



AWADHESH PRATAP SINGH UNIVERSITY
REWA, MADHYA PRADESH



1.1.3.1: Number of courses having focus on employability/ entrepreneurship/ skill development year-wise during the last five years

MoU's with relevant organizations


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

अवधेश प्रताप सिंह विश्वविद्यालय, रीवा (म.प्र.)

क्रमांक/विकास/2021/474

रीवा, दिनांक : 30.7.2021

प्रति,

डॉ. धीरेन्द्र शुक्ल
विशेष कर्तव्यस्थ अधिकारी
मध्यप्रदेश शासन, उच्च शिक्षा विभाग, भोपाल (म.प्र.)

विषय :- "आत्मनिर्गम मध्यप्रदेश" कार्यक्रम के अन्तर्गत चिन्हित आउटपुट इंडिकेटर 7 ज्ञान की साझेदारी एवं आदान-प्रदान के लिये प्रतिष्ठित राष्ट्रीय एवं अन्तर्राष्ट्रीय विश्वविद्यालयों के साथ उच्च शिक्षा संस्थानों की सहभागिता-2021 के संबंध में।

संदर्भ :- आपका पत्र क्रमांक 698/89/आउशि/शा.-5/2021 भोपाल दिनांक 14/06/2021

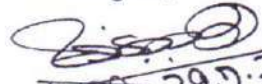
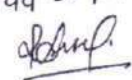
महोदय,

उपर्युक्त संदर्भित विषयान्तर्गत वांछित जानकारी निम्नानुसार निर्धारित प्रपत्र में आवश्यक कार्यवाही हेतु प्रेषित है -

सरल क्र.	विश्वविद्यालय के विभाग का नाम	एम.ओ.यू. का विषय	एम.ओ.यू. की अवधि	एम.ओ.यू. करने वाली संस्था/ विश्वविद्यालय का नाम	स्तर (राष्ट्रीय एवं अन्तर्राष्ट्रीय)	लाभान्वित होने वाले विद्यार्थियों की अनुमानित संख्या	रिमार्क
1	विज्ञान के विषयों में						
	भौतिकी विज्ञान विभाग	शोध एवं अकादमिक सहयोग	03 वर्ष	M.P. Council of Science and Technology, Bhopal (M.P.)	राष्ट्रीय	विज्ञान संकाय के 1000 विद्यार्थी	अभिलेख संलग्न
	कम्प्यूटर साइंस विभाग	-- " --	-- " --	-- " --	-- " --		
	रसायन विज्ञान विभाग	-- " --	-- " --	-- " --	-- " --		
	गणितीय विज्ञान विभाग	-- " --	-- " --	-- " --	-- " --		
2	अंग्रेजी विभाग	विद्यार्थी समन्वयन एवं उन्नयन	03 वर्ष	Dept. of Applied Videography, Sardar Vallabh Bhai Polytechnic College, Bhopal (M.P.)	राष्ट्रीय	लगभग 350 विद्यार्थी	अभिलेख संलग्न
3	पर्यावरण जीवविज्ञान विभाग	अध्ययन, अध्यापन, शोध एवं अकादमिक सहयोग	05 वर्ष	Dept. of Environmental Science, AKS University, Satna (M.P.)	राष्ट्रीय	लगभग 250 विद्यार्थी	अभिलेख संलग्न
		अध्ययन, अध्यापन, शोध एवं अकादमिक सहयोग	05 वर्ष	Dept. of Environmental Science, Govt. Science College, Jabalpur (M.P.)	राष्ट्रीय	लगभग 250 विद्यार्थी	अभिलेख संलग्न

