



Dharampeth Education Society's

**DHARAMPETH M. P. DEO MEMORIAL  
SCIENCE COLLEGE**

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NAAC ACCREDITED - A GRADE (3.01)

**DR. AKHILESH V. PESHWE**  
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Letter No: DSC/SR/JR/

Date: 31<sup>st</sup> March, 2023

## CERTIFICATE

This is to certify that, the Number of MoUs, collaborations / linkages for Faculty exchange, Student exchange, internship, field trip, on-the-job training, research and other academic activities during the last five years under Criterion-III (3.5.1) are as follows:

Sr. No.	Year	Number of MoUs / Collaborations / linkages Signed	Duration of MOU / Collaboration / Linkage	Number of Activities Conducted
1.	2021-22	Nil	NA	01
2.	2020-21	02	3 & 5 years	01
3.	2019-20	02	1 year each	03
4.	2018-19	04	1 year each	05
5.	2017-18	03	1, 1 & 5 years	03
	<b>TOTAL</b>	<b>10</b>	<b>NA</b>	<b>13</b>

AKHILESH  
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Date: 2023.05.04  
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**Dr. Akhilesh Peshwe**  
Principal

**DHARAMPETH M. P. DEO MEMORIAL SCIENCE COLLEGE,  
North Ambazari Road, Near Ambazari Lake, Nagpur**

**NAAC ACCREDITED GRADE 'A' WITH CGPA 3.01 (Third Cycle)**

## **CRITERION-III**

**Research, Innovations and Extension**

# **YEAR-1**

# **2021-22**

**3.5.1**

**Number of MoUs, collaborations / linkages for Faculty exchange,  
Student exchange, internship, field trip, on-the-job training,  
research and other academic activities during the years 2021-22**

**SSR: 2023 FOR NAAC FOURTH CYCLE**



**DHARAMPETH M. P. DEO MEMORIAL SCIENCE COLLEGE,  
NAGPUR**

**3.5.1**


**Number of MoUs, collaborations / linkages for Faculty exchange, Student exchange, internship, field trip, on-the-job training, research and other academic activities during the years 2021-22**

**List of MOUs & Activities Conducted**

Sr. No.	Name of the MoU / Collaboration / linkage	Year of Signing of MoU/ Collaboration / Linkage	Duration of MoU / collaboration / linkage	Name of Activity
1.	Prabhat Tours & Travels	2017-18	5 years	Nil
2.	Minex Metallurgical Co Ltd., Mumbai, Maharashtra 400069	2020-21	5 years	1. Consultancy 2. Research paper
3.	1. Santaji Mahavidyalaya, Nagpur; 2. J. M. Patel College, Bhandara; 3. Dr. M. K. Umathe Arts & Commerce College, Nagpur; 4. Bar. Sheshrao Wankhede College of Arts and Commerce, Khaparkheda; 5. Mahila Mahavidyalaya, Nagpur	2020-21	3 years	Nil

  
**Prof. Pitambar Humane**  
IQAC Coordinator

**CO ORDINATOR**  
INTERNAL QUALITY ASSURANCE CELL  
DHARAMPETH, M. P. DEO MEMORIAL &  
SCIENCE COLLEGE, NAGPUR

  
**Dr. Akhilesh Peshwe**  
Principal  
Principal  
Dharampeth M.P. Deo Memorial  
Science College, Nagpur.

# Memorandum of Understanding Between



Dharampeth M. P. Deo Memorial Science College, Nagpur,  
India-440033.

And



Minex Metallurgical Co. Ltd., Mumbai, India- 400069

## **MEMORANDUM OF UNDERSTANDING**

Between

**Dharampeth M. P. Deo Memorial Science College (DSC) Nagpur-440033**

And

**Minex Metallurgical Co Ltd, Mumbai, Maharashtra 400069**

This Memorandum of Understanding (MOU) is made and entered into by and between 'Dharampeth M. P. Deo Memorial Science College (DSC) Nagpur', India and the, 'Minex Metallurgical Co Ltd, Mumbai'. The entities listed above may collectively be referred to as the parties to this MOU.

### **Article 1. SCOPE and PURPOSE**

The main purpose of this MOU is to promote an institutional linkage between DSC and MINEX and to explore avenues for possible collaboration in-

(1) We would like to do a technical collaboration with DSC particularly with the Department of Physics of DSC and expertise of the faculty therein by using the facilities at available at DSC. However, in case of any new experiment design, development or performance or any consultancy services there will be no financial encumbrance on DSC.

(2) Research, training and internship Industrial projects of students broadly in the area of Science and Technology in which expertise exists and can be mentored by either or both of the two organizations.

(3) The consultancy amount received by the Minex will be received directly in the names of the Principal of the college or Co-ordinator of this MOU and the receipt will be provided to the other part as and when required.

## **Article 2: DURATION**

This MOU will be in effect from the date of signing and remain in force for period of 5 years until December 2026 or until such time as proper notification is given by one or both of the parties of the intent to terminate or to modify the institutional relationship.

## **Article 3: ROLES AND RESPONSIBILITIES**

Both parties agree on the followings:

1. To designate contact person(s) to facilitate the contacts and progress of the Work.
2. To regularly avail the facility of testing such as thermal conductivity, electrical conductivity and tailor made instruments etc. to ease the R & D activities of Minex.
3. To regularly avail facilities related to research available at the Minex end for the benefit of both the organizations and publications/ patents if any.
4. Implementing joint projects and sharing experiences:
  - i. To jointly prepare project proposals and submit to the relevant National and International funding agencies on mutually agreed subjects on Metallurgy and Material, Mining Engineering to implement the approved projects by using capacities of both parties;
  - ii. To exchange faculty, experts and students for sharing knowledge and experiences for shorter or longer research visits.
5. Collaborate in education of students and young scientists:
  - i. The respective engineers/ R&D personals/ Manager of Minex Metallurgy and faculty members of DSC will together formulate the syllabi for academic programmes, new courses, joint research projects and provide training for skill-oriented human resource development of the stakeholder


within the areas of co-operation, faculty/research scholar exchange program, joint training programmes/ workshops etc.

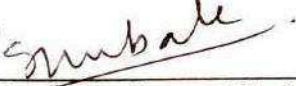
- ii. The experienced resource at the various department and Minex Metallurgy may as well provide external guidance to students at the M.Sc. or Ph.D. level.

Separate agreements will be prepared and signed by both parties in case that a project proposal succeeds and receives funding. The exact terms and conditions of future co-operation will be deliberated and documented in more specific national/international collaboration agreements.


Signed on the .... 6<sup>th</sup> day of ..... April ..... 2021 in the witness thereof

On behalf of  
Dharampeth M. P. Deo Memorial  
Science College, Nagpur (DSC)

Sign:   
Dr. Akhilesh Peshwe  
Principal  
Dharampeth M.P. Deo Memorial  
DSC, Nagpur Science College, Nagpur.

Witness 1.  
Sign:   
Name: Professor Dr Seema Ubale

Witness 2.  
Sign:   
Name: Dr. Nitin P Gaikwad


Coordinator from DSC:  
Sign:   
Name: Lt. Dr. Prashant W. Ambekar

On behalf of  
Minex Metallurgical Co Ltd, Mumbai  
(MINEX)

Sign:   
Mr. David Lawrence  
Plant Head  
Minex Metallurgical Co Ltd, Nagpur

Witness 1.  
Sign:   
Name: Mr Suresh Kumar Yadav

Witness 2.  
Sign:   
Name: Mr Satish Parse

Coordinator from MINEX:  
Sign:   
Name: Dr. Pallavi Y. Deshmukh

## **Appendix:**

### **Dharampeth M. P. Deo Memorial Science College, (DSC), Nagpur**

Dharampeth M. P. Deo Memorial Science College, Nagpur is a renowned Institute known for its cultured, academic and environment friendly atmosphere. The Institute works under the umbrella of Dharampeth Education Society, Nagpur which is established in the year 1929 and approaching to its Diamond Jubilee. The DSC is recognized as GRADE-A by the NAAC in 2017 and also granted 2F/12B stature by the UGC, New Delhi.

The Institution is conducting Bachelor of Science in most of the Science subjects and also providing few Masters programmes. All the faculties are doctorate in their subjects and also guiding Ph.D. students too, in addition to their own research.

The Institution has generated many alumnus who are doing excellence in their jobs and professions. More over the Institutional staff have published many papers and granted papent.

### **MINEX Metallurgical Co. Ltd., Mumbai**

The company was founded in 1981 and is headquartered in Mumbai, India. Inseption of 1<sup>st</sup> plant was in the year 1984 and an ISO 9001: 2008 certified Minex Metallurgical Co. Ltd. is at the helm of the alloying industry manufactures and provides alloying solutions to iron and steel, aluminum, foundry, welding, and other non-ferrous industries. Its products include alloying tablets, deoxidisers, desulphurisers; hardeners; inclusion modifiers; inoculants; micro alloying/alloying metals for steel, lead for free machining steels, selenium, sulphur cored wires, and tellurium in steel making; nodularizers; and surface coating additives.

We also manufactures cored wire feeder products, such as rod feeders for aluminum industries, single strand wire feeders, two strand wire feeders for steel foundry, two strand wire feeders for steel plant, four strand wire feeders for steel plant, vertical wire straighteners for pure Ca wire injection in steel plants, vertical magnesium wire injection systems for SG foundries and DI pipe industries, customised guide systems, customised rear guide systems, auxillary systems, and control systems with high level of automations. It offers its products for clientele in India, as well as exports internationally.

Being an innovation driven company, we combine the personal service for customers with creative flare for developing new ideas while caring for communities it serves.



**ANALYTICAL SERVICES:** Adopting the usage of up-to-the minute technology, we expand and improve the quality and performance of our additive alloys for Steel, Iron and Aluminium. Continually upgrading the manufacturing processes, and using the latest methods in process analysis and design, product design, and application development. we combine top class innovation with cutting edge technology to deliver 'alloying solutions' in a constantly changing world.

Our domination of the Indian market has now propelled us to go Global and we now deliver our products to several customers in the international market.



DHARAMPETH M. P. DEO MEMORIAL SCIENCE COLLEGE, NAGPUR

INTERNAL QUALITY ASSURANCE CELL (IQAC)

## Activity Report

Date: 31-05-2022

**Name of Organizing Department or Committee:** Department of Physics

**Name of the activity:** Consultancy services provided by Lt. Dr. P. W. Ambekar

**Suggested CRITERION point if any:** 3.4.2

**Date of Activity:** July 06, 2021; Oct. 21 & 29, 2021 and Mar. 14, 2021

**Place of Activity:** Department of Physics Research Lab and Minex Mett. Co. Pvt Ltd. Nimji

**Name of Guest Speaker/s or Judge/s or Chief Guest/s if any:** NA

**Title of the Activity:** Consultancy Services

**Number of Participants:** NA

**Name of the Teacher In-charge / Convener:** Lt. Dr. P. W. Ambekar

**Names of other Committee Members / Staff:** NA

**OUTCOME of the Activity with respect to mission vision of the institute and or academics:**

An MoU between Minex Metallurgical Industries Pvt. Ltd. Mumbai (Industry location – Nimji, Kalmeshwar Road, Nagpur) and Our Institute (Dharampeth M. P. Deo Memorial Science College, Nagpur) has been signed for next 5 years. The company deals with Aluminium related alloys, products, and other metals. It has three units around Nagpur and has a very good laboratory and research establishment.

A consultancy service is provided to the said industry for providing expertise in repairing the age-old instruments and other solutions. Recently, thermal conductivity measurement of Aluminium and its alloys at different temperatures were studied by Lt. Dr. Prashant Ambekar. The testing facility was developed and standardised to produce standard measurements.

Apart from this, as a result of the MoU signed with the said industry, a joint research paper has been published in the journal of AAI and another paper is in pipeline. This shows an excellent example of Industry- Institute direct linkage. The department of physics is also planning to have industry visits of the students and to provide internships to few interested students in the said industry.

**Activity with newspaper coverage if any:** No

**Activity data save in PC of:** Lt. Dr. P. W. Ambekar

Prof. Pitambar Humane  
IQAC Coordinator

**CO ORDINATOR**  
**INTERNAL QUALITY ASSURANCE CELL**  
**DHARAMPETH, M. P. DEO MEMORIAL &**  
**SCIENCE COLLEGE, NAGPUR**

(Lt. Dr. Prashant Ambekar)  
Name & Signature of Teacher In-charge

Dr. Akhilesh Peshwe  
Principal

**Principal**  
**Dharampeth M.P. Deo Memorial**  
**Science College, Nagpur.**

**PAYMENT ADVICE**

**Account No. :** XXXXXXXX0010      **Customer Ref. No. :** 333443155      **Value Date :** 06-Feb-2022

<b>Beneficiary Code :</b> P0361	<b>Beneficiary Account No. :</b> XXXXXX0251
<b>Beneficiary Name :</b> PRINCIPAL DHARAMPETH M.P DEO MEM ORIAL SCIENCE COLLEGE NAGPUR	<b>Payment Document No. :</b> CMS2381561370_1
<b>Beneficiary Address :</b>	<b>Payment Mode :</b> NEFT
	<b>Bank Reference No. :</b> CMS2381561370
	<b>UTR No. :</b> CMS2381561370
<b>Contact/Mobile No. :</b>	<b>Remarks :</b> 617407
<b>Email IDs :</b> pacific0701@rediffmail.com;jayanta@mine xindia.com	<b>Additional Details :</b> PB NO. DSC/CON/2022/OO1

Dear Sir/Madam,

We have initiated your payment through NEFT with Beneficiary Account No. XXXXXX0251 and IFSC MAHB0000060 for the value of Rs. 25,560.00 (Rupees Twenty-five Thousand Five Hundred Sixty Only).

**Minex Metallurgical Co, Pvt. Ltd.**

68/3, Nimji, Tahsil: Kalmeshwar, Dist: Nagpur  
Tel: (07114) 280504, Fax: (07114) 228304  
E-mail: info.niraj@minexorata.com



Date: 10<sup>th</sup> February 2022

To  
Lt. Dr. Prashant W. Ambekar  
Department of Physics,  
Dharampeth M. P. Deo Memorial Science College, Nagpur-44 00 33, INDIA

Subject: Appreciation and consultancy letter for the Equipment Repair.

Dear Dr Prashant Ambekar,  
Thank you very much for providing your expertise in the restoration of our EDXRF 700 instrument at our Nimji plant. Minex also appreciate the technical support provided in carrying out the Thermal Conductivity Experimentation (Coefficient of Thermal Expansion) by setting up the Searle's method setup at Dharampeth Science College Physics Laboratory.

For this the consultancy charges of Rs. 25,560.00 are paid.

We would like to take your amazing acumen for repairing and refurbishing sophisticated equipment forward in the restoration/repair of the old/dead equipment for our other instruments such as Spectro (OES), WD XRF (Oxford) and ED XRF (Spectro).

Kindly accept the invitation to go through the above-mentioned equipment of our Minex Metallurgical Company and remuneration will be provided for the same.

Looking forward to a long lasting constructive association with Dharampeth Science College, Nagpur.

