from computer field) for undergoing training on implementation of ETD organized by the INFLIBNET and ensure that the person trained by INFLIBNET on ETD is /
- 7. Arranges to provide training to research scholars or users of its library and staff of colleges affiliated to University in creation of electronic version of theses and
- 8. Ensures use of standard software and metadata schema suggested / provided by the INFLIBNET for setting-up / development / operation of its ETDs .

- 9. Creates bibliographic records of all theses and dissertations submitted to the university in standard bibliographic formats prescribed by the INFLIBNET Centre from time-to-time and contributes these records for inclusion in the INFLIBNET's
- 10. Commits to sharing of library ETD resources / databases with the INFLIBNET

Beglatray

S. S. Univoisit EWA (M. P)

Pg 3 of 4

11. The University would agree to host their ETDs in the digital repositories Shodhaanaa or other services to host their ETDs in the digital repositories 'Shodhganga or other servers' set-up at the INFLIBNET Centre, and grant non-exclusive licence to the Contract of the contract of theses in full-text exclusive licence to the Centre to make electronic version of theses in full-text (theses that are born digital communication of these in full-text using scanners / (theses that are born digital as well as those that are digitized using scanners / digital cameras) accessible through open access ETD.

12. The University shall not use electronic version of theses digitized using funds given by the UGC for any commercial purposes. The University shall not rent, sell or license the use of or deliver or release or otherwise part with the possession of the systems / software or the INFLIBNET ETDs databases, Shodhganga or any part thereof to any other party (individual, institution,

- 13. The University will also commit their own funds or grants for fulfillment of the project, if the project on implementation of ETDs demands more resources and funds to complete it.
- 14. The University will use the plagiarism software recommended by the INFLIBNET and made accessible to test the thesis submitted by the student for plagiarism before awarding the Degree. If the university is not subscribing to such software, it will use the software from the nearest Regional Centre, if any.
- 15. University would encourage and ensure that Research Scholars/ Research Supervisors deposit host their approved Research Proposals/ approved synopses on the "Shodhgangotri" once Ph.D. is registered.

III. Termination

Both, the Parties, will have rights to terminate the MoU at any time in case of breach of obligations and terms and conditions of the MoU. This MoU signed hereunder may be terminated by either party at anytime upon ninety (90) days prior written notice. Upon termination of this Agreement, the INFLIBNET / University will stop hosting their theses immediately while keeping the theses already deposited by the University in its archives for its users. The University shall stop using the INFLIBNET's ETD facilities and databases and return any software / hardware or digitized content provided by or through the INFLIBNET, back to INFLIBNET within the 3 months notice period.

IN WITNESS WHEREOFF, the parties hereto executed this MoU on this date above mentioned.

UNIVERSITY:

Vice Chancellor / Registra or designated authority.

F.S. Universit EWA (M. P. (Name, Signature and Sea

Dr. Jagdish Arora, Director INFLIBNET Centre,



An IUC of University Grants Commission, Infocity, Gandhinagar - 382 007.

Pg 4 of 4





MEMORANDOM OF UNDERSTANDING

This **MEMORANDOM of UNDERSTANDING** (MoU) made and entered into on this 10th day of February, 2018 by and between following parties:

A. PHYSICS DEPARTMENT A.P.S. UNIVERSITY, REWA which expression shall mean and include its successors in interest and assign of the second part (hereinafter referred as P.D.).

and

B. CHEMISTRY DEPARTMENT A.P.S. UNIVERSITY, REWA which expression shall mean and include its successors in interest and assign of the first part (hereinafter referred as C.D.).

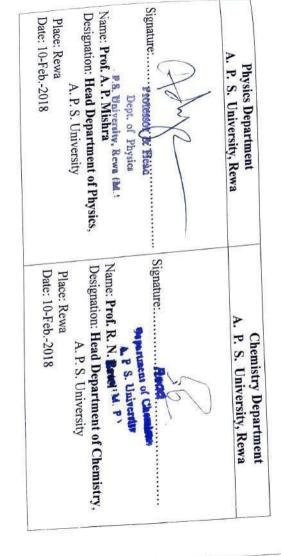
WHERE AS C.D., and P.D. are interested in entering into a MoU with a view of sharing a common desire to explore, extend and strengthen the functional relationship between the Departments with experienced Faculty and well established R & D facilities; in order to share the facilities and expertise available with each of them for mutual benefit, herewith, sign this MoU on following broad understanding:

- 1. The Faculty of PD / CD may take part in teaching program of each Department if desired so, by both the Departments. Topic of Lectures and days/ time will be fixed by mutual consultation between Deans/ Faculties of the two Departments.
- 2. The Ph.D. students working in either department will be allowed to carry out a part of their research work in other department, if requisite instrumentation and other facilities are not available and the host department will extend all necessary facilities and expertise to the research students on payment of charges as prescribed by the department providing the facilities or as agreed upon mutually on case to basis.
- 3. Collaborative research programs by the faculty of both departments following the common research mandates of both the departments may be developed and cooperative in the exchange of Faculty and researchers to encourage sharing of experience, Scientific knowledge, and technology advances.