4	मनोविज्ञान विभाग	अध्ययन, अध्यापन, शोध एवं अकादमिक सहयोग		Retnesh Dixit, Mining Officer, Collectorate Rewa (M.P.)	राष्ट्रीय	लगभग 350 विद्यार्थी	अभिलेख संलग्न
5	अंग्रेजी विभाग	विद्यार्थी समन्वयन एवं उन्नयन (प्रस्तावित)	03 वर्ष	Ramswaroop Memorial University, Lucknow (U.P.)	राष्ट्रीय	लगभग 250 विद्यार्थी	अभिलेख संलग्न
		विद्यार्थी समन्वयन एवं उन्नयन	03 वर्ष	Jagatguru Rambhadracharya, Chitrakoot (U.P.)	राष्ट्रीय	लगभग 250 विद्यार्थी	अभिलेख संलग्न
6	डिपार्टमेन्ट ऑफ कम्प्यूटर एप्लीकेशन	Tech Saksham: STEM Program for Girls (प्रस्तावित)	01 वर्ष	Jennifer Samantha Vincent, Sr. Program Manager, Edunet Foundation, Bangalore	राष्ट्रीय	लगभग 250 विद्यार्थी	अभिलेख संलग्न
7	अधिष्ठाता, छात्र कल्याण विभाग	सामाजिक जागरुकता, पर्यावरण, स्वास्थ्य संबंधी गतिविधियों का संचालन (प्रस्तावित)	03 वर्ष	Indian Red Cross Society, Rewa (M.P.)	राष्ट्रीय	लगभग 5000 विद्यार्थी	प्रस्तावित
8	व्यवसाय प्रशासन विभाग	Training in Banking, Finance & Insurance (प्रस्तावित)	03 वर्ष	Bajaj Finserve, Pune	राष्ट्रीय	लगभग 500 विद्यार्थी	प्रस्तावित

आदेशानुसार,


कुलसचिव 29.7.21


विश्वविद्यालय/महाविद्यालय का नाम – अवधेश प्रताप सिंह विश्वविद्यालय, रीवा (स.प्र.)
राष्ट्रीय/अन्तर्राष्ट्रीय संस्थाओं के साथ किये गये MoU की जानकारी –

क्र.	संस्था/विभाग का नाम (जिसके साथ MoU किया गया है)	राष्ट्रीय/अन्तर्राष्ट्रीय MoU	MoU का दिनांक	आयोजित गतिविधि का नाम, आयोजन दिनांक और अवधि	लाभान्वित शिक्षकों की संख्या	लाभान्वित विद्यार्थियों की संख्या	गतिविधि आयोजन की उपलब्धियों पर टीप
1	INFLIBNET CENTRE, GNADHI NAGAR	राष्ट्रीय	2018	Ph.D. Thesis upload in Shodh Ganga, and Plagiarism Check through Original Free of cost to students Forever Unless notified	—	414	
2	Virtual Lab, IIT Delhi	राष्ट्रीय	24-09-21	On line webinar 31-12-2021	—	436	
3	Virtual Lab, IIT Delhi	राष्ट्रीय	24-01-22	Virtual lab class 30-06-2022	25	500	
4	Edunet Foundation, Gurgaon	राष्ट्रीय	23-11-21	Training girl students free fo Cost under TechSaksham Program & FDP on AI Till further notification	30	30	
5	AKS University, Satna (M.P)	राष्ट्रीय	30-07-21	1. Statistical analysis learning 31/05/2021 (01 day) 2. University level competition and festival 18-20 March 2021 3 days	—	01	
6	Govt. Model Science College, Jabalpur (M.P.)	राष्ट्रीय	30-07-21	1. Statistical analysis learning 04/03/2022 (01 day)	—	01	
7	M.P.C.S.T. Bhopal	राष्ट्रीय	20-02-20	Mapping of Science & Technology Needs MPCST Bhopal	17	63	
8	I.P.S. Academy, Rajendra Nagar, Indore (M.P.)	राष्ट्रीय	18-04-22	Post Independence Development in Indian English Language & Literature 27-08-2022	—	100	
9	Dept. of Applied Videography, Sardar Vallabh Bhai Polytechnic College, Bhopal (M.P.)	राष्ट्रीय	28-06-21	National Webinar on Preparing Video Programs and PPT 07-08-2021	—	75	
10	Jagatguru Rambhadracharya, Chitrakoot (U.P.)	राष्ट्रीय	30-07-21	Invited Lecture on "Life Lessons for Students" by Dr. Yogesh Chandra Dubey, VC, JRDU, Chitrakoot 05-07-2021	—	110	
11	Jagatguru Rambhadracharya, Chitrakoot (U.P.)	राष्ट्रीय	30-07-21	On 12 th July 2022, an excursion of 50 students of English Department visited Chitrakoot under MoU	—	50	
12	Indian Red Cross Society, Rewa (M.P.)	राष्ट्रीय	10-06-21	Free Medical Checkup of Blood Pressure and Blood Sugar, 17-20 december, 2021	18	276	
13	Smart City Satna Incubation Centre	राष्ट्रीय	29-04-22	Boot Camp which created awareness about Startups 29-04-22	—	147	
14	UK Publications Pvt. Ltd., Noida (NCR)	राष्ट्रीय	23-09-21	Offered Summer Training Opportunity to two students every year, 23-09-21	—	02	
15	RK Engineering Corporation, Raipur (CP)	राष्ट्रीय	23-09-21	Offered Summer Training Opportunity to four students every year, 23-09-21	—	04	
16	Badrika Motors Pvt. Ltd. Rewa (M.P.)	राष्ट्रीय	23-09-21	06 students did Summer Training from the organisation, 23-09-21	—	06	
17	Royal Cars Pvt. Ltd. Satna (M.P.)	राष्ट्रीय	23-09-21	Offered Summer Training Opportunity to two students every year, 23-09-21	—	02	
18	Badrika Builders & Developers Pvt. Ltd. Rewa (M.P.)	राष्ट्रीय	23-09-21	Offered Summer Training Opportunity to two students every year, 23-09-21	—	02	
19	Lagsto Services Pvt. Ltd.	राष्ट्रीय	22-09-21	Offered Summer Training Opportunity to two students every year, 22-09-21	—	02	
20	Bajaj Finerv Limited, Pune Maharashtra	राष्ट्रीय	06.0921	Certificate Programme in Banking, Fainance & Insurane (CPBFI) to be conducted by Bajaj Finservice, free of cost.	—	42	