Thanks and regards

Dr. Pallavi Deshmukh | Manager – Research & Development |  
Minex Metallurgical Co Ltd  
68/3, Moolza Nimji, Tahsil: Kalmeshwar, Dist : Nagpur -441501 | India  
Cell +91 9823588225 | Tel + 91 7118 06444 | 065400 | Fax : +91 7118 665440 | Website :  
www.minexindia.com  
An ISO 9001 : 2015, ISO 14001 : 2015, ISO 45001 : 2018 Certified Company  
A Govt. Of India Recognized Two Star Export House

**Prof. Pitambar Humane**  
IQAC Coordinator

**CO ORDINATOR**  
**INTERNAL QUALITY ASSURANCE CELL**  
**DHARAMPETH, M. P. DEO MEMORIAL &**  
**SCIENCE COLLEGE, NAGPUR**

**(Lt. Dr. Prashant Ambekar)**  
Name & Signature of Teacher In-charge

**Dr. Akhilesh Peshwe**  
Principal  
**Principal**  
**Dharampeth M.P. Deo Memorial**  
**Science College, Nagpur.**

# STUDY OF THERMAL AND ELECTRICAL PROPERTIES OF ALUMINIUM CERIUM ALLOY WITH VARYING CERIUM DOPING FOR HIGH ENERGY STORAGE BATTERY APPLICATIONS

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<sup>2</sup>Minex Metallurgical Co. Ltd., 301 Rajguru Apartments, 3 New Nagardas Road, Andheri East, Mumbai  
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## Abstract

The Aluminium- Cerium (AlCe) alloys with Cerium content from 1-8 % in Al were cast in the sand-casting mould by adding Ce% into EC grade Al (99.97% purity). The thermal conductivity, electrical conductivity and metallography analysis were measured for each alloy. The microstructural and elemental analysis was done by JEOL Scanning Electron Microscope (SEM) with Brookler EDS. The electrical and thermal conductivities were found to be in the increasing order with decreasing Ce%, from 8 % to 1% gradually. The microstructure shows the fine grains formation of average size of 77  $\mu\text{m}$  for AlCe1% alloy. A correlation was observed between the electrical, thermal and mechanical properties for all prepared compositions of AlCe alloy. The results indicate that AlCe alloys with lower Ce content (1-2%) makes a more superior structure of Al grains and have higher electrical and thermal conductivity properties especially with lower Cerium content.

**Keywords** — AlCe alloy, Electrical Conductivity, Grain Size, Microstructure Characterisation, Thermal Conductivity

## 1. INTRODUCTION

Thermal conductivity of materials is measured for its ability to pass a known amount of heat through it. The effectivity of transfer of heat through surroundings depends on the thermal conductivity of the materials. The materials with poor thermal conductivity resist heat flow and also obtain heat slowly from their surroundings. The thermal conductivity of a material is measured in Cal/gm/°C/sec [1]. R L Clarke and et al has done a work on Introducing Cerium Based High Energy Redox Batteries, in which for redox battery, Cerium ion was introduced for a high energy positive electrolyte. With the use of good industrial and efficient manufacturing performs, the next goal is to develop this into practical high capacity storage batteries [2]. Some of the researchers have studied the special effects of the addition of rare earth metals (largely lanthanum and cerium) in the eutectic Al-Si alloys. It was found that addition of La or Ce increases the AlSi alloy melting and eutectic temperature, with a recalescence of 2-3°C due to precipitation of rare earth intermetallic, which bases the modification in the crystal structure and the corresponding entropy changes. The partial modification of eutectic Si particles is caused by the addition of La or Ce to Al-(7-13) %. [3]. The work done by David Weiss describes the progress and the castability of near eutectic Aluminum Cerium (Al-Ce) alloy structures. These alloys have worthy mechanical properties and are very castable at high temperatures. In alloy systems,

when Si, Mg and /or Cu are added in combination with Cerium, the casting characteristics are better than the Aluminum-Copper system. The mechanical strength at room temperature can be increased by addition of Magnesium [4]. A microstructural refinement can be brought about by addition of Ce below 2 wt%. A decrease of  $\alpha$ -Al grain size, refining eutectics and morphological variations in unfavourable shape of intermetallic compounds can be brought about by addition of Ce. For most of the cast commercial grades alloys such as Al-Si, Al-Li and Al-Mg the positive effects are observed. The optimum Ce addition is required to get the desired effects. For AlCu alloy system, the slight deviation in the Cerium addition can cause detrimental effects, where Ce delays precipitation of strengthening phases. The thermal stability of Al alloys at high temperature can be improved by addition of Cerium. During early days the research was done on the Al-Si-Ce, Al-Ni-Ce, Al-Cu-Ce alloys and powder metallurgy Al-Fe Ce alloy with Ce content up to 16 wt%. But in the recent decade, there is a re-established interest in using Ce as the major alloying element and research focus on Al-Ce-Si-Mg with Ce exceeding 10 wt% and Al-Cu-Ce alloys with 3-7 wt% Ce [5]. The refinement of the primary silicon and of the eutectic silicon morphology was achieved with additions of cerium (up to 1 % Ce) to hypereutectic Al-Si alloys. With the addition of 1 % Ce, the best results for the microstructural and strength properties were

obtained. With an increase in the cerium additions, the precipitation temperature of the primary silicon phase decreased. The addition of 1 % Ce produced the highest reduction in the liquidus temperature, from 686.6 °C to 591.9 °C [6].

Based on the above literature survey, this project focus on the observation in the electrical and thermal conductivity of Aluminium cerium alloy with varying Ce% and its correlation with the microstructure.

## 2 Experimental:

### 2.1: Alloy Preparation:

AlCe10% alloy was made by melting route in a 20kW resistance furnace of 10 kg capacity by adding Ce MM metal (A typical composition includes approximately 55% Ce, 25% La, and 15-18% neodymium with other rare earth metals are seen as a series of 17 elements: scandium, yttrium, and the lanthanide series (lanthanum, cerium, praseodymium, neodymium, promethium, samarium, europium, gadolinium, terbium, dysprosium, holmium, erbium, thulium, ytterbium, and lutetium) following[19]) with argon purging and degassing by Nitrogen. To this AlCe10% alloy, EC grade (99.97% purity) was added subsequently to cast AlCe8%, AlCe4%, AlCe2% and AlCe1% alloy by above mentioned production process. The alloys were cast in to sand casting mould with no shrinkage and blow holes casting defects.

The chemical composition of the alloys is as shown in Table 1:

**Table 1: Chemical composition of AlCe alloys**

AlCe Alloy	Ce%	La%	Nd%	Fe%	Others%	Al %
Alloy 1	8.63	3.673	0.0265	0.165	0.3138	Balance
Alloy 2	4.91	2.046	0.0166	0.137	0.3245	Balance
Alloy 3	2.80	1.181	0.0083	0.110	0.2987	Balance
Alloy 4	1.92	0.548	0.0045	0.095	0.3167	Balance

The alloy samples were machined with required dimensions for further study.

### 2.2: Metallography Characterisation and Electrical conductivity measurement:

For metallography analysis the samples were cut, hot mount and mirror polishing (0.5 μm) by LECO machines. For conductivity in % IACS the samples were machined with diameter 40 mm and thickness

8-10 mm and conductivity was calculated by Technofour conductivity meter, Type 979, which works on the principle of eddy currents.

### 2.3: Thermal Conductivity:

The Searle's apparatus to measure the thermal conductivity of a solid is shown in Figure 1. The alloy is taken in the form of a cylindrical rod AB (Diameter 1.8 cm and length 18 cm). One end A of the rod is kept at a temperature of 2-4°C by passing water from a tube with constant flow rate. Another tube is fitted at the

other end B of the rod. The flow of water is adjusted using pinch cork such that water comes drop by drop from the exit side. Water enters the tube at end A away from the chilled water source and it leaves at the end B. Thermometers T3 and T4 are provided to measure the temperatures of the outgoing and incoming water. The whole apparatus is covered properly with layers of an insulating material like wood and glass wool, so as to prevent any loss of heat from the sides. The end A of the alloy rod is kept at temperature of 100°C and 5 calibrated thermocouples were inserted at various places in the rod at equidistance to measure the heat loss from end A to end B. The temperatures of all the thermocouples raise initially and ultimately become constant when the steady state is reached. The readings θ1, θ2, θ3 and θ4 are noted in steady state.

The whole procedure is repeated for all the other AlCe alloys with different Ce% to observe the effect of various Ce% on the thermal conductivity.



Figure 1: the experimental set up for Thermal Conductivity by Searle's method

### Formula Used:

The coefficient of Thermal Conductivity K for a material is given by

$$K = \frac{md(\theta_3 - \theta_4)}{A(\theta_1 - \theta_2)} \text{ cal/gm./}^\circ\text{C/sec} \quad (1)$$

Where A = Area of cross section of the rod ( $\pi r^2$  where r is the radius of the copper rod (D/2)

θ1 & θ2 = Steady temperatures at the two fixed point of the rod in steady state.

d = Distance between two thermometer T1 and T2

m = Mass of water collected per second

θ3 & θ4 = Steady temperatures of water at exit and at entrance respectively.

## 3. Results and Discussions:

### 3.1: Metallography analysis:

The initial study of the AlCe system is done by phase diagram by Thermo-Calc, Figure 2 [7]. It has a eutectic composition at about 10 wt% Ce with a eutectic temperature of 640°C. Hypo- and hyper-eutectic alloys contain the intermetallic compound Al11Ce3. The evaluation of the castability, microstructure, mechanical

and physical properties of Al-12Ce, Al-12Ce-0.4 Mg, and Al-12Ce-4Si-0.4 Mg alloys were done by Sims et al [8].

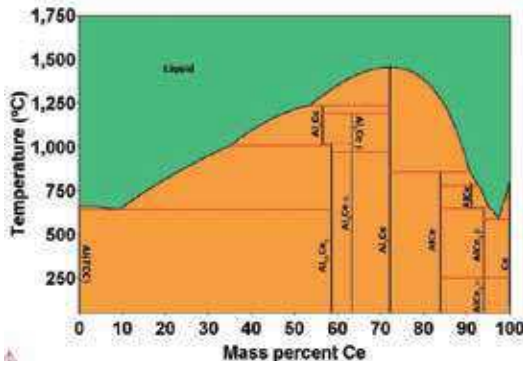


Figure 2: Thermo-Calc calculated Al-Ce phase diagram.

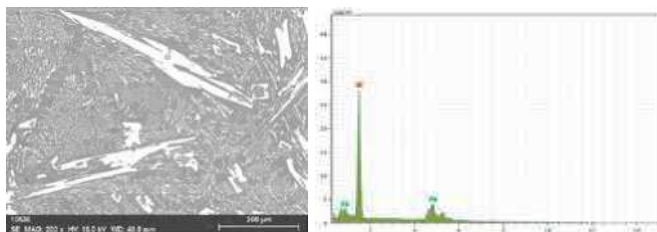


Figure 3: SEM EDS analysis of AlCe8% alloy displaying the presence of large crystals of intermetallic compound  $Al_{11}Ce_3$ . (Normal mass % of Al: 52.44 and Ce: 47.56)

AlCe alloy (Ce%)	10X magnification	20X magnification	Avg. Grain Size ( $\mu m$ )
8.63			Phase size= 9-183 $\mu m$
4.91			Cluster of smaller grains of size 71-95 $\mu m$ forming bigger grains of size 290 $\mu m$
2.80			115 $\mu m$
1.92			77 $\mu m$

Figure 4: SEM micrographs of AlCe alloys of 8%, 4%, 2% and 1% at 10 and 20X magnification

Among the various AlCe alloys containing 8%, 4%, 2% and 1% Ce, the first belong to the hypoeutectic group and remaining three alloys to the hypereutectic group. AlCe8% displays the presence of large crystals of intermetallic compound  $Al_{11}Ce_3$  [5]. The presence of

$Al_{11}Ce_3$  is confirmed by EDS analysis as per Figure 3.

The SEM micrographs of AlCe alloys of different Ce% are shown in the following Figure 4 at 10X and 20X magnifications. By contrast, a very fine interconnected eutectic microstructure is apparent for the hypoeutectic Al-4%, AlCe 2% and AlCe 1% alloy.

From the above Figure 4 it shows that with lowering the Ce% from 8% to 1% there is decrease in the grain size of alloy. AlCe8% alloy shows the presence of large intermetallic and no grain formation. AlCe4% alloy has the grain size of 290  $\mu m$  whereas for AlCe2% and AlCe1% it is of 115  $\mu m$  and 77  $\mu m$  respectively. The efficiency of Ce has been established for the Al- 20Si alloy, where 0.3, 0.5, 0.8 and 1.0 wt% Ce led to a substantial refinement of primary Si crystals through morphology alteration from coarse polygonal and star like forms to fine blocky forms with smooth edges and corners [6, 9].

### 3.2: Electrical conductivity:

The benefits of Ce additions to improve tensile strength and elongation of aluminum at room temperature were carried out by earlier researcher by adding up to 0.1 wt% Cerium [10]. The negligible cerium additions used in widely held of experiments are below 1 wt%; only in nearly cases they reach 2 wt%.

According to the various researchers, Ce additions advance electrical conductivity of Al alloys due to a decrease of Fe and Si in the  $\alpha$ -Al solution. The solvent content reduction is accredited to the development of binary, ternary or quaternary complexes of Ce, Si, Fe and Al [11, 12, 13]. It is believed that Ce increases the lattice static distortion of Al alloy solution and enlarges the average electrical free path. As a result, Ce-influenced alteration of electron energy band structure may exaggerate the operational number of electrons that participate in conduction [14]. Consequently, electrical conductors are produced from Al-based alloys with additions of 0.55 to 1.2 wt% Fe and 0.2 to 1.5 wt% Ce [15].

In this experiment the electrical conductivity was measured in terms of % IACS for all the four alloys of AlCe as mentioned above. The variation in the %IACS was observed and noted in Figure 5.

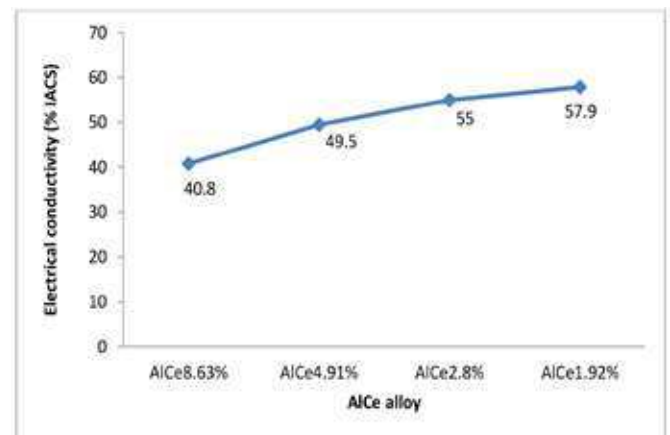


Figure 5: % IACS for AlCe alloys for various Ce%

From the above table it was observed that with decreasing the Ce% from 8% to 1% the electrical conductivity has increased. For AlCe8% alloy it is 40.8 %IACS and for AlCe1% it is 57.9 %IACS. This increase in the conductivity with decreasing Ce% is in correlation with the microstructural changes as observed in the Figure 4 and alteration of electron energy band structure.

The alloying elements having comparable electronic structure to that of aluminum can be least detrimental to conductivity. The rare earth elements, such as Ce have comparable electronic arrangement, in the solution in an aluminum matrix; yield a very low distinction change in the resistivity of aluminum this gives the greatest bonding with the largest free energy [16, 17].

**3.3: Thermal Conductivity:**

The thermal conductivity was determined by Searle’s method as mentioned in the experimental section in terms of Cal/gm/°C/sec. Earlier studies on binary Al-Ce alloys demonstrate enhanced thermal strength at high temperatures for various claims. Therefore, the main objective of the current work is to comprehend the effect of alloying elements and correlate the microstructure-electrical conductivity-thermal stability of Al-Ce. In this experiment the thermal conductivity was determined from 4°C to 100°C.