* The faculty of Physics 1 collaborative research (Public/Private). Data generated through such collaborative research will be published in peer r^{v} reviewed journals jointly by the faculty of both the departments. Department and Chemistry Department may apply for joint and International funding agencies

00

Ś In the existing and likely Intellectual Property regime, techniques technologies, materials etc. jointly. of both departments and the Intellectual property claims/ formalities would be filed/ made developed/ perfected of any immediate or likely commercial value would be the joint property





March 12018





MEMORANDOM OF UNDERSTANDING

MEMORANDOM of UNDERSTANDING (MoU) made and entered into on this 10th day of ^{this}, 2018 by and between following parties: This MEANON and between following parties:

A ENVIRONMENT BIOLOGY DEPARTMENT A.P.S. UNIVERSITY, REWA which Environ shall mean and include its successors in interest and assign of the second part (hereinafter referred as E.B.).

and

B. CHEMISTRY DEPARTMENT A.P.S. UNIVERSITY, REWA which expression shall mean and include its successors in interest and assign of the first part (hereinafter referred as C.D.).

WHERE AS C.D., and E.B. are interested in entering into a MoU with a view of sharing a common desire to explore, extend and strengthen the functional relationship between the Departments with experienced Faculty and well established R & D facilities; in order to share the facilities and expertise available with each of them for mutual benefit, herewith, sign this MoU on following broad understanding:

- 1. The Faculty of EB / CD may take part in teaching program of each Department if desired so, by both the Departments. Topic of Lectures and days/ time will be fixed by mutual consultation between Deans/ Faculties of the two Departments.
- 2. The Ph.D. students working in either department will be allowed to carry out a part of their research work in other department, if requisite instrumentation and other facilities are not available and the host department will extend all necessary facilities and expertise to the research students on payment of charges as prescribed by the department providing the facilities or as agreed upon mutually on case to basis.
- 3. Collaborative research programs by the faculty of both departments following the commor research mandates of both the departments may be developed and cooperative in the exchange of Faculty and researchers to encourage sharing of experience, Scientific knowledge, and technology advances.

of Environment Biology Department and Chemistry Department may apply for intervalive research Projects to National and International funding agencies point Private). Data generated through such collaborative research will be published in peer public Private journals jointly by the faculty of both the departments.

- of Chempeler

23 NUP

R

^{*In the existing and likely Intellectual Property regime, techniques technologies, materials etc. In the existing and likely Intellectual Property regime, techniques technologies, materials etc. developed/ perfected of any immediate or likely commercial value would be the joint property developed/ departments and the Intellectual property claims/ formalities would be filed/ made jointly.*}

Environment Biology	Chemistry Department					
A.P. S. University, Rewa	A. P. S. University, Rewa					
Signature: M.J., Name: Prof. R. M.Mishra- Designation: Head Department of al Biology Environment Biology A. P. S. University Place: Rewa Date: 10-March2018	Signature: Name: Prof. R. N. Pateleran Designation: Head Department of Chemistry, A. P. S. University Place: Rewa Date: 10-March2018					