सहायक कुलसचिव (विकास)

कुलसचिव

Memorandum of Understanding

This Memorandum of Understanding is entered on 23/11/21 ("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, Rewa
Sixmoux Road, Rewa having its address
(hereinafter referred to as "Institution").

Whereas, Edunet is a non-profit 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):	20th July, 1968
Recognition, NAAC rating, ranking:	B
Vision:	To be premier institution, that offers teaching & learning program of best quality

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.

- 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.
- 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.
- Each Party is responsible for its own costs:** Both the Institution and Edunet will independently manage their cost towards fulfilment of obligations under this MOU.
- Single Point of Contact (SPOC) for program co-ordination:** Both the Parties shall appoint a suitable person who will serve as a single point 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.
- Society for Inclusive Education (SIE):** This is a student led initiative managed and supported by Edunet, 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 Edunet 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 to 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.

6. **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 be synchronized and published for use by everyone.

7. **Responsibilities of Edunet and/or its program sponsors/partners:**

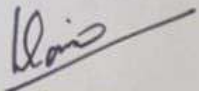
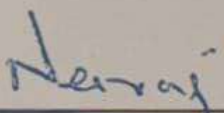

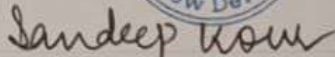
- a. **Orientation sessions:** Edunet will conduct orientation sessions for learners and educators, at a mutually agreed schedule, to onboard them onto the program(s).
- b. **Program materials:** Edunet will share all program materials with the institution and/or learners as required. All sharing will be online and/or through 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 Edunet Trainers to program beneficiaries
- d. **Online instructor led sessions:** These sessions may take the form of webinars or mentoring workshops or technology bootcamps 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 Edunet team members or program sponsors or external stakeholders as appropriate.
- e. **Interaction with Industry experts:** Edunet 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:** Edunet will conduct assessments, as required, for its programs prior to certification by Edunet and/or its industry partners and/or participating government agencies.
- h. **For programs with career paths:** Edunet will provide linkages with local and regional industry, government and the local start-up ecosystem (incubator setc) that will help learners with gainful employment and/or entrepreneurial opportunities. Interactions will be encouraged in terms of classroom sessions, workshops, internship opportunities, career opportunities and entrepreneurship opportunities.
- 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.
- j. **Updates:** Edunet will keep Institution management updated with the progress of the program(s)

8. **Responsibilities of Institution:**

- a. **Learner identification:** Institute will identify learners, volunteers and instructors who may participate in one or more programs offered by Edunet.
- b. **Support with orientation sessions:** Institute will support Edunet to conduct orientation session 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.
- f. **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 Edunet programs.