Earlier work done by Dheeraj Kumar Saini and et al [18] studied the effect of thermal stability of AlCe12% alloy in various Al-Si-Mg alloy with and without Strontium addition at 200 – 400°C. The Al11Ce3 intermetallic phase, provides the strength and thermal stability to the alloy, has a microstructure that comprises at least one of the lath structures and rod morphological structures [6]. Elements in the solution are least harmful to conductivity if they have comparable electronic structure to that of aluminum. The rare earth elements, such as Ce have comparable electronic arrangement, in the solution in an Al matrix, produce a very little differential alteration in the resistivity of Al this gives the best bonding with the major free energy [17]. Work has been done by many researchers on effect of Ce addition in AlSiCu alloy, but here the work is presented on the effect of various % addition of Ce in EC grade Al (99.7% purity). According to M Song [4, 3], Ce improved the thermal stability of the Al-Cu-Mg-Ag alloy by reducing the diffusion velocity of Cu atoms and growing the energy barrier of the coagulating ledge nucleation thus improving the strength of the alloy at both room and raised temperatures. In this work, initially the thermal conductivity was calculated for pure Al to prove the correctness of the assembly done and it came out to be 0.516736 Cal/gm/°C/sec which was matching with the theoretical one. After this the same experiment was carried out for AlCe alloys with various Ce%. The value of thermal conductivity is as shown in Table 2.

**Table 2: Thermal conductivity in cal /cm sec. K for AlCe alloy with difference Ce%**

Al alloy	Δm (ml)	Δt(s)	ΔT water	ΔT Bar	Coefficient of thermal conductivity (Cal/gm/°C/sec)
Pure Al	59	193	17	61.3	0.516736
AlCe 8.63%	60	191	13	57	0.44514
AlCe 4.91%	60	193	14	58	0.466235
AlCe 2.80%	59	215	16	57.8	0.483921
AlCe 1.92%	61	206	15	52	0.480331

The thermal conductivity was found to be in the increasing order with decreasing Ce%. But for AlCe2% and AlCe1% there is a very little difference in the thermal conductivity as there is only 1% difference in the Ce% which is not sufficient to quantify the thermal conductivity variance. The thermal and electrical conductivities (Figure 5) has a good correlation with respect to the Ce% which is also has the association with grain refinement of AlCe alloy with decreasing Ce%. The more fines are the grains which is making it more thermally and electrically stable system.

The thermal stability of AlCe binary alloy is connected with Al-Al<sub>11</sub>Ce<sub>3</sub> eutectic phase with melting point of 1251°C. However, the Al11Ce3 eutectic phase with lamellar morphology offers limited strengthening to the alloy [19, 20, 21]. The further improvement in the thermal conductivity of AlCe alloy can be brought about by another alloying element such as Nickel, having the diffusion coefficient in aluminum lower by about four orders of magnitude than that for Ni [21]. According to recent statements [19, 22], alloying with Ce aided holding the mechanical properties of Al alloys at higher temperatures than that seen in Ce-free Al alloy grades. After introductions to temperatures as high as 500°C for 1000 hours, Al-Ce displays widespread hardness recovery at room temperature.

**Conclusion:**

Cerium was added with increasing % into EC grade Al alloy to observe the effect on metallography, electrical and thermal conductivity. The refinement in the microstructure was observed with decreasing Ce%. The more fine grains of 77 μm were observed with AlCe1% alloy. This alloy with Ce1% was observed to have highest electrical (57.9%IACS) and AlCe2% alloy with maximum thermal conductivity (0.48 cal /cm sec. K) among other AlCe alloys. The difference in the thermal conductivity with AlCe2% alloy and AlCe1% alloy was very slight due to its comparative microstructural and corresponding electrical conductivity parameters. AlCe1% alloy and AlCe2% alloy are the future promising alloys for battery applications due to its enhanced thermal and electrical parameters for AlSi, AlSiCu, AlSiMg alloys.



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## Acknowledgments:

The authors gratefully acknowledge the Department of Physics, Dharampeth Science College (DSC), Nagpur, MH for providing the immense laboratory support in establishing the set up for Searle's Experiment in determining the Thermal Conductivity.

## Future Scope of work:

Study the electrical and thermal conductivity of Al-Ce alloys with Silicon, Magnesium and Copper addition at elevated temperature (200-500°C) with and without annealing and correlate it with its mechanical and microstructural properties.

## References:

1. Top 10 Thermally Conductive Materials - Thermtest Inc
2. R L Clarke, S. Harrison, B. J. Dougherty, S. Mohanta, J.P. Millington, "Introducing Cerium Based High Energy Redox Batteries"
3. M. Song, D. Xiao, and F. Zhang, "Effect of Ce on the thermal stability of the  $\Omega$  phase in an Al-Cu-Mg-Ag alloy," *Rare Metals*, vol. 28, no. 2, pp. 156-159, 2009
4. David Weiss, "Castability and Characteristics of High Cerium Aluminum Alloys", *Advanced Casting Technologies*, Intech Open
5. Frank Czerwinski, Hamilton, "Cerium in aluminum alloys", *Canmet MATERIALS*, Natural Resources Canada, , Canada *J Mater Science Review*
6. Stanislav Kores, Maja Vonina, Borut Kosce, Primo` Mrvar, Josef, "Effect of cerium addition on the AlSi17 casting alloy", *Medved, Materiali in tehnologije , Materials and technology* 44 (2010) 3, 137-140
7. Weiss D, Rios O, "Low density and temperature tolerant alloys for automotive applications", *March 2017 SAE International*, 2017-01-1666
8. Sims ZC, Weiss D, McCall SK, McGuire MA, Ott RT, Geer T, Rios O, Turchi PAE, "Cerium based, intermetallic-strengthened aluminum casting alloy: High-volume co-product development", *Journal of Materials*. 2016;68(7):1940-1947
9. Li Q, Xia T, Lan Y, Zhao W, Fan L, Li P, "Effect of rare earth cerium addition on the microstructure and tensile properties of hypereutectic Al-20%Si alloy", *J Alloys Compd* 562(1): (2013) 25-32
10. Barth O (1912) *Metallurgie* 8:261
11. Alkahtani S, Elgallad E, Tash M, Samuel A, Samuel F, "Effect of rare earth metals on the microstructure of Al-Si based alloys", *Materials* 9(45): (2016) 1-13
12. Li P, Wu Z, Wang Y, Gao X, Wang Z, Li Z, "Effect of cerium on mechanical performance and electrical conductivity of aluminum rod for electrical purpose", *J Rare Earths* 24(1): (2006) 355-357
13. Wilka VC, "Aluminum cerium iron electrical conductor and method for making same" *US Patent* 3 964 935, 22 June 1976
14. Liao H, Liu Y, Lu C, Wang Q, "Effect of Ce addition on castability, mechanical properties and electric conductivity of Al-0.3Si-0.2Mg alloy", *Int J Cast Met Res* 28(4): (2015)213-220
15. Wilka VC, "Aluminum cerium iron electrical conductor and method for making same", *US Patent* 3 964 935, 22 June 1976
16. Study the Effect of some Metallic Additives on the Physical Properties of the Commercial Pure Aluminum Metal E.M.Sakr, A.Nassar, N.Tawfik and M.Soliman, *Journal of American Science* 2010;6(12)
17. L. Brewer, P. Rudwan, J. Striger, R. I. Jaffe, "Phase Stability in Metals and Alloys", *McGraw-Hill Book Co., N.Y.*, (1967)
18. "Effect of alloying elements on thermal stability of Aluminium-Cerium based alloys", *Research Square*, <https://doi.org/10.21203/rs.3.rs-67587/v1>
19. Frank Czerwinski, "Thermal Stability of Aluminum Alloys", *Materials* 2020, 13, 3441; doi:10.3390/ma13153441
20. Czerwinski, F. Shalchi Amirkhiz, B. "Al-Al11Ce3 eutectic transformation in aluminum-cerium binary alloys", *Metall. Mater. Trans. A* 2020, in press
21. Czerwinski, F. Cerium in aluminum alloys. *J. Mater. Sci.* 2020, 55, 24-72
22. Weiss, D. "Improved high temperature aluminum alloys containing cerium", *J. Mater. Eng. Perform.* 2019, 28, 1903-1908

## PELEE'S ALUMINUM WINE BOTTLES BLOSSOM

Pelee Island Winery expands its packaging options with a 250-mL aluminum bottle for its Lola series that mimics the grace and beauty of its glass bottle counterpart.

The 250-mL aluminum bottle is a stock package from Trivium that is direct printed in up to six colors and is topped with a silver screw cap.

With its graceful, tapered-shoulder silhouette and stunning floral artwork, a new 250-mL bottle from Pelee Island Winery for its Lola line of four wine varieties artfully brings the aesthetics of a traditional wine package to an aluminum bottle format. Introduced initially in Ontario, Canada, the bottle and brand

extension generated considerable buzz among the winery's retail and on-premise partners as well as excitement from Pelee's loyal followers when it was launched in spring 2021.

Each variety of Lola in the new aluminum bottle is variety decorated with a floral pattern that matches the label used for its 750-mL glass bottle counterpart.



**DHARAMPETH M. P. DEO MEMORIAL SCIENCE COLLEGE,  
North Ambazari Road, Near Ambazari Lake, Nagpur**

**NAAC ACCREDITED GRADE 'A' WITH CGPA 3.01 (Third Cycle)**

## **CRITERION-III**

**Research, Innovations and Extension**

# **YEAR-2**

# **2020-21**

**3.5.1**

**Number of MoUs, collaborations / linkages for Faculty exchange,  
Student exchange, internship, field trip, on-the-job training,  
research and other academic activities during the years 2020-21**

**SSR: 2023 FOR NAAC FOURTH CYCLE**



**3.5.1**

**Number of MoUs, collaborations / linkages for Faculty exchange, Student exchange, internship, field trip, on-the-job training, research and other academic activities during the years 2020-21**

**List of MOUs & Activities Conducted**

<b>Sr. No.</b>	<b>Name of the MoU / Collaboration / linkage</b>	<b>Year of Signing of MoU/ Collaboration / Linkage</b>	<b>Duration of MoU / collaboration / linkage</b>	<b>Name of Activity</b>
<b>1.</b>	1. Santaji Mahavidyalaya, Nagpur; 2. J. M. Patel College, Bhandara; 3. Dr. M. K. Umathe Arts & Commerce College, Nagpur; 4. Bar. Sheshrao Wankhede College of Arts and Commerce, Khaparkheda; 5. Mahila Mahavidyalaya, Nagpur	2020-21	3 years	National Seminar & Interactive Session
<b>2.</b>	Minex Metallurgical Co Ltd., Mumbai, Maharashtra 400069	2020-21	5 years	Nil
<b>3.</b>	Prabhat Tours & Travels	2017-18	5 years	Nil

**Prof. Pitambar Humane**

**IQAC Coordinator  
CO ORDINATOR**

**INTERNAL QUALITY ASSURANCE CELL  
DHARAMPETH, M. P. DEO MEMORIAL &  
SCIENCE COLLEGE, NAGPUR**

**Dr. Akhilesh Peshwe**

**Principal  
Principal**

**Dharampeth M.P. Deo Memorial  
Science College, Nagpur.**



**MEMORANDUM OF UNDERSTANDING / LINKAGE**

*signed between*

*Dharampeth Education Society's*  
**DHARAMPETH M. P. DEO MEMORIAL SCIENCE COLLEGE  
NAGPUR**

*Shri Santaji Shikshan Vikas Sanstha's*  
**SANTAJI MAHAVIDYALAYA, NAGPUR**

*Gondia Education Society's*  
**J. M. PATEL ARTS, COMMERCE & SCIENCE COLLEGE  
BHANDARA**

*Satimata Shikshan Sanstha's*  
**DR. M. K. UMATHE COLLEGE, NAGPUR**

*Bar. Sheshrao Wankhede 56<sup>th</sup> Birthday Foundation's*  
**BAR. SHESHRAO WANKHEDE COLLEGE OF ARTS &  
COMMERCE, KHAPARKHEDA**

*and*

*Stree Shikshan Prasarak Mandal's*  
**MAHILA MAHAVIDYALAYA, NAGPUR**

**2020**

## **COLLABORATION FOR ACADEMIC AND CO-CURRICULAR ACTIVITIES**

*Dharampeth Education Society's Dharampeth M. P. Deo Memorial Science College, Nagpur, Shri Santaji Shikshan Vikas Sanstha's Santaji Mahavidyalaya, Nagpur, Gondia Education Society's J. M. Patel Arts, Commerce & Science College, Bhandara, Satimata Shikshan Sanstha's Dr. M. K. Umathe Arts & Commerce College, Nagpur, Bar. Sheshrao Wankhede 56th Birthday Foundation's Bar. Sheshrao Wankhede College of Arts & Commerce, Khaparkheda, and Stree Shikshan Prasarak Mandal's Mahila Mahavidyalaya, Nagpur,* strongly believe that collaboration and co-operation will promote better utilization of human resources and provide each of them with enhanced opportunities to do good for the Teaching and Student community. This linkage will formally and jointly be undertaken from the academic session 2020-21 and shall be for a period of 3 Years from the signing of this document.

### **Background**

*The Five colleges are affiliated to Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur, and follow the syllabi prescribed by the University for the different UG and PG programmes conducted by them.*

Academic collaborations play an important role in the progress and development of any Institution. This is true for Higher Education Institutions also. In view of the changes taking place in the field of Higher Education, it is only natural for HEIs to collaborate with Institutions that can strengthen their academic offerings, co-curricular activities and research. It is in the spirit of academic co-operation that *Dharampeth Education Society's Dharampeth M. P. Deo Memorial Science College, Nagpur, Shri Santaji Shikshan Vikas Sanstha's Santaji Mahavidyalaya, Nagpur, Gondia Education Society's J. M. Patel Arts, Commerce & Science College, Bhandara, Satimata Shikshan Sanstha's Dr. M. K. Umathe Arts & Commerce College, Nagpur, Bar. Sheshrao Wankhede 56th Birthday Foundation's Bar. Sheshrao Wankhede College of Arts &*

**Commerce, Khaparkheda, and Stree Shikshan Prasarak Mandal's Mahila Mahavidyalaya, Nagpur** come together to ink this *memorandum of understanding*.

### **Scope**

This MoU/linkage will facilitate the following ONLINE/OFFLINE activities :

- Academic activities for the UG/PG students including Lectures and Practice Tests/Exams
- Collaboration in Co-curricular and Extra-curricular activities
- Organisation of **Training Programmes/Conferences/Seminars/Workshops** for the Faculty/Staff
- Forming a cluster with other Institution(s) for Academic ventures

### **Reporting**

It is mutually decided that the evaluation and effectiveness of the agreement will be conducted jointly under the initiative of the IQAC Co-ordinators & Principals of the Five colleges. Record of the activities will be kept individually by the IQAC/Department of each college.

### **Funding**

It is specified that this linkage is not a commitment of funds. The financial aspects, if any, of any activity will be decided jointly. Sharing of infrastructure, sharing of expertise for academics will not have any financial commitments

### **Duration**

**This MoU/linkage will initially be for a period of 3 years from the day of signing of this agreement/document. On mutual agreement, the SIX Institutions shall be free to add other Institutions in their Collaborative Venture(s).** This linkage shall remain in effect until modified or terminated by any one of the partner Institutions or all the partnering Institutions by mutual consent. The modification/termination shall be communicated to each other by the Head(s) of the Institution. *In case, the Institutions decide to terminate the MoU/Linkage before the agreed period, they shall ensure that all activities in progress are allowed to complete successfully.*

## Arbitration

In case of any dispute arising in any aspect of the academic co-operation, Principals of the ~~17~~ institutions shall jointly resolve the dispute(s) in the spirit of mutual respect and shared responsibility.