	Year wise activities of research	Date: 20-7-2024
		h collaborative WOIK
	<u>Year wise activities of researc</u> <u>Vear wise activities of researc</u> <u>wing activities are performed during the tenure of co</u>	100
	vear wise acc	ushoration following
	Jer of co	laboration. Under collaboration
	are performed during the tenure of ee	ind
	activities are pos	140
	wing activities are reprint of chemicals and glass wares	
	ant of chemicals and grade	ng
	procureino of ligands	
	Synthesis of metal complexes Synthesis of metal data collection	
a	Synthesis Synthesis and data collection	the year wise publications
(i)	Characteristics department as well as our collab	orators departments. The year wise publications
1	has been done in our department as me	
This P	ven as:	art, a. to methylidenelaceubydrazider Southesic
are gr	material) complexes with N'-I(Z)-phenyl(p	vridin-2-yl) methylideneløsetahvetrazidet Syndresis. N. T. i., til Bolyhedron, 117, 20-34 (2016).
1	Service and mellel(II) complexes with PS (127) preserved and antioxidant effects of a control (DFT calculations and antioxidant effects) (N. Patel, Y. Singh, Y. P. Singh, R. J. Butcher, A. Kamal, J (N. Patel, Y. Singh, Y. P. Singh, R. J. Butcher, A. Kamal, J (N. Patel, Y. Singh, Y. P. Singh, R. J. Butcher, A. Kamal, J (N. Patel, Y. Singh, Y. P. Singh, R. J. Butcher, A. Kamal, J (N. Patel, Y. Singh, Y. P. Singh, R. J. Butcher, A. Kamal, J (N. Patel, Y. Singh, Y. P. Singh, R. J. Butcher, A. Kamal, J (N. Patel, Y. Singh, Y. P. Singh, R. J. Butcher, A. Kamal, J (N. Patel, Y. Singh, Y. P. Singh, R. J. Butcher, A. Kamal, J (N. Patel, Y. Singh, Y. P. Singh, R. J. Butcher, A. Kamal, J (N. Patel, Y. Singh, Y. P. Singh, R. J. Butcher, A. Kamal, J (N. Patel, Y. Singh, Y. P. Singh, R. J. Butcher, A. Kamal, J (N. Patel, Y. Singh, Y. P. Singh, R. J. Butcher, A. Kamal, J (N. Patel, Y. Singh, Y. P. Singh, R. J. Butcher, A. Kamal, J (N. Patel, Y. Singh, Y. P. Singh, R. J. Singh,	P. Tripadhi, Polyhedron, 117, 20-34 (2010).
1	N. Patel, Y. Singh, Y. P. Singh, R. J. Butcher, A. Kamer,	haped" topology: Single crystal structures, over
2	Copressioned tetranuclear complexes weighing contractivity of the properties and antioxidant activity of the properties activity of the properties and antioxidant activity of the properties and antioxidant activity of the properties activity of the properties activity of the properties and antioxidant activity of the properties a	<u>P. Tripadhi, Polyhedron, 117, 20-54 (2017)</u> haped" topology: Single crystal structures, upusrol Singh, R.J. Betcher, J. P. Jasinski, E. Colacio, M. A.
	CPR pectry, magnetic propagities	Singh, R. J. BUICHEL J. 1. Jedito en com
3	Finance English Frank, 1860–11874 (2017). Endaci — Dalton Trans., 46, 11860–11874 (2017). English English Frank, 1860–11874 (2017). English English English Frank, 1860–11874 (2017).	opper(II) hydrazone complexes Vishakarma and R.K.B. Singh Polyhedron, 127 1-15
	1 A Description of the second seco	
-	(2617)	opper(11) and niekel(11) complexes with N-4m office 2.
4	an ath leng - other and a construction	ALT R. D. S. D. Such and C. H. V. 25
	in State 1 Scoendra Franco Singh, Y. Singh, K. J. Durein	r, W. Zeher, K. K. D. Shinge and Care Services
	residentiar scheme, 1156, 157-172 (2017). Institut hydrogon bondings and stacking of chelate rings	in new conner(11) complexes
5	nasical in the part Y sinch, D. Choquesillo-Lazaria	and R. J. Butcher Dalton Trans., 46, 2803-2820
	Construction of the second	
6	Contractes, single crystal structures and DFT studies of s	ome new mono-/binuclear copper(11) complexes: Possible
	models of authetic analogues of superoxide distnutase	indi Volubedron (20 161-18) (2017)
7	7 Part Y P. Juch, Y. Singh, R. J. Butcher, J.P. Jas	vity studies of vanadyl complexes with L-aspartic acid and
	inidezeles (11)-phenonthrolene as co-ligands	
	R. H. P. J. K. Mourya, Y. P. Singh, Y. Singh, S. Rat	ner, A. Kamal and I. P. Tripathi, J. Indian Chem. Soc., Phys.
0	1.7-15.12017)	0.1200 C. d. 2. And start structures and
8	 <u>bleva di boladovanadovne (V)</u> complexes with MMO dot formale milast males 	or senili onses, synthesis, ervistal sinictures faur
	C. A. A. M.	Tasinski, Polyhedren, 153, 102-109 (2017).
15	2 or any other and mental metal of the and electron in the second sec	paramagnetic spectra, DFT studies and superorade horman-
	the zeropeic of the star press (1) complexes the bit of	E)-phenyl(pyridin-2 yBmethylidene)[benzolsyllenzide
	P. Songh, A. K. Prod. N. P. Jack Strat. Chem. 12, 2112-3136 (2013).	nel 1., Singh, R. J. Butcher, J. P. Jasinski, Y. Colactor, and
	$\sim -1 - \frac{20}{2} \left(-\frac{1}{2} \left(-\frac{1}{2} \right) \right),$	

 		12 . 11	51,111			
Carlay I. C.						