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

For Institution	For Edunet Foundation
	
Name: _____	Name: NEERAJ BAGGA
Designation: Registrar	Designation: TRUSTEE
Institutional Seal: A. P. S. University	
Rowa (M. P.)	
	



SHRI RAMSWAROOP MEMORIAL UNIVERSITY

Established by UP State Govt. ACT 1 of 2012

Lucknow-Deva Road, Uttar Pradesh

MEMORANDUM OF UNDERSTANDING

This document is a memorandum of understanding between Faculty of Arts, APS University, Rewa, Madhya Pradesh and Faculty of Humanities and Social Science, Shri Ramswaroop 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.

Shubha Tiwari
28.07.2021

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

Vijaya Sethi
30.07.2021

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

Witness-1


Shilpa Shukla
30.7.2021
Dr. Shilpa Shukla
Associate Professor

Witness-2

Bishun Kumar
30.07.2021
Dr. Bishun Kumar
Assistant Professor

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 mutually enrich our students in functional English and audio-visual aides preparation and presentation. We will carry out these activities both online and offline.

 28/6/2021

Dr. Awadhesh Singh
Prof. & Head

Dept. of Applied Videography
Sardar Vallabh Bhai Polytechnic
College
Bhopal, Madhya Pradesh



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

Seen

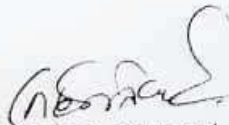

28/6/21
Sardar Vallabh Bhai Polytechnic College
Bhopal

Collaboration Letter/Memorandum of Understanding

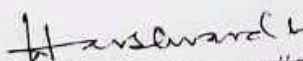
Collaboration Letter/ understanding for scientific co-operation in academics between Department of Environmental Science, AKS University, Satna (M.P.) and School of Environmental APS University, Rewa, M.P.

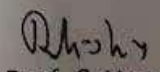
In order to advance relations for scientific and academic collaboration between Academic institutions and scientific organization/industry, AKS University, Satna (hereafter referred as AKSU) and APS University, Rewa (hereafter referred as APSU) in harmony with the spirit of scientific collaboration within 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.

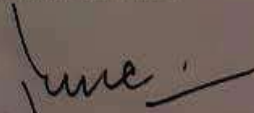

Prof. & Head

Department of Environmental Science
AKS University, Satna (M.P.)
Head of Department
Environmental Science
AKS University, Satna (M.P.)


Pro Vice Chancellor
AKS University, Satna (M.P.)


Prof. & Head

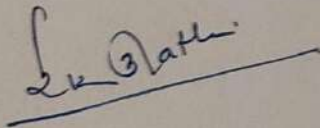
School of Environmental Biology
APS University, Rewa M.P.


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

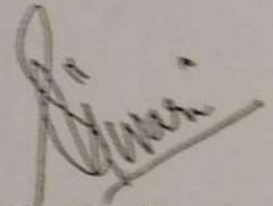
Date : 05/07/2021

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 audio-visual aides preparation and presentation. We will carry out these activities both online and offline.



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



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)**

BACKGROUND:

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 www.rgpv.ac.in 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 e-governance 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.

3.2 This MoU has been conceived to spell out the broad terms of understanding and commercial terms, 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:

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.

The entire data & inputs for the web site will be provided by the university in the readable soft copy in Microsoft word (.doc), Microsoft Excel (.xls), .PDF format and .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.

- 5.2.3. Provide the Technical expertise in designing, development, study and training required during the project.
- 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.
- 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.

7. TRAINING & AWARENESS PROGRAMS

- 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.