Duly signed and approved by the Principals on 1st July 2020

Dr. Akhilesh Peshwe  
Principal  
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Mob # 9422313334

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SEAL



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152, Nandanvan, NAGPUR-5





**DHARAMPETH M. P. DEO MEMORIAL SCIENCE COLLEGE, NAGPUR**  
**INTERNAL QUALITY ASSURANCE CELL (IQAC)**

**Activity Report**

**Date:**25/06/2020

**Name of Organizing Department or Committee:** Vidarbha Industries Association, Vijnan Bharti & Raman Science Centre, Nagpur In collaboration with Dharampeth M. P. Deo Memorial Science College, Nagpur, J. M. Patel Arts, Commerce & Science College, Bhandara, Dr. M. K. Umathe College, Nagpur & Bar. Sheshrao Wankhede College College of Arts and Commerce, Khaparkheda, Nagpur

**Name of the activity:** National Seminar & Interactive Session

**Suggested CRITERION point if any:** III and VI

**Date of Activity:** 21<sup>st</sup> June 2020

**Place of Activity:** Online Zoom Platform

**Name of Guest Speaker/s or Judge/s or Chief Guest/s if any:** Shri. Upendra Mardikar, Chief Security Officer, Snap Finances, USA

**Title of the Activity:** "Artificial Intelligence & Cyber Security: New insights for Innovation and start-up ventures"

**Number of Participants:** Online on Zoom (400+)

**Name of the Teacher In-charge / Convener:** Dr. Akhilesh Peshwe, Principal, Dharampeth Science College, Project NAVIN & Member, Vijnana Bharti, Dr. Prashant Agrawal, VIA Coordinator for Project NAVIN, Secretary, Vidarbha Plastic Industry Association.

**Names of other Committee Members / Staff:** Lt. Dr. Prashant Ambekar, Dharampeth Science College, Dr. Aparna Yadav, J M Patel Arts, Commerce and Science College, Bhandara, Shri. Apurba Pal, Dr. M. K. Umathe College, Nagpur, Dr. Jyoti Selukar, Bar. Sheshrao Wankhede College of Arts, Commerce. Khaperkheda, Nagpur.

**OUTCOME of the Activity with respect to mission vision of the institute and or academics:**

National Seminar and Interactive session on Artificial Intelligence and Cyber Security was very effective and beneficial for the students. The speaker highlighted new insights on effectiveness of AI and Cyber Security on various aspects. Also he presented a very different perspective on scope of growth and utilities, career options in regards of AI and cyber security. The interactive session was also very helpful for the students.

Dr. R. K. Singh, Bhabha Atomic Research Centre, Mumbai inaugurated the webinar. All esteemed management members, Principals, Staff Members and Students from all 5 colleges were present virtually.

Registration Link

<https://forms.gle/928XZBBJ47jKi3Ah8>

Zoom Meeting Link

<https://us02web.zoom.us/j/89313301941>

Meeting ID: 89313301941

Telegram group link

<https://t.me/joinchat/NbeV6FOlenPRrjSo6xjRbQ>

**Activity with newspaper coverage if any:** NIL

**Activity data save in PC of:**





**On June 21<sup>st</sup> 2020**  
from  
**10:00 am - 12 noon (IST)**

**ARTIFICIAL INTELLIGENCE & CYBER SECURITY :**  
New Insights for Innovations and startups

**IN PRESENCE OF**

**Shri. Vijay Shankar Sharma**  
Vice-Chancellor, Dharampeth M. P. Deo Memorial Science College, Nagpur

**Shri. Surwan Rathi**  
President, VIA

**Shri. Ratnakar Lanjewar**  
Vice-Chancellor, Dharampeth M. P. Deo Memorial Science College, Nagpur

**Dr. Sunil Bhat**  
Professor, VIT-ILP & Executive Member, National Society, Nagpur

**Dr. Akhlesh V. Peshwe**  
Coordinator, IQAC, Dharampeth M. P. Deo Memorial Science College, Nagpur

**Dr. Prashant Agrawal**  
Vice-Chancellor, Dharampeth M. P. Deo Memorial Science College, Nagpur

**COORDINATORS**  
INNOVATION & INCUBATION CELLS

**Lt. Dr. Prashant Ambekar**  
Dharampeth M. P. Deo Memorial Science College, Nagpur

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**Dr. Sangita Chore**  
Bar. Sheshrao War Khade College of Arts and Commerce, Dharampeth, Nagpur

**Dr. Sameer Naim**  
Dr. M. S. Umashree College, Nagpur

Register your name with this link: <https://forms.gle/928XZBBJ47K13AH8>

Event will be organised on zoom: <https://us02web.zoom.us/j/8931230>

For more details, contact: VIA 0712-2561211/2554090 | Email: [vjangpindia@gmail.com](mailto:vjangpindia@gmail.com)

*(Handwritten Signature)*  
( Lt. Dr. P. W. Ambekar )

*(Handwritten Signature)*  
Mrs. Ruma Rahul Kapre  
Name & Signature of Teacher In-charge

*(Handwritten Signature)*  
**Prof. Pitambar Humane**  
IQAC Coordinator  
**CO ORDINATOR**  
**INTERNAL QUALITY ASSURANCE CELL**  
**DHARAMPETH, M. P. DEO MEMORIAL & SCIENCE COLLEGE, NAGPUR**

*(Handwritten Signature)*  
**Dr. Akhlesh Peshwe**  
Principal  
**Principal**  
**Dharampeth M.P. Deo Memorial Science College, Nagpur.**

**DHARAMPETH M. P. DEO MEMORIAL SCIENCE COLLEGE,  
North Ambazari Road, Near Ambazari Lake, Nagpur**

**NAAC ACCREDITED GRADE 'A' WITH CGPA 3.01 (Third Cycle)**

## **CRITERION-III**

**Research, Innovations and Extension**

# **YEAR-3**

# **2019-20**

**3.5.1**

**Number of MoUs, collaborations / linkages for Faculty exchange,  
Student exchange, internship, field trip, on-the-job training,  
research and other academic activities during the years 2019-20**

**SSR: 2023 FOR NAAC FOURTH CYCLE**



**DHARAMPETH M. P. DEO MEMORIAL SCIENCE COLLEGE,**

**NAGPUR**

**3.5.1**

**Number of MoUs, collaborations / linkages for Faculty exchange, Student exchange, internship, field trip, on-the-job training, research and other academic activities during the years 2019-20**

**List of MOUs & Activities Conducted**

<b>Sr. No.</b>	<b>Name of the MoU / Collaboration / linkage</b>	<b>Year of Signing of MoU/ Collaboration / Linkage</b>	<b>Duration of MoU / collaboration / linkage</b>	<b>Name of Activity</b>
1.	Prabhat Tours & Travels	2017-18	5 years	Botanical Excursion
2.	Quick Heal Foundation	2019-20	1 year	Cyber Security Awareness
3.	Maharashtra Centre for Entrepreneurship Development, Nagpur	2019-20	1 year	1. Entrepreneurship development programme of "E-SEVA"

**Prof. Pitambar Humane**

**IQAC Coordinator**

**CO ORDINATOR**

**INTERNAL QUALITY ASSURANCE CELL  
DHARAMPETH, M. P. DEO MEMORIAL &  
SCIENCE COLLEGE, NAGPUR**

**Dr. Akhilesh Peshwe**

**Principal**

**Principal**

**Dharampeth M.P. Deo Memorial  
Science College, Nagpur.**



PROP. MANOHAR INKANE

# Prabhat TRAVELS

**Office :** Near Morris College Ground, Opp. Yeshwant Stadium, Chhoti Dhantoli, Nagpur - 440 012 ☎ : 2443323 / 2425580  
**Resi.:** Inkane's House, "Prabhat", N-48, Reshimbagh, NAGPUR - 440 009, ☎ : 2742097 Fax No. : 0712 - 2425580, Mobile : 9423102381, 9373115738 / 9373101200

Ref. No. : \_\_\_\_\_

## TO WHOMSOEVER IT MAY CONCERN


Date : \_\_\_\_\_

This is to certify that Party No 1. i.e., Prabhat Travels, Nagpur and Party No. 2 i.e. Department of Botany, Dharampeth M. P. Deo Memorial Science College, Nagpur have a functioning linkage on 1<sup>st</sup> June, 2017 for FIVE years, i.e., till 31<sup>st</sup> May, 2022. Under the linkage both the parties have agreed to conduct the Botanical Excursions. The following support / facilities on reasonable rate will be provided by Party No. 1 during botanical excursions to the students:

1. Travel support
2. Hospitality


### Signatories:

#### **Witness No 1:**

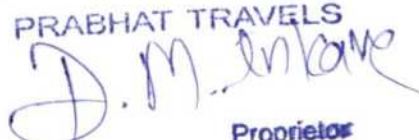
  
A. P. J. Humane

#### **Witness No 2:**

#### **Party No 1:**



  
Principal  
Dharampeth M.P. Deo Memorial  
Science College, Nagpur.

#### **Party No 2:**

PRABHAT TRAVELS  
  
Proprietor



**Criteria: III**

1)	Name of the Department	:	BOTANY
2)	Name of the Activity	:	Botanical Excursion
3)	Date	:	02.10.2019
4)	Class	:	B. Sc. Sem.-I, III & V
5)	Teacher In charge	:	Dr. Pitambar Humane
6)	Name of Resource Person	:	Dr. Pitambar Humane
7)	Topic	:	Field Visit to observe flora in its natural habitat
8)	Venue	:	Pench & Kunvara Bhivsen
9)	Number of students participated	:	149
10)	DVV Format	:	List of students is Attached
11)	Outcome	:	The Students were aware about the various types of flora in natural habitat. This also introduces the curiosity among the students about the different aspects of the subject as well as help in awareness about the conservation and sustainable use of the environment and natural resources.
12)	Photos	:	
			

Dr. R. B. Lanjewar

COORDINATOR

Name & Signature of Teacher In-Charge

Dr. Akhilesh Peshwe

Principal  
Principal

**DHARAMPETH M. P. DEO MEMORIAL SCIENCE COLLEGE, NAGPUR**  
**DEPARTMENT OF BOTANY**

**BOTANICAL EXCURSION TO PENCH & KUNVARA BHIVSEN ON 2<sup>nd</sup> OCTOBER, 2019**

**LIST OF STAFF**

**Dr. P. T. Humane, HOD**

Mr. Anup Gadkari, Lab. Attendant

Shri. Kamlesh Buchunde, Lab. Attendant

Dr. Chandrakumar Patle

Dr. Ms. Rupali Deshpande

Mr. Amol Pimpalshende

**LIST OF STUDENTS (B. Sc. Part-I, Sem.-I)**

<b>Sr. No.</b>	<b>Name of students</b>
1.	Aachal Dilip Maskare
2.	Aanchal Aalok Yadav
3.	Bhavana Subhash Singh
4.	Dimpal Manoj Sangtani
5.	Ektha Digambar Fatke
6.	Harleen Sudhir Naik
7.	Himanshu Balkrushna Thakre
8.	Kajal krushna Kharat
9.	Ketki R. Pathade
10.	Mayuri Akhiya Shetty
11.	Mukul Sanjay Atram
12.	Neha Ravikumar Yadav
13.	Nidhi Deepak Hiranwar
14.	Oshin Subhash Solanke
15.	Prachi Dilesh Pardhi
16.	Prachi Gokul Kakde
17.	Prachi Manohar Itankar
18.	Prajakta Diwakar Mahure
19.	Prakarsha Omprakash Khadse
20.	Pranjal Hiralal Karwade
21.	Pranjal P. Thombare
22.	Prasad P. Gautre

23.	Preet Nandkishor Rajankar
24.	Priyanka Dhananjay Rahangdale
25.	Ritiksha Vijay Meshram
26.	Ritushree Gopesh Natua
27.	Rupal Arjun Shende
28.	Sahiba Kuldeep Paraskar
29.	Sakshi Kawadu Uikey
30.	Samiksh Jagdishrao Malode
31.	Samiksha Diliprao Pethe
32.	Samiksha Sudhir Wankhede
33.	Sejal Sunil Bawangade
34.	Shejal Shankar Chawde
35.	Shraddha Shridhar Dere
36.	Shruti B. Pawar
37.	Shubham Moti Pathare
38.	Shubhangi Mitram Pardhi
39.	Snehal Yadaora Jibhakate
40.	Srushti Suresh Shedmake
41.	Swejal Chandrashekhar Dhole
42.	Tekchand Sunil Raut
43.	Yash R. Sontakke
44.	Yash Sadanand Giri

**LIST OF STUDENTS (B. Sc. Part-II, Sem.-III)**

<b>Sr. No.</b>	<b>Name of students</b>
45.	Aachal A. Gautre
46.	Aakansha B. Falke
47.	Aakansha D. Rangari
48.	Akhilesh P. Deshpande
49.	Anushri Aniruddha Sangit
50.	Avinash S. Ghotkar
51.	Deepali R. Zade
52.	Devyani Shubhash Zodape
53.	Jagruti Anand Aychit
54.	Jayshree R. Dhadel
55.	Jyotsna K. Paraskar
56.	Kalyani Nitin Pashine
57.	Kanchan G. Ramdham
58.	Kiran S. Bhagat
59.	Komal Mahendra Goswami
60.	Krunal G. Ambedare
61.	Mayuri R. Dahake
62.	Mohini Ramesh jadhav
63.	Nafisa Firoz Sheikh
64.	Neha D. Chaudhary
65.	Neha R. Nakade
66.	Payal s. Zalke
67.	Piyush A. Dehare
68.	Pradnya R. Ramteke
69.	Prajakta H. Khandagale
70.	Prajjwal S. Khobragade
71.	Pratibha H. waghmare
72.	Pratiksha Sanjay Kaware

73.	Priyanshi D. Pardhi
74.	Pushpak R. Punjar
75.	Rajat Anil Mohod
76.	Rohini Rajesh Ingle
77.	Sadhana N. Tumdam
78.	Sakshi Mangaldas Surpam
79.	Sanket G. Chachane
80.	Saurabha A. Sirse
81.	Savita Bajrang Khandate
82.	Sejal D. Kamble
83.	Shahin T. Shiekh
84.	Shantanu A. Gomase
85.	Sheetal Y. Rawte
86.	Shruti R. Ikhar
87.	Shubhashree Mangesh Joshi
88.	Shweta Mohan Thete
89.	Simran D. Chaudhary
90.	Sonal N. Ingle
91.	Swati K. Daf
92.	Swejal S. Tambe
93.	Tanuja Bhaurao Khedekar
94.	Tejswini d Bhoyar
95.	Tinkle S. Patle
96.	Vaibhav N. Ukey
97.	Vaishnvi D. Borkuntawar
98.	Yash Narendra Mire
99.	Yash Rambhau Wagh

**LIST OF STUDENTS (B. Sc. Part-III, Sem.-V)**

<b>Sr. No.</b>	<b>Name of students</b>		
100.	Aakansha A. Deshmukh	126.	Priyanka W. Chourasiya
101.	Aishwarya S. Tejekar	127.	Rashmi Anil Tambekar
102.	Aman R. Dubey	128.	Renuka S. Deshmukh
103.	Ankita V. Akulwar	129.	Reshma S. Raut
104.	Anuja D. Malokar	130.	Ritik R. Gajbhiye
105.	Ashish S. Borkar	131.	Ruchita D. Lute
106.	Bhavna S. Kale	132.	Sachin S. Naidu
107.	Darshan B. Zade	133.	Sahil P. Timande
108.	Darshna D. Chafekar	134.	Samiksha A. Mankar
109.	Diksha A. Bhoyar	135.	Samiksha S. Maske
110.	Harsha V. Yelure	136.	Sandeep K. Hapka
111.	Himanshi R. Thakre	137.	Sandeep R. Chavhan
112.	Khushal B. Landge	138.	Sayali Rathod
113.	Khushboo D. Warthe	139.	Shital Faglal Bopche
114.	Neha A. Choure	140.	Shraddha G. Raut
115.	Nikita D. Kamble	141.	Shraddha S. Hurpate
116.	Nikita V. Barve	142.	Shraddha S. Surkar
117.	Nikita V. Yelure	143.	Shruti A. Pohokar
118.	Omshiv Suresh Jadhav	144.	Shrutika V. Nighot
119.	Parth N. Khandait	145.	Shweta G. Wanjari
120.	Pooja A. Singh	146.	Sumedh N. Sukhdeve
121.	Poonam G. Lilhare	147.	Supriya P. Ramteke
122.	Prachi A. Chilke	148.	Tanuja Gulabrao Lamture
123.	Pranay D. Khedkar	149.	Tejal S. Raut
124.	Priya M. Khadakkar	150.	Vaibhavi S. Tichkule
125.	Priyanka H. Mishra	151.	Yashika S. Pal

**Dr. P. T. Humane**

Head

Dept. of Botany



**MEMORANDUM OF UNDERSTANDING**

This Memorandum of Understanding ("MOU") is made on the 1<sup>st</sup> day of May 2019 at Pune

by and between

Quick Heal Foundation, registered under Bombay Public Trusts Act 1950 and obtained a registration under section 21 of the said Act, having its registered office 603 Mayfair Tower II, Wakdewadi, Shivaji Nagar Pune 411005, (hereinafter referred to as "**First Party /QHF**" which expression shall, unless it be repugnant to the subject or context thereof, include its successors and permitted assigns) acting through its authorized representative Mr. Ajay Shirke, the Authorized Signatory, of QHF.