- al rate is a second
- pridect metal(0) complexes. Synthesis, atructural contaction, cryomagnetic
- and real metrics and real metrics signation of the state of the s and and A Configure & Polyhedron, 161, 198-212 (2019).
- allo-1.1 and computational study of two new bridged copper(II) coordination complexes as possible and computation complexes as possible and computation complexes as possible and complexes. aunt communication complexes as possible and appendic dismutase. Molecular structures, X-band electron paramagnetic spectra and additional and additional and additional and additional add
- Tuck S. K. Patel, A. K. Patel, N. Patel, R. Singh, R. J. Butcher, J. P. Jasinski, A. Gutierrez, no on perties
- is for vanadium-protein interactions: "synthesis, characterization and antidiabetic properties
- niepatia, R. N. Jadejez, R. N. Patel, S. K. Patel, V. K. Gupta, I. P. Tripathi, N. Dwiwedi, Incr. 1-28 (2019).
- a lotal copper(11) complex derived from N-I(2E.3Z)-4- hvdroxy-4-nhenvlbut-2-en-2 adhidrazide: Synthesis, molecular structure, quantum chemical investigations, antioxidant and
- eratio e properties LR N. Jadeja, H. Roy, R. N. Patel, S. K. Patel, R. J. Butcher, J. Mol. Struct., 1185, 341-350 (2019).
- sopper(1) binuclear complexes with 2-I(E)-(pyridine-2ylhydrazono) methyll phenol: Molecular sanantum chemical calculations, cryomagnetic properties and catalytic activity
- and S.K. Pakel, D. Kumhar, Nirmala Patel, A.K. Patel, R.N. Jadeja, Neetu Patei, R.J. Butcher, M. Cortijo, a helphedron, 188, 114687 (2020)
- molecular assemblies of new pseudohalide end-to-end bridged copper(11) complex and molecular structural not perts and hexa-coordinted metal(II) complexes, with hydrazido-based ligand
 - mark, N. F., el, S. K. Parel, R. N. Jadeja, A. K. Patel, N. Patel, H. Roy, P. Bhagriya, R. Singh, R. J. Burcher S. Herrero, M. Conijo, Inorg, Chim. Acta, 583, 119371 (2020).
- tar an addition (1) complexes of a tridentate ONO Schiff base ligand: structural characterization, quantum in the interest one and in-vitro antidiabetic activity
- and Fliel, M.S., Prajapati, R.N. Jadeja, R.N. Patel, S.K. Patel, J.P., Tripathi, N. Dwavedi, V.K., Gupta, R.J. Eacher, Polyaedron, 130, 114434 (2020).
- cooper (Foundrarous complexes with different nuclearities and geometrics: Synthesis, structural characterization, 18 d lidan 50% activity and antiproliferative properties
- 14. Faul, R. M. Jadeja, H. Koy, R. N. Paul, S. K. Paul, R. J. Butcher, M. Conilio, S. Herrero, Polyhedron, 735.
- 19 a more and polymetear copper (11) complexes: Structural characterization, quantum chemical calculations and insiduit aperovide distantase studies
- Marcul S. K. Patel, D. Kumhar, N. Patel, R. J. Burcher, Indian J. Chem., 60A, 505-518 (2021)
- 20 and system a teractions, governing the supramolecular assembly of copper (II) complexes with hydrazone-type a di a manarar and quadam de adeol ande
- Noviel N. ... Parci, R.M. Jadeja, A. J., Parci, N. Parci, H. Roy, F. Kumar, R.J. Burcher, J. J. a ta ang S 11 paro Volyhedron Zift (15142 (2021). 21
- vial cits while on tal structures, D(1) and in vitro natioxidam superoxide distructure studies of copper (1) in antieves derived from the di-(2-picolyl)amine and co-ligands: Promising antioxidants S. K. Parel, R. H. Patel, A. K. Patel, N. Patel, M. Cortino, S. Herrero, D. Chaquesillo-Lazarte, Polyhedron, 217, 15609 (2022)

(R. N. Patel)