GENERAL PROVISIONS OF MOU:

9.1. Notice: Any notice, request, demand, approval, consent or other communication hereunder 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

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) only

<p>For Awadhesh Pratap Singh University, Rewa</p>	<p>For RAJIV GANDHI PRODYOGIKI VISHWAVIDYALAYA, Bhopal</p>
<p>Signature..... Name: PROF. PEEUSH RANJAN AGRAWAL Designation: Vice Chancellor Place: Bhopal Date: 7th January 2020</p>	<p>Signature..... Name: PROF. SUNIL KUMAR Designation: Vice Chancellor Place: Bhopal Date: 7th January 2020</p>



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

- (1) **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 Programs.
- (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 trends and in house requirements.
- (3) **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.

APSU

[Signature]

[Signature]

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

(B) APSU, REWA

- (1) **Research and Development:** Both Parties have agreed to carry out the joint research activities in the fields of Science & Technology.
- (2) First Party will provide research guide in the fields of Environmental Biology, 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.
- (3) First Party will provide facilities to Second Party in developing suitable teaching / training materials, keeping in mind the needs of the Second Party.

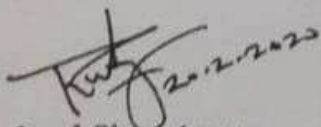
Terms and Conditions

- (1) Both parties affirm their commitment to implement the activities and achieve the objectives mutually agreed upon.
- (2) 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 law.
- (3) New assignments can be added during the course of implementation of MoU, if mutually agreed upon by both the parties.
- (4) Financial terms and conditions will be decided mutually as per need.

Validity of the MoU

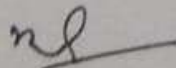
This MoU shall become effective on the date it is signed by both the parties and shall be valid for Three Years further extendable up to Five Years. Either party can revoke this MoU by giving one month notice.

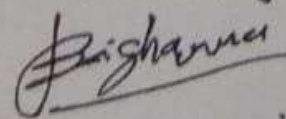
Agreed and signed on behalf of


20.2.2020

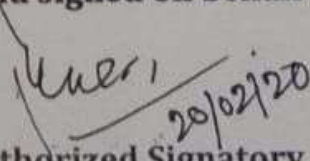
Authorized Signatory
MPCOST-BHOPAL

Witness 1

Signature: 
Name: Dr. M.K. Rathore
Designation: Joint Project Director

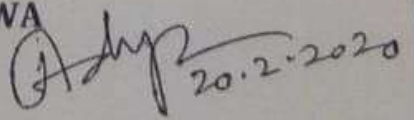
Witness 2
Signature: 
Name: Dr. Enaveen Dighavra
Designation: Sr. Principal Scientist

Agreed and signed on behalf of


20/02/20

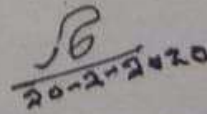
Authorized Signatory
APSU, REWA

Witness 1


20.2.2020

Signature
Name: Prof. A.P. Mishra
Designation: Professor of Physics

Witness 2

Signature: 
20-2-2020

Name: Prof. R.N. Patel
Designation: Coordinator,
MPCST, GII
APSU

MEMORANDUM
OF
UNDERSTANDING



Confederation of Indian Industry

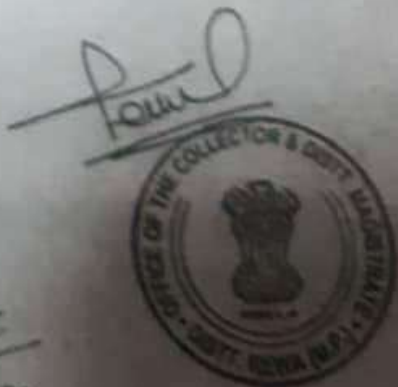
200,000 enterprises from 240 national and regional sectoral industry bodies. CII charts change by working closely with Government on policy issues, interfacing with thought leaders, and enhancing efficiency, competitiveness and business opportunities through a range of specialized services and strategic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

- 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. CII 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) CII 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 of Rewa MP.
- v) APSU is providing the space for establishing the MCSC and will assist in capital expenditure and set-up of the centre



Adivastava
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बसो विद्यालय
ए. एस. यू. रीवा (म.प्र.)