AND

Dharampeth M. P. Deo Memorial Science College, having its registered office at Near Ambazari Lake, North Ambazari Road, Nagpur – 440033 (hereinafter referred to as "**Second Party / DSC\_Nagpur**" which expression shall, unless it be repugnant to the subject or context thereof, include its successors and permitted assigns) acting through its authorized representative Dr. Akhilesh Peshwe the Principal of Dharampeth M. P. Deo Memorial Science College.

QHF and / DSC\_Nagpur are hereinafter individually referred to as "**Party**" and collectively as "**Parties**".

**WHEREAS,**

- A. QHF is a non-profit, non-religious, non-political organization involved in social work with one of its key area creating cyber awareness among school children and college students by conducting seminars and workshops free of cost.
- B. DSC\_Nagpur is affiliated to Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur;
- C. DSC\_Nagpur is recognized for its work, inter alia, in the development of human values in the past many years. The detailed objectives which CALC proposes to achieve are set out in Schedule I of this MoU ("hereinafter referred to as "Project").

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Contact Person: **Mr. Ajay Shirke**  
Mobile: +91 7028012479 | Email: ajay.shirke@quickhealfoundation.org

- D. For the purpose of implementing the Project, first party has submitted a Project Proposal dated 1st April 2019 to second party under the scheme/Project CALC to the tune of Rs. (Not applicable) As per schedule III as a grant which shall be utilized by second party for meeting the Project Cost (more particularly set out in Schedule III).
- E. Therefore, to further the objectives of the Project under CALC, QHF has agreed to provide upto a sum of Rs. (Not applicable) As per schedule III as grant ("Grant Amount"). The Grant Amount shall be provided to Second Party only after successfully and satisfactory implementation of the Project;

NOW THEREFORE, THESE PRESENTS WITNESSES AS FOLLOWS:

#### I. DEFINITIONS

1.1 In this MoU, unless the context otherwise so requires, the following expressions shall have the meanings as set out against each of it, v.i.z.:

- (i) "**Authority**" shall mean and include any applicable legislative body, regulatory or administrative authority, agency or commission, or any court, board, bureau, instrumentality, tribunal, or judicial or quasi-judicial or arbitral body having authority of law;
- (ii) "**Business Day**" shall mean a day on which the office of the First Party as described in this MoU, or such other office as may be notified by the First Party to the Second Party, is open for normal business transactions;
- (iii) "**Constitutional Documents**" shall mean the registration documents of Second Party filed at the time of its registration and any amendments thereto;
- (iv) "**Facility Agreements/Documents**" shall collectively mean and include this MoU, CSR Guidelines, Project Proposal, Proposal Documents, Project Approval, Board Resolutions issued by the First Party in respect of Grant Amount to the Second Party and all or any other MoUs, instruments, undertakings, deeds, writings and other documents executed or entered into, or to be executed or entered into by the Second Party and/or any other person (whether financing, security or otherwise) in relation to or pertaining to the transactions contemplated by or under this MoU and/or the other Facility Agreements, as amended from time to time;
- (v) "**Grant Amount**" shall mean an amount of a sum up to Rs. As per schedule III, which the First Party had agreed to provide to the Second Party for the implementation of the Project;
- (vi) "**Project Monitor**" shall mean an authorized person appointed from time to time by the First Party from time to time at its sole discretion for the purpose of monitoring and inspection of the implementation of the Project under this MoU;
- (vii) "**Law**" shall mean and include any statute, law, treaties, rule, regulation, ordinance, guideline, notification or any requirement, restriction, authorization, order, directive, permit, judgment, decree having the force of law and shall include any re-enactment, substitution or amendment thereof that is applicable to any transactions contemplated herein and/or to any other Facility Agreement, and/or to any of the respective Parties

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to this MoU and/or any Facility Agreements. The term 'Law' shall not include the Governing Law;

- (viii) **"Material Adverse Effect"** shall mean the effect or consequence of any event or circumstance which, is or is likely to be detrimental to or to adversely affect the ability of either Party to perform or comply with any of their respective obligations under this MoU;
- (ix) **"Project Approval"** shall mean the approval granted in response to the Project Proposal mentioning *inter-alia* the amount.;
- (x) **"Project Documents"** shall mean all the manuals, records, registers and all other documents maintained by the Second Party exclusively in relation to the implementation and progress of the Project;
- (xi) **"Project Monitoring Report"** shall mean the report containing the monitoring and status of implementation of the Project on various parameters as per terms of this MoU including but not limited to the provisioning of travel, boarding and lodging to the student/participant by the Second Party, training provided to the student/participant, provisioning of internship opportunities to the student/participant during the course of training with or without basic stipend;
- (xii) **"Project Proposal"** shall mean the proposal submitted by the Second Party for the Grant Amount required for implementing the Project, mentioning *inter-alia* the project cost, benefits from the Project etc., the copy of the same is annexed herewith as Schedule V;
- (xiii) **"Schedule(s)"** means the Schedule(s) to this MoU and which forms an integral part of this MoU;
- (xiv) **"Taxes"** shall mean and include all present and future taxes, levies, imposts, duties or charges of a similar nature whatsoever imposed or exempted by any Authority;
- (xv) **"Term"** shall have the meaning ascribed to it under Article V;
- (xvi) **"Certificate"** shall mean the certificate to be submitted by the Second Party at the end of every quarter on the progress/update on the Project.

## II. GENERAL TERMS

- 2.1 (i) The First Party hereby agrees to release the Grant Amount up to a sum of Rs. (Not applicable) As per schedule III on successfully and satisfactory completion of the Project.;
- (ii) The Second Party further agrees to perform the Project as per the Project Proposal and shall comply with the said guidelines and amendments thereto, if any;
- (iii) The Second Party shall select students/participants in the Project in accordance with the student/participant eligibility criteria as detailed in Schedule II. It is however clarified that such selection of students/participants shall be as per Second Party's requirements and at its sole discretion thereto.
- (iv) The disbursements of the Grant Amount shall be made by the First Party as per the disbursement schedule provided in Schedule III of this MoU;

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- (v) The disbursements shall be credited by the First Party into a separate/ designated bank account of the Second Party for grants disbursed under this MoU. All the related collection/remittance/other charges in relation to obtaining the Grant Amount will be borne by the Second Party;
- (vi) The First Party, in its own discretion, may reduce the Grant Amount, for each student/participant that withdraws from the Project and is not replaced by the Second Party, by average participant cost as detailed in Schedule III for the period that a place was unfilled. The First Party shall however be obliged to reimburse all amounts incurred by the Second Party in respect of such withdrawn (and not replaced) student. In addition, any excess amounts incurred by the Second Party in relation to the training for the incumbent student shall also be reimbursed by the First Party;
- (vii) The Second Party shall be severally liable to comply and fulfill all its obligations under this MoU;
- (viii) If the Second Party fails, omits or neglects to observe or perform or commits or allows to be committed a breach of any of the terms, conditions, provisions or stipulations of this MoU or in connection with any other Facility Agreements on its part to be observed and performed or in case of occurrence of any Material Adverse Effect ("Default"), then the First Party shall give written notice to Second Party to rectify the said default within a period of 30 days, failing which the First Party shall be entitled to initiate appropriate legal proceedings including termination along with damages, interests and expenses without prejudice to any other right or remedy which the First Party may have under this MoU or otherwise in law..
- (ix) The Second Party agrees that if as a result of review by the First Party or 'Project Monitor', it is of the opinion that the Second Party has not implemented/nor is likely to implement the Project within the Project Cost as provided in Schedule III and/or in accordance with the financing plan as per the Project Proposal, the First Party shall be entitled to terminate this MoU;
- (x) Notwithstanding termination of this MoU, the Second Party's obligations shall be limited only to complete the training to the enrolled students/participants of the Project as per the Project Proposal for which the First Party shall reimburse the accrued costs as per the terms and conditions of this MoU. It is further agreed that in the event of termination of the MOU, the Second Party shall not be under any obligation to continue enrolment of any new students/participants;
- (xi) The Second Party may apply and/or obtain any loan or further grant from any third party during the term of this MoU in respect of the Purpose/Project only with the prior written approval of First Party other than what has been approved in the Project Proposal;
- (xii) The Second Party shall submit all necessary and relevant documents as per the Project Proposal to the complete satisfaction of the First Party and shall submit a certificate within one month of the completion of the training to the students enrolled under the Project.

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### III. SECOND PARTY'S REPRESENTATIONS AND WARRANTIES

3.1 Second Party hereby makes the following representations, warranties and confirmations; and state that the same are true, correct, valid and subsisting in every respect as on the date of this MoU and shall remain true, correct, valid and subsisting in every respect as on the date of each disbursement by the First Party hereunder:-

- i) That the information given in the Project Proposal and any prior or subsequent information or explanation furnished by the Second Party to the First Party are true, bona fide and accurate in all material respects.
- ii) That the Second Party is duly incorporated and validly existing under the Laws of India and is in compliance of all applicable laws and possesses all statutory approvals and compliance for the execution of this MoU and the other Facility Agreements and for implementation of the Project.
- iii) That the Second Party does not violate any covenants, conditions and stipulations of any of its existing agreement and shall at all times abide by all the terms and conditions of this MoU and other Facility Agreement(s).
- iv) It has the necessary infrastructure and assistance of high reputes along with appropriate content, technical inputs and instruments required for implementing the Project.

### IV. COVENANTS

4.1 During the subsistence of this Project and/or the MoU, the Second Party hereby agrees to:

**(i) Promptly notify the First Party;**

- (a) of any event or circumstance which would, or is likely to, result in any of the representations and warranties made by the Second Party hereunder becoming untrue, incorrect or misleading in any manner;
- (b) of any circumstance or event which would, or is likely to interfere in/prevent/delay the proper implementation of the Project, or other similar happenings likely to have a Material Adverse Effect on the Project;
- (c) of any material loss or damage which the Second Party may suffer due to any event, circumstances or act of God;

**(ii) Deliver to the First Party:**

- (a) Project Monitoring/Implementation Reports agreed upon by both parties shall be submitted by the Second Party to the First Party demonstrating the status of the Project every quarter on the Second Party letter head; any other document as may be reasonably required by the First Party to implement the Project as per the terms of this MoU.

### V. TERM AND TERMINATION

5.1 This MoU shall be effective from 1-April-19 ("Effective Date") and shall continue to be in effect for a period of 12 months till 31-March-20 or completion of the Project whichever is earlier ("Term"). However, upon expiry of the Term, the Parties may renew this Agreement for further period on mutually agreed terms and conditions.

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5.2 The First Party may terminate or suspend this MoU, upon Fifteen (15) days written notice to the Second Party, in whole or in part for any material breach committed by the Second Party or upon happening of an event of Default under this MoU. Provided, that any portion of this MoU that is not terminated or suspended shall remain in force and effect.

#### **VI. ASSIGNMENT**

6.1 The Second Party shall not be entitled to assign any of its rights, benefits or obligations under this MoU and/or any other Facility Agreements without written consent of the First Party; 6.2 Save as aforesaid, this MoU shall be binding upon and shall ensure for the benefit of the First Party and its successors in title and assigns and the Second Party and its successors in title.

#### **VII. GENERAL**

7.1 Any notice by one Party to the other Party shall be in writing and posted, delivered personally with proper acknowledgment or sent by courier, registered or certified mail or facsimile transmission to the Second Party's last known address and/or the address as specified hereto.

##### **First Party: QUICK HEAL FOUNDATION**

Registered office: Quick Heal Technologies Pvt. Ltd.,  
Office No. 603 , Mayfair Tower 2, Wakdewadi Shivaji Nagar Pune - 411 004  
Kind Attn.: Mr. Ajay Shirke  
Fax & E-mail: ajay.shirke@quickhealfoundation.org

##### **Second Party: Dharampeth M. P. Deo Memorial Science College**

Registered Address: Near Ambazari Lake, North Ambazari Road, Nagpur - 440033  
Kind Attn.: Dr. Akhilesh Peshwe  
Phone no. & E-mail: 9422313334 / akhileshpeshwe@yahoo.com

##### **Single Point of contact (SPOC) Person: Dr. Mrs. Varsha Rangari**

Phone no. & E-mail: 9890364522 / rangarivarsha1@gmail.com

7.2 Time shall be the essence of this MoU in so far as it relates to the observance or performance by the Second Party of all or any of its obligations hereunder.

7.3 This MoU represents the entire MoU in respect of the Grant Amount between the parties and shall be capable of variation in writing by a note of amendment ("**Note of Amendment**") signed by an authorized representative on behalf of the First Party and the Second Party.

7.4 This MoU shall be governed and interpreted by and construed in accordance with the laws of India. The parties hereto agree that the courts at Pune will have exclusive jurisdiction over the disputes arising out of this MoU.

7.5 The Parties understand and agree that in the course of Project execution under this MoU, it may have access to the documents which is confidential in nature. The Parties and its representative/employees shall be bound by the confidentiality obligations.

7.6 Parties acknowledges and agrees that either Party shall be the sole and exclusive owner of all its own work product and all patents, inventions, copyrights, trademarks, trade secrets,

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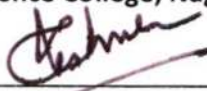




computer software code, confidential information and other intellectual property or proprietary rights as may exist before the execution of this MoU.

#### 7.7 Dispute Resolution

- a) Any claims, dispute and or difference (including a dispute regarding the existence, validity or termination of this MoU) arising out of or relating to this MoU including interpretation of its terms will be resolved through joint discussions of the Authorized Representatives of the Parties.
- b) If any such claim, dispute or difference cannot be resolved through such joint discussions within 30 (thirty) days of the date of the notice of such dispute, then the matter will be referred for adjudication to the arbitration by nominating one Arbitrator mutually by Parties, and finally resolved by arbitration in Pune, India.
- c) Arbitration proceedings shall be conducted in accordance with the provisions of the Arbitration and Conciliation Act, 1996 for the time being in force which provisions are deemed to be incorporated by reference into this clause.
- d) The language of the arbitration shall be English. The award shall be final and binding on Parties.
- e) Where reference to the courts is necessary, the Parties hereby submit to the exclusive jurisdiction of the courts at Pune, India.

IN WITNESS THEREOF THE PARTIES IN THEIR FREE VOLITION AND FULL UNDERSTANDING WITH THE INTENT TO LEGALLY BIND THEMSELVES TO THIS MOU EXECUTE THIS MOU THROUGH THEIR DULY AUTHORIZED PERSONNEL'S

<p>SIGNED SEALED AND DELIVERED For "QUICK HEAL FOUNDATION"</p> <p></p> <p>Name: Mr. Ajay Shirke Designation: Sr. Manager, CSR</p>	<p>SIGNED SEALED AND DELIVERED For "Dharampeth M. P. Deo Memorial Science College, Nagpur"</p> <p></p> <p>Name: Dr. Akhilesh Peshwe Designation: Principal</p>
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<p>Witness</p> <p></p> <p>Name: Sugandha Dani Designation: Executive, CSR</p>	<p>Witness</p> <p></p> <p>Name: B.V. Deshpande Designation: Lecturer</p>
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## SCHEDULE I

### ACTIVITIES CONDUCTED

1. Online course on "Cyber Security Awareness"

Objective:

to create cyber security awareness among youths by teaching them netiquettes and prevent them from getting victimized from cyber criminals not indulged in any activity which leads to cyber crime

2. Earn & Learn Scheme:

Objective:

To appoint IT students as volunteers and groom them by giving required training of personality development which includes public speaking skills, confidence building, presentation skills and team building and spread cyber security awareness among school children through them. Stipend to be paid for it along with intern certificate on successful completion of the activity.

3. Faculty Development Program

Objective:

To develop professional "C, C++" Programmers required by IT security industry by training computer science faculties as per the IT industry norms free of cost. The faculties will train the students as per industry standards and make them job ready which will increase employment in turn reduce in-house training time of industry.

4. Web Portal (Regular / Impact Partner)

Objective:

To use & contribute to web portal contents on "C Language" to enhance skills of computer science students required to serve in IT security industry.

## SCHEDULE II

### ELIGIBILITY CRITERIA FOR STUDENTS / PARTICIPANTS IN THE PROJECT

a. ELIGIBLE STUDENTS/PARTICIPANTS:

- a. For Online Exam: Eligible student should be student of BCA, B.Sc.(CS/IT), MCA or M.Sc.(CS/IT), BE Full-time course
- b. For Earn & Learn Scheme: Eligible student should be student of BCA, B.Sc.(CS/IT), MCA or M.Sc.(CS/IT), BE Full-time course

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- c. For FDP: Eligible faculty should be teaching C, C++ in current / previous academic year.
  - d. For Web Portal: All computer Science students
- b. Web Portal Impact Partners
- a. Should provide infrastructure to Quick Heal trainer to conduct training of students (5 Hrs)
  - b. Continuously monitor the parameters and update Quick Heal Foundation on the same as and when required.

### SCHEDULE III

#### PROJECT COST & DISBURSEMENT SCHEDULE

1. Rs. 500/- Stipend per presentation for student volunteer working under Earn & Learn scheme and successfully completed 5 presentations where each presentation has at least 200 participants.
2. Rs. 200/- per presentation for faculty / college to take ownership of monitoring conduction of successful presentations by students and reporting in prescribed format to QHF.
3. Disbursement of payment will be done only after receipt of required documents.
4. Presentations must be done with Quick Heal Foundation's banner.
5. Feedback forms must have signature and stamp of school authority.
6. In-charge - Faculty deputed to monitor Earn & Learn activity must monitor presentation schedule and inform it to QHF time to time

### SCHEDULE IV

#### PROJECT PROPOSAL

To form Cyber Awareness Literacy Cell (CALC) in college and to conduct following activities:

**1. Online course on "Cyber Security Awareness"**

- a. Enroll for course
- b. Download course ware & Study
- c. Appear for online test
- d. Receive e-Certificate for participation

Number of beneficiaries: students pursuing BCA, B.Sc. (CS/IT), MCA, M. Sc. (CS/IT)

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## **2. Earn & Learn Scheme:**

- a. To select volunteers.
- b. Train them to give presentations in schools.
- c. Provide volunteers with banner, presentation's soft copy and feedback form, permission letter format
- d. Provide faculty in charge with formats of reporting
- e. Volunteers collect feedback from school authority after presentation
- f. Faculty in charge submits all reports to QHF
- g. Quick Heal foundation transfers amount due to college account
- h. Stipend is paid to volunteers
- i. Signed vouchers to be submitted to QHF
- j. QHF issues internship letter to volunteers

Number of beneficiaries: Will be decided by mutual consent

## **3. Faculty Development Program**

- a. QHF trainer will train faculties to enhance skill-set as per industry requirement
- b. Faculties will train students as per guidelines of QHF trainer

## **4. Web Portal Impact Partner:**

- a. Provide required details of placement and result for last 2 years
- b. Enroll students on web portal
- c. Provide required infrastructure (As per schedule II) to QHF trainer
- d. Select students participating in training, monitor progress and report to Quick Heal Foundation
- e. Conduct competitions

## **SCHEDULE IV**

### **ACTIVITIES AGREED TO CONDUCT**

1. Online course on "Cyber Security Awareness"
2. Earn & Learn Scheme
3. Faculty Development Program
4. Web portal Impact / ordinary partner

Shree AG





**Dharampeth M. P. deo Memorial Science College,  
Nagpur  
Best Practice**

**Name of the Department:** Electronics Department

**Name of Teacher In-charge:** Prof. Mrs. Varsha Rangari

**Session of Implementation:** 2019-20

**Name of the Class for which the Best Practice was conducted:** Interested College Students

**Number of students benefitted:** 50 School students, total students 21785.

**Title of the Practice:** *"Cyber Security Awareness"*

**Objective of program:**

- To make the youth alert while working online.
- To prevent falling prey to cyber criminals
- To stop youth from getting indulged in cyber-crimes or similar activities.
- To select volunteers and train them to give presentations in schools.
- To provide them a stipend and intern certificate on successful completion of tasks.

**The Context:**

This activity started in the year 2017 in collaboration with Quick Heal Foundation, Pune. The mission of this activity is to keep the kids safe online. As kids grow up in this digital age, keeping up the latest trends and technology is part of everyday life. Parents, on the other hand, are oftentimes less savvy than their kids when it comes to cyber behaviour. And due to lack of cyber awareness many crimes are happening online and is bound to increase drastically in near future. Having sensed the potential online danger, MoU was signed with Quick Heal Foundation.

**The Practice:**

In the beginning of every academic year, MoU with Quick Heal Foundation, Pune was done. Interested college students were selected. They were trained by Quick Heal Foundation trainers. These students go to different colleges, take permission from the principal of that college and schedule their presentation. Before and after feedback from school students was taken after the presentation. Also remarks from the principal were taken. At the end of this activity stipend and intern certificate is given to volunteers.

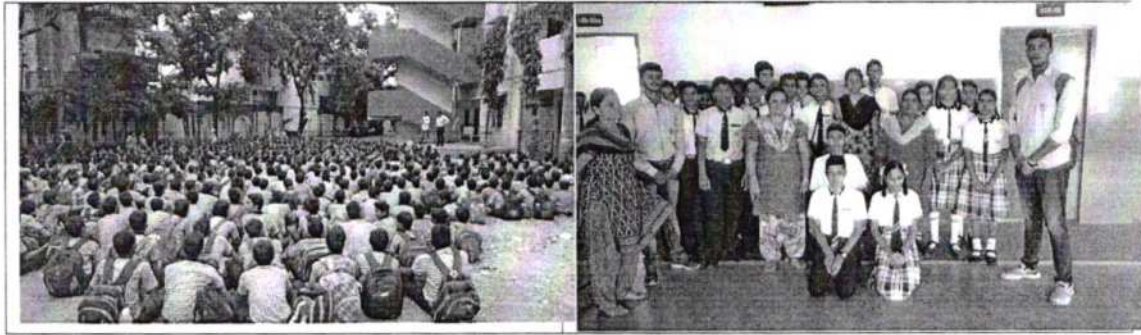
### Evidence of Success

Year	Total No. of Volunteers	No. of School targeted	Total No. of Students Beneficiaries	Total Amount earn by the Volunteers
2019-20	14	50	21785	1,25,300/-

School students learn many things like how to be secure when online. From this activity student volunteers not only earn money or certificates but also enhance their personality and confidence level.

### Problems Encountered and Resources Required


In the first year activity, no school principals were allowing the student Volunteers for presentation. Then they were trained how to convince them. After that they were getting permission from the school which boosted up their confidence level. This is reflected in the number of schools and number of students targeted.



**Prof. Pitambar Humane**  
IQAC Coordinator

**CO ORDINATOR**  
INTERNAL QUALITY ASSURANCE CELL  
DHARAMPETH, M. P. DEO MEMORIAL &  
SCIENCE COLLEGE, NAGPUR

  
Name and Signature of Teacher In-charge

  
**Dr. Akhilesh Peshwe**  
Principal  
Principal  
Dharampeth M.P. Deo Memorial  
Science College, Nagpur.

MEMORANDUM OF UNDERSTANDING (MoU)

BETWEEN



MAHARASHTRA CENTER FOR ENTREPRENEURSHIP  
DEVELOPMENT, (MCED)  
(AN AUTONOMOUS SOCIETY WORKING UNDER DIRECTORATE  
OF INDUSTRIES, GOVERNMENT OF MAHARASHTRA)  
A-38, MIDC AREA, NEAR RAILWAY STATION, AURANGABAD

&



DHARAMPETH M.P. DEO MEMORIAL SCIENCE COLLEGE  
DIST: NAGPUR (MAHARASHTRA, INDIA)

FOR

ENTREPRENEURSHIP TRAININGS & RESEARCH

1. Original with IOAC / Dr. Lonjekar
2. Take scans send to all HODs
3. Photocopy with the committee

*Chhore*  
4/10/19

## MEMORANDUM OF UNDERSTANDING

This **Memorandum of Understanding** (hereinafter called as the 'MOU') is entered into on this the ~~4<sup>th</sup>~~ day of ~~October~~ (Name of Month) 2019, for organizing the entrepreneurship development activities by and between

**MAHARASHTRA CENTRE FOR ENTREPRENEURSHIP DEVELOPMENT, A-38, MIDC Area, Near Railway Station, Aurangabad- 431005** represented herein by its **Executive Director** (hereinafter referred as 'MCED', the institution which expression, unless excluded by or repugnant to the subject or context shall include its successors – in-office, administrators and assigns).

AND

**DHARAMPETH M.P.DEO MEMORIAL SCIENCE COLLEGE, AMBAZARI, DIST. NAGPUR** the **Second Party**, and represented herein by its **Dr. Akhilesh Peshwe** Head, Name of Competent Authority / Representative, (hereinafter referred to as "Second Party", organization which expression, unless excluded by or repugnant to the subject or context shall include its successors – in-office, administrators and assigns).

(First Party and Second Party are hereinafter jointly referred to as 'Parties' and individually as 'Party') as

### WHEREAS:

A) First Party is a Higher Educational Institution named:

**MAHARASHTRA CENTRE FOR ENTREPRENEURSHIP DEVELOPMENT**

- B) **MCED & DHARAMPETH M.P.DEO MEMORIAL SCIENCE COLLEGE, AMBAZARI, NAGPUR** 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 Entrepreneurship Based Training, Education and Research.
- D) Both Parties, being legal entities in themselves desire to sign this MOU for advancing their mutual interests.
- E) **DHARAMPETH M.P.DEO MEMORIAL SCIENCE COLLEGE, AMBAZARI NAGPUR** the Second Party is an educational institution belonging to the people, working for the people and being administered by the people.
- F) **DHARAMPETH M.P.DEO MEMORIAL SCIENCE COLLEGE, AMBAZARI NAGPUR** the Second Party is promoted by **Dharampeth Education Society Nagpur, 440033.**

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

### CLAUSE 1 CO-OPERATION

- 1.1 Both Parties are united by common interests and objectives, and they shall establish channels of communication and co-operation that will promote and advance their respective operations within the **Institution** and its related wings. The Parties shall keep each other informed of potential opportunities and shall share all information that may be relevant to secure additional opportunities for one another.

- 1.2 First Party and Second Party co-operation will facilitate effective utilization of the intellectual capabilities of the faculty of First Party providing significant inputs to them in developing entrepreneurial mindset which help student to decided entrepreneurship as a career choice keeping in mind the needs of the educational institute, the Second Party.
- 1.3 The general terms of co-operation shall be governed by this MOU. The Parties shall cooperate with each other and shall, as promptly as is reasonably practical, enter into all relevant agreements, deeds and documents (the 'Definitive Documents') as may be required to give effect to the actions contemplated in terms of this MOU. The term of Definitive Documents shall be mutually decided between the Parties. Along with the Definitive Documents, this MOU shall represent the entire understanding as to the subject matter hereof and shall supersede any prior understanding between the Parties on the subject matter hereof.

#### **CLAUSE 2 SCOPE OF THE MoU**

- 2.1 The budding graduates from the institutions could play a key role in economic development of the country through establishing enterprises. Both parties believe that close co-operation between the two would be of major benefit to the student community to enhance their skills and knowledge.
- 2.2 **Curriculum Design:** First Party will give valuable inputs to the Second Party in designing teaching / training methodology and suitably customize the curriculum so that the students fit into the current entrepreneurial scenario meaningfully.
- 2.3 **Entrepreneurship Training & Visits:** Entrepreneurship training followed by industry visits will give an insight in to the latest developments / requirements of startups / enterprise setup. The entrepreneurship training and exposure provided to students and faculty through this association will build confidence and prepare the students to have a smooth transition from academic to entrepreneurial career. The Second Party will provide its Labs & training halls for the hands-on training of the learners enrolled with the First Party.
- 2.4 **Research and Development:** Both Parties have agreed to carry out the joint research activities in the fields of **Entrepreneurship**.
- 2.5 **Entrepreneurship Development Programs:** First Party to conduct training programme for the students of Second Party on entrepreneurship development in order to disseminate the information and make students attitude to go for entrepreneurship as a career choice.
- 2.6 **Entrepreneurship Awareness Programme:** First Party to extend the necessary support to conduct entrepreneurship awareness programme to the students of the Second Party on emerging trends in entrepreneurship.
- 2.7 **Faculty Development Programs:** First Party to train the Faculties of Second Party for imparting training on entrepreneurship development.
- 2.8 **Udyojak Magazine:** Udyojak magazine is one of the tools for cultivating entrepreneurial culture in the society. Second party will help first party for

promoting **Udyojak** Magazine at large extent to serve the motto of magazine.

- 2.9 **Post Training support to Trained Students:** First Party will help actively for starting enterprise to the students of second party in terms of Business Plan Preparation, Marketing support, financial support from financial institutions, Design Support, Support for trial production, etc.
- 2.10 Both Parties to obtain all internal approvals, consents, permissions, and licenses of whatsoever nature required for offering the Programmes on the terms specified herein
- 2.11 There is no financial commitment on the part of the **MCED**, the First Party to take up any programme mentioned in the MoU. If there is any financial consideration, it will be dealt separately.