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VICE-CHANCELLOR
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 14 day of June, 2018;

Between

Collectorate of Rewa, Madhya Pradesh, (hereinafter referred to as "CoRMP") represented by the District Collector having its Office at Collectorate Rewa & its authorised signatory Babuash Dixit, which expression shall unless repugnant to the context and meaning thereof include its successors, administrators and permitted assignees).

And

Awadhesh Pratap Singh University, Rewa, (hereinafter referred to as "APSU") represented by Prof. Dr. Sujati Dwivedi having its Office at APSU Rewa & its authorised signatory Mr. Kedar Nath Singh Yadav, 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 Ashish Keshavnani, General Secy., 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:

- 1) 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



Handwritten signature of Prof. Dr. Sujati Dwivedi, Vice Chancellor, APSU. Below the signature is the text 'विभागाध्यक्ष' and 'VICE - CHANCELLOR'.



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

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.



Adhvastava
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वनो विद्यालय विभाग
६०० प्र. सिंह विद्यापीठ, धरम

...
VICE - CHANCELLOR
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 to 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 re-enactment 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.



Chivastava
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ग्रामी शिक्षण विभाग
ए. एस. विश्व विद्यापीठ, रीवा

Chivastava
VICE-CHANCELLOR
A.P.S. University
REWA (M.P.)



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Adhvastava
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वनो विद्यालय विभाग
६०० विद्युत् विद्यालय, बीकानेर

[Signature]
VICE - CHANCELLOR
A.P.S. University
REWA (M.P.)



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Chivastava
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ग्रामी शिक्षण विभाग
ए. एस. विश्व विद्यापीठ, रीवा

Chivastava
VICE - CHANCELLOR
A.P.S. University
REWA (M.P.)



Scope of Work:

While running the MCSC Rewa, CII will 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 Temp Resources etc.

To community:

- Support in Skilling Initiatives
- Campus Focused Activities
- Roll out focused initiatives pertaining to target audience, such as women orienter 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 facilitate employment for candidates. The impact (Registration, career interest assessment, career 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 candidates from the region.



Divyanshu
विभागाध्यक्ष
मनो विज्ञान विभाग
डॉ. ए. वि. विश्वविद्यालय, राब.

Nominee
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 Kesharwani
(Designation) CIO - MCC
Date: 04.06.2018



2. For Collectorate of Rewa

(Name) Ramesh Dixit
(Designation) OJE Mining
Date: 04.06.2018



3. For Anandesh Pratap Singh University Rewa

(Name) Prof. Dr. Jayati Swastika
(Designation) Professor and Head (B.Ed)
Date: 04.06.18

विभागाध्यक्ष
बनो विद्यालय विद्या
ब. ए. विद्या विद्यालय

Witness:
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VICE-CHANCELLOR
A.P.S. University
REWA (M.P.)

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.

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
4. Through press notes and advertisements.

3. 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
4. Placement Drives and Job Fairs

4. Provide support services:

- a. Training
- b. Assessment Support etc.



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विभागाध्यक्ष
सरो विज्ञान विभाग
ए. पी. सिंह विश्वविद्यालय, राँची

Chancellor
VICE-CHANCELLOR
A.P.S. University
REWA (M.P.)



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- 2. About 10000 (with 10000) (with 10000)
- 3. About 10000 (with 10000) (with 10000)
- 4. About 10000 (with 10000) (with 10000)

For more information visit our website |

Collector

Ministry Officer to
be my nominee

Dr. P. S. Rao
04/06/18

V.C. Siva APSU

By my hand
in witness
presence
V.C. Siva APSU
A.P.S. Hyderabad
REWA (MP)



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Dr. P. S. Rao
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अवधेश प्रताप सिंह विश्वविद्यालय

रीवा - 486003 (म.प्र.)

Awadhesh Pratap Singh University

Rewa - 486003 (MP)



डॉ. आनन्द कुमार काम्बले
कुलसचिव

स्वर्ण जयंती वर्ष

2017-18

Dr. Anand Kumar Kamble
Registrar

No. R/2018/869

Date 26/05/18

To,

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

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

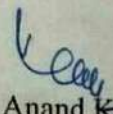
Dear Sir,

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 dissertation in Shodhganga.

Looking forward for an early response.