### **CLAUSE 3 INTELLECTUAL PROPERTY**

Nothing contained in this MOU shall, by express grant, implication, Estoppel or otherwise, create in either Party any right, title, interest, or license in or to the intellectual property (including but not limited to know-how, inventions, patents, copy rights and designs) of the other Party.

### **CLAUSE 4 VALIDITY**

- 4.1 This Agreement will be valid until it is expressly terminated by either Party on mutually agreed terms, during which period **MCED**, the First Party, as the case may be, will take effective steps for implementation of this MOU. Any act on the part of **DHARAMPETH M.P.DEO MEMORIAL SCIENCE COLLEGE, AMBAZARI NAGPUR** the Second Party after termination of this Agreement by way of communication, correspondence etc., shall not be construed as an extension of this MOU
- 4.2 Both Parties may terminate this MOU upon 30 calendar days' notice in writing. In the event of Termination, both parties have to discharge their obligations.

### **CLAUSE 5 RELATIONSHIP BETWEEN THE PARTIES**

- 5.1 It is expressly agreed that **MCED** and **DHARAMPETH M.P.DEO MEMORIAL SCIENCE COLLEGE, AMBAZARI NAGPUR** are acting under this MOU as independent contractors, and the relationship established under this MOU shall not be construed as a partnership. Neither Party is authorized to use the other Party's name in any way, to make any representations or create any obligation or liability, expressed or implied, on behalf of the other Party, without the prior written consent of the other Party. Neither Party shall have, nor represent itself as having, any authority under the terms of this MOU to make agreements of any kind in the name of or binding upon the other Party, to pledge the other Party's credit, or to extend credit on behalf of the other Party.



MCED,  
First Party

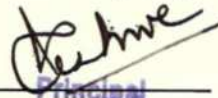
DHARAMPETH M.P. DEO MEMORIAL SCIENCE COLLEGE,  
NAGPUR  
Second Party

Any divergence or difference derived from the interpretation or application of the MoU shall be resolved by arbitration between the parties as per the Arbitration Act, 1996. The place of the arbitration shall be at District Head Quarters of the First Party. This undertaking is to be construed in accordance with Indian Law with exclusive jurisdiction in the Courts of **Aurangabad**.

**AGREED:**

FOR MAHARASHTRA CENTRE FOR  
ENTREPRENEURSHIP DEVELOPMENT

FOR Dharampeth M.P. Deo Memorial  
Science College, Nagpur



Shrikant Kulkarni  
Project Officer , MCED Centre Hingna  
Nagpur , MOB- 9403078760

Principal  
Authorized Signatory  
Dharampeth M.P. Deo Memorial  
Science College, Nagpur.



MAHARASHTRA CENTRE FOR ENTREPRENEURSHIP DEVELOPMENT –MCED CENTRE, HINGNA, NAGPUR	Dharampeth M.P. Deo Memorial Science College
P-134, U BLOCK, BELECTRONIC ZONE CHOWK, MIDC HINGNA, BEHIND DMLT COLLEGE, HINGNA ROAD, NAGPUR	Ambazari Nagpur 440033
Contact Details SHRIKANT KULKARNI 9403078760 ,07104242955	Phone: 071-2241372, 2241490
E-mails: nagpursubcentrepomced@gmail.com	E-mails: principal_dsc@rediffmail.com
Web: <a href="http://www.mced.in">www.mced.in</a>	Web: <a href="http://dharampethsciencecollege.com">http://dharampethsciencecollege.com</a>

Witness 1:



PARAG MARKANDAY  
PROGRAM ORGANISER  
MCED NAGPUR

MOB:- 8329260837, 9923023409

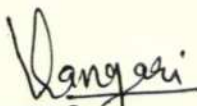
Witness 2:



JEETENDRA CHOURE  
PROGRAM ORGANISER  
MCED, NAGPUR

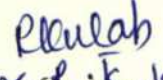
MOB:- 9604418415

Witness 3:



Dr. M. V. V. Rangari  
Dharampeth M.P. Deo Memorial  
Science College, Nagpur

Witness 4:



Mr. R. K. Khat  
Dharampeth M.P. Deo  
Memorial Sci. College  
Nagpur





Dharampeth M. P. Deo Memorial Science College, Nagpur

Academic Session: 2019-20

Criteria: -I &V

1)	Name of the Department	:	Entrepreneur Development Cell
2)	Name of the Activity	:	Training Programme conducted by Maharashtra Centre for Entrepreneurship Development, Hingna Nagpur.
3)	Date	:	27.12.2019
4)	Class	:	Students of BHSc & BSc
5)	Teacher In charge	:	Mrs Ranjana Kulat.
6)	Name of Resource Person	:	Mr Shrikant Kulkarni (Project Officer ) accompanied by his office staff Presonnel
7)	Topic	:	Entrepreneurship development programme of "E-SEVA "
8)	Venue	:	Dharampeth College
9)	Number of students participated	:	32
10)	DVV Format	:	YES
11)	Outcome	:	Students received the information on how to access and use the Government websites to know the different Projects in different sectors like agriculture, finance and Industry Import and Export and how to handle electronic media in this Digital Era.

Principal  
Dharampeth M.P. Deo Memorial  
Science College, Nagpur.

12)



for **Dr. R. B. Lanjewar**  
IQAC Coordinator

**CO ORDINATOR**  
INTERNAL QUALITY ASSURANCE CELL  
DHARAMPETH, M. P. DEO MEMORIAL &  
SCIENCE COLLEGE, NAGPUR

Name of Teacher Incharge

**Dr. Akhilesh Peshwe**  
Principal  
Dharampeth M.P. Deo Memorial  
Science College, Nagpur

MCED/TR/CCTV/NGP/19-20/165

DATE:-15-10-19

To,

The Principal

Dharampeth M.P. Deo Memorial Science College,  
Nagpur

Sub: - Regarding Collaboration in "Govt. E-Tender Filling Training" at Nagpur.

REF:- As per our Discussion and meeting dated 15/10/2019

Respected sir,

Maharashtra Centre for Entrepreneurship Development MCED Hingna Centre Nagpur. Promoted by government of Maharashtra under Directorate of Industries conducting "Govt. E-Tender Filling Training" for youths of Nagpur. The motto of program is to develop skill trained manpower in E Tendering filling & self Employment in this sector. We would like to do collaboration for technical training with your institution

MCED will do expenses like Advertisement, Course Material, Study Material, Lunch, Tea expenses etc .Dharampeth M.P.Deo Memorial Science College has to provide conference hall facility with projector and Audio System. The Name of your college will be on our Government Certification as venue Partner. The College name will be taken Advertisement, Banner as Partner institution.

Please kindly issue one Good furnished conference Hall for Training

Training date: 19/10 /19 to 20/10 /19. Time: - 11 To 5 PM

Thanking You

With Regards,



Shrikant Kulkarni  
Project Officer  
MCED Hingna Centre  
Nagpur.  
MOB-9403078760



1. Original copy with ED all  
Dr. Kulkarni  
2. IQAC photocopy  
For record



To,

The Director/ Principal

Dharampeth M.P. Deo  
Memorial Science College,  
Nagpur

Subject: Regarding MOU Signing & Setting up Entrepreneurship Development Cell (E.D. Cell) With Maharashtra Centre for Entrepreneurship Development (MCED) in your College/Institute.

Dear Sir,

Maharashtra Centre for Entrepreneurship Development (MCED) is an autonomous institute working under the Directorate of Industries, Government of Maharashtra. This institute is governed by Governing Council headed by Hon. Development Commissioner (I) Maharashtra State and Executive Committee headed by Managing Director MSSIDC and Mumbai Since 1988. MCED is working in the field of Entrepreneurship Development & have trained 15 lakhs plus participants in last 30 years

As per evaluation study conducted by Entrepreneurship Development Institute of India (EDII), Ahmadabad success rate of the EDP's are 37%. MCED is having accredited Motivator trainers trained at national level institutes i.e. EDII, Ahmadabad & NIESBUD, New Delhi. MCED Head office of the institute is situated in Aurangabad and eight regional offices at Aurangabad, Nanded, Nagpur, Amravati, Pune, Kolhapur, Nasik, Mumbai & District offices in all district of Maharashtra. Mandate of the organization is Entrepreneurship and Skill Development in Maharashtra state.

As India is facing major problem of unemployment and as a social responsibility MCED is coming with revolutionary vision to create entrepreneurial culture amongst the college students. With the rich experience in the field of entrepreneurship since last three decades, we are eager to Start/ interested to have MOU with Entrepreneurship Development Cell in your institute

MCED Hingna Centre, Nagpur are already conducting Sponsored Programmes like Women Entrepreneurship Development (WEDP), Skill And Entrepreneurship Development, Programmes from Department of Science and Technology (DST) GOI, Directorate of Industries (DI), Agriculture Department, NSIC, MSME, Collector Office, NIMSME, NSSH, NICE and other various Government Departments.

We want to implement technical training schemes in collaboration with colleges. MCED will make payment for technical training and lodging boarding to college as per MCED norms. MCED wants to sign General MOU for Entrepreneurship and Skill Development sponsored and Non-sponsored activities with your institution/ college.



Principal

Dharampeth M.P. Deo Memorial  
Science College, Nagpur

Submitting herewith format for General MOU with Educational Institutes and colleges. We herewith request you to edit the existing college details by adding your college details and send it to us at earliest before 3/10/19, 2 Pm on [nagpursubcentrepomced@gmail.com](mailto:nagpursubcentrepomced@gmail.com).

Once MOU format is received we will revert you the final Draft. Which you have to carry in hard copy (Spiral Binded 3 sets) for signing MOU.

Meeting is scheduled on 04/10/19. Once MOU is signed one copy will be given to the College/Institute in meeting and rest two will be with MCED.

**DETAILS OF MOU SIGNING MEETING/WORKSHOP  
MCED IN COLLABRATION WITH RAISONI ACADEMY OF ENGINEERING AND TECHNOLOGY  
NAGPUR IS AS FOLLOWS:-**

**DATE:- 04/10/2019      TIME:- 2:00 PM TO 4:30 PM**

**VENUE**

**101, CONFERENCE HALL, GH RAISONI ACADEMY OF ENGINEERING AND TECHNOLOGY,  
SHRADHA PARK, B-37/39-1, MIDC, OFF. HINGNA-WADI LINK ROAD, NAGPUR**

You are cordially invited for MOU signing meeting and further collaboration or conduction of Entrepreneurship and Skill Development Sponsored and Non Sponsored Activities with mutual understanding.

Note:- If you have Signed any MOU with MCED you are also invited for meeting for Renewal of Existing MOU in this attached format.

For more details you can contact following persons-

Shrikant Kulkarni  
Project Officer  
MCED Hingna  
Nagpur  
9403078760  
Mail ID:- [nagpursubcentrepomced@gmail.com](mailto:nagpursubcentrepomced@gmail.com)

Parag Markandey  
8329260837, 9923023409

Jitendra Choure  
9604418415

Date: 18-11-2019

To,  
The Principal,  
Dharampeth M.P. Deo Memorial Science College,  
Nagpur.

Sub: Request for APJ Abdul kalam hall for 30<sup>th</sup> November 2019 & 1<sup>st</sup> December 2019 to 2 days workshop program for Agri-Export Business under MCED

Respected sir,

With reference to above sited subject , I wish to inform you that MCED will conduct 2 days workshop program In association with Dharampeth M.P.Deo memorial Science college Nagpur as the program scheduled was on 6 &7 november It is postponed for Agri-Export Business under MCED on 30<sup>th</sup> November 2019 & 1<sup>st</sup> December 2019 .So we want APJ Abdul kalam Hall on the topic " Opportunities in fruit processing industry and its export Above date.

So kindly do the needful.

Program :

1:--Work Shop Program Date: 30<sup>th</sup> Nov 2019 to 1<sup>st</sup> December 2019 Time : 10:00 AM TO 6:00 PM

Thanking You,

Shrikant Kulkarni,

Project Officer

Hinghna Centre, Nagpur.

*Single  
Prog. coordinator*

*To  
D. Kulkarni  
D. Deshpande  
kindly take  
action  
for planning  
to  
Joshi Sir*

धरमपेठ म. पां. देव स्मृती  
विज्ञान महाविद्यालय, नागपूर  
आवक क्र. 224  
दिनांक 21/12/19

## MAHARASHTRA CENTRE FOR ENTREPRENEURSHIP DEVELOPMENT, HINGNA, NAGPUR.

ADDRESS : PLOT NO. P-134, U BLOCK, BEHIND DMLT COLLEGE, ELECTRONIC ZONE SQUARE,  
HINGNA, NAGPUR-16.

MCED/TR/ESEVA/19-20/

DATE:- 21-12-2019

To,  
The Principal ,  
Dharampeth Mp Deo Memorial Science College, Nagpur

Sub: - Regarding Collaboration  
Respected sir/mam,

Maharashtra Centre for Entrepreneurship Development MCED Centre, Hingna Nagpur. Promoted by government of Maharashtra under directorate of industries conducting "E-SEVA" training for youths of Nagpur. In this training we want collaboration of Dharampeth Mp Deo memorial science college, nagpur in the entrepreneurship development programme of "E-SEVA"

MCED will do expenses like advertisement course material, study material. Lunch, Tea expenses. College has to provide training hall facility with projector, sound system.

Please kindly issue us one room/ Conference hall details are as follow.

Seminar Date: 22/12/2019 Timing – 2.00 pm to 3.00 pm  
Programme Date : 27, 28, 29/12/2019 Timing : 11:00 am to 5:00 pm.  
Please kindly do the needful, expecting Collaboration in the same.  
Thanking You.

With Regards,

*S. Kulkarni*  
Shrikant Kulkarni  
Project Officer  
MCED Hingna Centre  
Nagpur.

TO  
Dr. Shradha Dushpanel

*[Signature]*

*[Signature]*  
Principal  
Dharampeth M.P. Deo Memorial





DHARAMPETH M.P. DEO MEMORIAL SCIENCE COLLEGE, NAGPUR

Academic Session : 2019-20


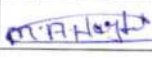
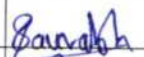


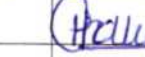
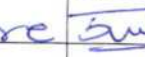




Name of Activity: .....

Date: 27/12/2019

Sr. No.	Name of Faculty	Signature	Contact No.	E-mail ID
1	Tuptyi Dhoke		9309798029	tpdhoke@rediffmail.com
2	Pradnya M. Sonde		9595591920	Pradnyasongai196@gmail.com
3	Jyoti M. Dhok		9860179095	jyoti-dhok0112@gmail.com
4	Kalyani S. Batulwar		9039937098	kalyanibatulwar2015@gmail.com
5	Sampada Tarale		9890184702	sampadatarale179@gmail.com
6	Tushar N. Dehankar		8446699870	dehankar36@gmail.com
7	Gopal B. Muskande		9623594835	gopal.muskande08@gmail.com
8	Surey G. Nipane		8446677557	sureynipane@gmail.com
9	Pramod L. Bhanuse		9371210007	pm.bhanuse@gmail.com
10	Sandip V. Hartewar		9370966278	HartewarSandip@gmail.com
11	Vilas P. Pethre		8888831033	vilas.pethre@gmail.com
12	Sachin S. Surjuse		955295007	SachinSurjuse212@gmail.com
13	Laxmikant N. Kumar		8983112343	lkumar750@gmail.com
14	Tushar Kisanlal Tekam		9527613350	tekam.tushar@yahoo.in
15	SAGAR M. PENDOR		9890364767	SAGARPENDOR07@GMAIL.COM
16	Milind R. Kuhate		9423118365	Kuhatemilind@Yahoo.in
17	Vishal P. Darumkar		7972913958	vishud143@gmail.com
18	Chetam V. Lunjwar		9420410174	coolchetam.Lunjwar@rediffmail.com
19	Pragati P. Wanale		9405756715	PragatiWanale112@gmail.com
20	Mandana K. Chate		9527155943	Mandanchate.ROCKS@gmail.com
21	Kishor B. Gade		8788438783	14shor1057@gmail.com

Head

Principal  
Dharampeth M.P. Deo Memorial  
Science College, Nagpur.