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

Ph.: 07662-230050, Fax : 07662-233866, e-mail : regapsu@gmail.com



एक शरण सत्यता की ओर

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 _____ (Day) _____ (Month) _____ (Year) between the INFLIBNET Centre, an IUC of University Grants Commission located at Gandhinagar, hereinafter referred to as "INFLIBNET" and Awadhesh 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.

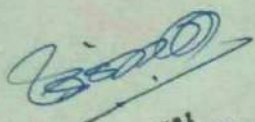
WHEREAS Awadhesh Pratap Singh (University / Deemed University / Inter University Centre) has agreed to take part in the process of digitisation of old theses and dissertations (not available in computerized machine-readable format) and building-up of digital repository and to promote, share and host 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 referring to the repository 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:

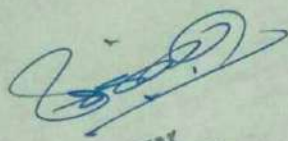
I. INFLIBNET Centre

1. 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


A. P. S. University
BINA (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.

2. 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.
3. Provide configuration of system, specifications and technical guidance to the University for procurement of computer hardware and related systems for setting-up of ETDs.
4. 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.
5. 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'.
6. Extend access to an anti-plagiarism software or provide services to evaluate theses for possible plagiarism and submit a report to the concerned university.
7. The INFLIBNET may refuse to host any material deemed by the INFLIBNET to be controversial in nature or is in violation of copyright act.
8. 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.

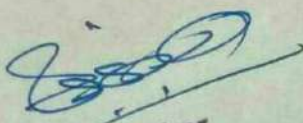

LIBRARY
A. P. S. University
BEWA (M. P.)

12. INFLIBNET Centre also maintains a repository called "Shodhgangotri" for hosting the approved synopses of research topic submitted to the universities by the students for registering themselves under the doctoral programme. Research students/their supervisors are encouraged to submit approved synopses/research proposals and register their priority on a research proposal through the repository.

II. 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 'Shodhganga'/'Shodhgangotri' or any other server designated for this purpose.
2. The University / its researcher scholars agree to host / upload a computerized machine-readable file 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 omissions contained in the original theses.
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 / are deployed for the same job.
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 their deposition in the ETDs.
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 Union Catalogue (IndCat).
10. Commits to sharing of library ETD resources / databases with the INFLIBNET Centre as well as with other universities.

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Registrar
A. P. S. University
NEWA (M. P.)

11. The University would agree 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 Centre to make electronic version of theses in full-text (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, organization, etc.)

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

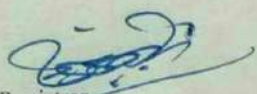
Both, the Parties, will have rights to terminate the MoU at any time in case of breach of obligations and terms and conditions of the MoU. This MoU signed hereunder may be terminated by either party at anytime upon ninety (90) days prior written notice. Upon termination of this Agreement, the INFLIBNET / 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 / Registrar
or designated authority.

(Name, Signature and Seal)



Registrar
P. S. University
BEWA (M. P.)

INFLIBNET:

Dr. Jagdish Arora,
Director
INFLIBNET Centre,
An IUC of University Grants Commission,
Infocity, Gandhinagar - 382 007.



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

Ref. No.:

Date : 14-02-2021

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, Departamento de Qumica Inorganica I, Universidad Computense, Madrid, Spain.
- (iv) Prof. Dr. Santiago herrero Dominguez, Departamento de Qumica Inorganica, Universidad Computense, Madrid, Spain.
- (v) Prof. M. Cortijo, Departamento 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


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



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	<u>Copper(II) and nickel(II) complexes with N'-(Z)-phenyl(pyridin-2-yl) methylidene]acetohydrazide: Synthesis, crystal structures, DFT calculations and antioxidant effects</u> R. N. Patel, Y. Singh, Y. P. Singh, R. J. Butcher, A. Kamal, I.P. Tripathi, Polyhedron, 117 , 20-34 (2016).
2	<u>Unprecedented tetranuclear complexes "weighing balance shaped" topology: Single crystal structures, unusual EPR spectra, magnetic properties and antioxidant activity</u> 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	<u>Structure and antioxidant superoxide dismutase activity of copper(II) hydrazone complexes</u> 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	<u>Syntheses, crystal structures, spectral and DFT studies of copper(II) and nickel(II) complexes with N'-(pyridine-2-ylmethylene)acetohydrazide</u> 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	<u>Classical hydrogen bondings and stacking of chelate rings in new copper(II) complexes</u> Y. P. Singh, R. N. Patel, Y. Singh, D. Choquesillo-Lazarte and R. J. Butcher Dalton Trans., 46 , 2803-2820 (2017).
6	<u>Syntheses, single crystal structures and DFT studies of some new mono-/binuclear copper(II) complexes: Possible models of synthetic analogues of superoxide dismutase</u> R. N. Patel, Y. P. Singh, Y. Singh, R. J. Butcher, J.P. Jasinski, Polyhedron, 129 , 164-181 (2017).
7	<u>Synthesis, spectral, DFT calculations and biological activity studies of vanadyl complexes with L-aspartic acid and imidazoles/1,10-phenanthroline as co-ligands</u> R. N. Patel, K. Maurya, Y. P. Singh, Y. Singh, S. Rather, A. Kamal and I. P. Tripathi, J. Indian Chem. Soc., 94 , 347-362 (2017).
8	<u>New di-1-oxidovanadium(V) complexes with NNO donor Schiff bases: Synthesis, crystal structures and electrochemical studies</u> R.N. Patel, Y. P. Singh, Y. Singh, R. J. Butcher, J. P. Jasinski, Polyhedron, 133 , 102-109 (2017).
9	<u>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</u> 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 R. N. Patel, Y. P. Singh, <i>J. Mol. Stru.</i> , 1153 , 162-169 (2018).
11	Three new tetranuclear phenoxy-bridged metal(II) complexes; Synthesis, structural variation, cryomagnetic properties, DFT study and antiproliferative 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, <i>Polyhedron</i> , 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, <i>Polyhedron</i> , 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, <i>Inorg. Chim. Acta</i> , 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, <i>J. Mol. Struct.</i> , 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, <i>Polyhedron</i> , 188 , 114687 (2020).
16	Supramolecular assemblies of new pseudohalide end-to-end bridged copper(II) complex and molecular structural variety of penta and hexa-coordinated 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, <i>Inorg. Chim. Acta</i> , 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, <i>Polyhedron</i> , 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, <i>Polyhedron</i> , 186 , 114624 (2020).
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, <i>Indian J. Chem.</i> , 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, <i>Polyhedron</i> , 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-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, <i>Polyhedron</i> , 212 , 115609 (2022).


 (R. N. Patel)



Ref. No.:

Date : 20-7-2022

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, Departamento de Qumica Inorganica I, Universidad Computense, Madrid, Spain.
- (iv) Prof. Dr. Santiago herrero Dominguez, Departamento de Qumica Inorganica, Universidad Computense, Madrid, Spain.
- (v) Prof. M. Cortijo, Departamento 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	<u>Copper(II) and nickel(II) complexes with N'-(Z)-phenyl(pyridin-2-yl) methylidene]acetohydrazide: Synthesis, crystal structures, DFT calculations and antioxidant effects</u> R. N. Patel, Y. Singh, Y. P. Singh, R. J. Butcher, A. Kamal, I.P. Tripathi, Polyhedron, 117 , 20-34 (2016).
2	<u>Unprecedented tetranuclear complexes "weighing balance shaped" topology: Single crystal structures, unusual EPR spectra, magnetic properties and antioxidant activity</u> 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).
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8	New di- <i>l</i> -oxido vanadium(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, <i>Polyhedron</i> , 133 , 102-109 (2017).
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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, <i>J. Mol. Struc.</i> , 1153 , 162-169 (2018).
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21	Synthesis, single crystal structures, DFT and in vitro anti oxidant superoxide dismutase studies of copper(II) 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, <i>Polyhedron</i> , 212 , 115609 (2022).


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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:

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11	Three new tetranuclear phenoxy-bridged metal(II) complexes: Synthesis, structural variation, cryomagnetic properties, DFT study and antiproliferative 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).
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