Sr. No.	Name of Faculty	Signature	Contact No.	E-mail ID
22)	Pravin H. Kotecha		9423625242	pravin.kotecha17@gmail.com
23)	Mohit A. Nagtode		7030746222	m.nagtode@gmail.com
24)	Saurabh P. Khandare		7798259643	Saurabhkhandare7643@gmail.com
25)	Parag D. Yelekar		9028268572	Parag.Yelekar.Parag45@gmail.com
26)	Kunal W. Bagde		8554967216	bagdekunal16@gmail.com
27)	Herulata P. Gawali		8788123595	
28)	Jayshri Thombre		9096527508	jayshrithombre@gmail.com
29)	Mamta Meshram		7219415389	
30)	Ashwamegh Pati		9373109809	engg.asp@gmail.com
31)	Rakesh R. Khobragade		9595150148	rakeshkhobragade278@gmail.com
32)	Hanshal S. Chhatre		828500428	Hanshalchhatre@gmail.com

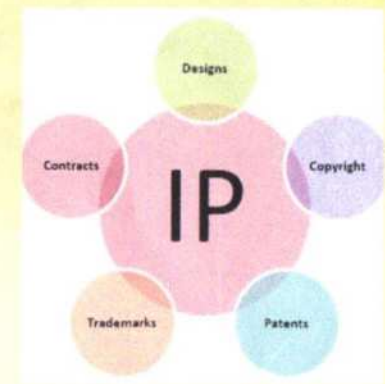


Head  
Principal

Dharampeth M.P. Deo Memoria  
Science College, Nagpur



Entrepreneur and politician Rickard Falkvinge and hacker Alexandre Oliva have independently compared George Orwell's fictional dialect Newspeak to the terminology used by intellectual property supporters as a linguistic weapon to shape public opinion regarding copyright debate and DRM

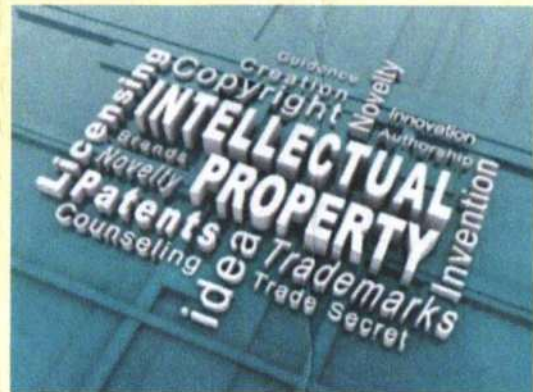


Intellectual Property Laws

Four types of Intellectual Property are:

- Patents
- Trademark
- Design
- Copyright

- **Patents** for inventions
- **Trademarks** for brand identity
- **Design** for product appearance
- **Copyright** for materials



↑  
**IPR**

**MAHARASHTRA CENTRE FOR ENTREPRENEURSHIP DEVELOPMENT,  
HINGNA, NAGPUR.**

ADDRESS : PLOT NO. P-134, U BLOCK, BEHIND DMLT COLLEGE, ELECTRONIC ZONE SQUARE,  
HINGNA, NAGPUR-16.

MCED/TR/ESEVA/19-20/

DATE:-10-02-2020

To,  
The Principal,  
Dharampeth Science college Ambazari Nagpur.

Sub: - Regarding Collaboration  
Respected Sir,

Maharashtra Centre for Entrepreneurship Development MCED Centre, Hingna Nagpur. Promoted by government of Maharashtra under directorate of industries conducting "E-SEVA" training for youths of Nagpur. In this training we want collaboration of **Dharampeth Science college Ambazari Nagpur** in the entrepreneurship development programme of "E-SEVA"

MCED will do expenses like advertisement course material, study material. Lunch, Tea expenses. College has to provide training hall facility with projector, sound system.

Please kindly issue us one room/ Conference hall details are as follow.

Seminar Date: 16/02/2020 Timing – 01.00 pm to 02.00 pm.

Programme Date : 22,23,25/02/2020 Timing : 11:00 am to 5:00 pm.

Please kindly do the needful, expecting Collaboration in the same.  
Thanking You.

With Regards,

Shrikant Kulkarni  
Project Officer  
MCED Hingna Centre  
Nagpur.

Received  
17/2/2020

Prof. Kulat  
27/2/2020

Principal  
Dharampeth M.P. Deo Memorial  
Science College, Hingna

MEMORANDUM OF UNDERSTANDING (MoU)

BETWEEN



MAHARASHTRA CENTER FOR ENTREPRENEURSHIP  
DEVELOPMENT, (MCED)  
(AN AUTONOMOUS SOCIETY WORKING UNDER DIRECTORATE  
OF INDUSTRIES, GOVERNMENT OF MAHARASHTRA)  
A-38, MIDC AREA, NEAR RAILWAY STATION, AURANGABAD

&



DHARAMPETH M.P. DEO MEMORIAL SCIENCE COLLEGE  
DIST: NAGPUR (MAHARASHTRA, INDIA)

FOR

ENTREPRENEURSHIP TRAININGS & RESEARCH

Received  
7.10.19

1. Original with IBAC / Dr. Langew
2. Take scans send to all HODS
3. Photocopy with the committee

*[Signature]*  
4/10/19

## MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (hereinafter called as the 'MOU') is entered into on this the 4<sup>th</sup> day of October (Name of Month) 2019, for organizing the entrepreneurship development activities by and between

**MAHARASHTRA CENTRE FOR ENTREPRENEURSHIP DEVELOPMENT, A-38, MIDC Area, Near Railway Station, Aurangabad- 431005** represented herein by its **Executive Director** (hereinafter referred as '**MCED**', the institution which expression, unless excluded by or repugnant to the subject or context shall include its successors – in-office, administrators and assigns).

AND

**DHARAMPETH M.P.DEO MEMORIAL SCIENCE COLLEGE, AMBAZARI, DIST. NAGPUR** the **Second Party**, and represented herein by its Dr. Akhilesh Peshwe **Head, Name of Competent Authority / Representative**, (hereinafter referred to as "Second Party", organization which expression, unless excluded by or repugnant to the subject or context shall include its successors – in-office, administrators and assigns).

(First Party and Second Party are hereinafter jointly referred to as 'Parties' and individually as 'Party') as

### WHEREAS:

A) First Party is a Higher Educational Institution named:

**MAHARASHTRA CENTRE FOR ENTREPRENEURSHIP DEVELOPMENT**

B) **MCED & DHARAMPETH M.P.DEO MEMORIAL SCIENCE COLLEGE, AMBAZARI, NAGPUR** 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 Entrepreneurship Based Training, Education and Research.

D) Both Parties, being legal entities in themselves desire to sign this MOU for advancing their mutual interests.

E) **DHARAMPETH M.P.DEO MEMORIAL SCIENCE COLLEGE, AMBAZARI NAGPUR** the Second Party is an educational institution belonging to the people, working for the people and being administered by the people.

F) **DHARAMPETH M.P.DEO MEMORIAL SCIENCE COLLEGE, AMBAZARI NAGPUR** the Second Party is promoted by **Dharampeth Education Society Nagpur, 440033**.

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

### CLAUSE 1 CO-OPERATION

1.1 Both Parties are united by common interests and objectives, and they shall establish channels of communication and co-operation that will promote and advance their respective operations within the **Institution** and its related wings. The Parties shall keep each other informed of potential opportunities and shall share all information that may be relevant to secure additional opportunities for one another.

- 1.2 First Party and Second Party co-operation will facilitate effective utilization of the intellectual capabilities of the faculty of First Party providing significant inputs to them in developing entrepreneurial mindset which help student to decided entrepreneurship as a career choice keeping in mind the needs of the educational institute, the Second Party.
- 1.3 The general terms of co-operation shall be governed by this MOU. The Parties shall cooperate with each other and shall, as promptly as is reasonably practical, enter into all relevant agreements, deeds and documents (the 'Definitive Documents') as may be required to give effect to the actions contemplated in terms of this MOU. The term of Definitive Documents shall be mutually decided between the Parties. Along with the Definitive Documents, this MOU shall represent the entire understanding as to the subject matter hereof and shall supersede any prior understanding between the Parties on the subject matter hereof.

#### CLAUSE 2 SCOPE OF THE MoU

- 2.1 The budding graduates from the institutions could play a key role in economic development of the country through establishing enterprises. Both parties believe that close co-operation between the two would be of major benefit to the student community to enhance their skills and knowledge.
- 2.2 **Curriculum Design:** First Party will give valuable inputs to the Second Party in designing teaching / training methodology and suitably customize the curriculum so that the students fit into the current entrepreneurial scenario meaningfully.
- 2.3 **Entrepreneurship Training & Visits:** Entrepreneurship training followed by industry visits will give an insight in to the latest developments / requirements of startups / enterprise setup. The entrepreneurship training and exposure provided to students and faculty through this association will build confidence and prepare the students to have a smooth transition from academic to entrepreneurial career. The Second Party will provide its Labs & training halls for the hands-on training of the learners enrolled with the First Party.
- 2.4 **Research and Development:** Both Parties have agreed to carry out the joint research activities in the fields of **Entrepreneurship**.
- 2.5 **Entrepreneurship Development Programs:** First Party to conduct training programme for the students of Second Party on entrepreneurship development in order to disseminate the information and make students attitude to go for entrepreneurship as a career choice.
- 2.6 **Entrepreneurship Awareness Programme:** First Party to extend the necessary support to conduct entrepreneurship awareness programme to the students of the Second Party on emerging trends in entrepreneurship.
- 2.7 **Faculty Development Programs:** First Party to train the Faculties of Second Party for imparting training on entrepreneurship development.
- 2.8 **Udyojak Magazine:** Udyojak magazine is one of the tools for cultivating entrepreneurial culture in the society. Second party will help first party for

promoting **Udyojak** Magazine at large extent to serve the motto of magazine.

- 2.9 **Post Training support to Trained Students:** First Party will help actively for starting enterprise to the students of second party in terms of Business Plan Preparation, Marketing support, financial support from financial institutions, Design Support, Support for trial production, etc.
- 2.10 Both Parties to obtain all internal approvals, consents, permissions, and licenses of whatsoever nature required for offering the Programmes on the terms specified herein
- 2.11 There is no financial commitment on the part of the **MCED**, the First Party to take up any programme mentioned in the MoU. If there is any financial consideration, it will be dealt separately.

### CLAUSE 3 INTELLECTUAL PROPERTY

Nothing contained in this MOU shall, by express grant, implication, Estoppel or otherwise, create in either Party any right, title, interest, or license in or to the intellectual property (including but not limited to know-how, inventions, patents, copy rights and designs) of the other Party.

### CLAUSE 4 VALIDITY

- 4.1 This Agreement will be valid until it is expressly terminated by either Party on mutually agreed terms, during which period **MCED**, the First Party, as the case may be, will take effective steps for implementation of this MOU. Any act on the part of **DHARAMPETH M.P.DEO MEMORIAL SCIENCE COLLEGE, AMBAZARI NAGPUR** the Second Party after termination of this Agreement by way of communication, correspondence etc., shall not be construed as an extension of this MOU
- 4.2 Both Parties may terminate this MOU upon 30 calendar days' notice in writing. In the event of Termination, both parties have to discharge their obligations.

### CLAUSE 5 RELATIONSHIP BETWEEN THE PARTIES

- 5.1 It is expressly agreed that **MCED** and **DHARAMPETH M.P.DEO MEMORIAL SCIENCE COLLEGE, AMBAZARI NAGPUR** are acting under this MOU as independent contractors, and the relationship established under this MOU shall not be construed as a partnership. Neither Party is authorized to use the other Party's name in any way, to make any representations or create any obligation or liability, expressed or implied, on behalf of the other Party, without the prior written consent of the other Party. Neither Party shall have, nor represent itself as having, any authority under the terms of this MOU to make agreements of any kind in the name of or binding upon the other Party, to pledge the other Party's credit, or to extend credit on behalf of the other Party.



MCED,  
First Party

DHARAMPETH M.P.DEO MEMORIAL SCIENCE COLLEGE,  
NAGPUR  
Second Party

Any divergence or difference derived from the interpretation or application of the MoU shall be resolved by arbitration between the parties as per the Arbitration Act, 1996. The place of the arbitration shall be at District Head Quarters of the First Party. This undertaking is to be construed in accordance with Indian Law with exclusive jurisdiction in the Courts of **Aurangabad**.

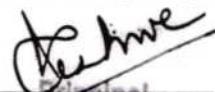
**AGREED:**

FOR MAHARASHTRA CENTRE FOR  
ENTREPRENEURSHIP DEVELOPMENT



Shrikant Kulkarni  
Project Officer , MCED Centre Hingna  
Nagpur , MOB- 9403078760

FOR Dharampeth M.P. Deo Memorial  
Science College, Nagpur




Principal  
Authorized Signatory  
Dharampeth M.P. Deo Memorial  
Science College, Nagpur.




MAHARASHTRA CENTRE FOR ENTREPRENEURSHIP DEVELOPMENT –MCED CENTRE, HINGNA, NAGPUR	Dharampeth M.P.Deo Memorial Science College
P-134,U BLOCK,BELECTRONIC ZONE CHOWK, MIDC HINGNA, BEHIND DMLT COLLEGE, HINGNA ROAD, NAGPUR	Ambazari Nagpur 440033
Contact Details SHRIKANT KULKARNI 9403078760 ,07104242955	Phone: 071-2241372, 2241490
E-mails: nagpursubcentrepomced@gmail.com	E-mails: principal_dsc@rediffmail.com
Web: <a href="http://www.mced.in">www.mced.in</a>	Web: <a href="http://dharampethsciencecollege.com">http://dharampethsciencecollege.com</a>

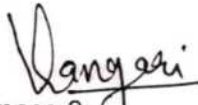
Witness 1:

  
PARAG MARKANDAY  
PROGRAM ORGANISER  
MCED NAGPUR  
MOB:- 8329260837, 9923023409

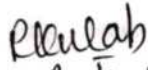
Witness 2:

  
JEETENDRA CHOURE  
PROGRAM ORGANISER  
MCED, NAGPUR  
MOB:- 9604418415

Witness 3:

  
Dr. M.V.V. Rangari  
Dharampeth M.P. Deo Memorial  
Science College, Nagpur

Witness 4:

  
Mr. R.K. Kulkarni  
Dharampeth M.P. Deo  
Memorial Sci. College  
Nagpur



Ref :- MCED/Workshop/19-20/1678

DATE :- 17/02/2020

To,  
The Principal  
Dharampeth M.P. Deo Memorial  
Science College,  
Nagpur.

Respected Sir,

Maharashtra Centre for Entrepreneurship Development has organised Five Days Workshop on " Advanced Goat, Poultry and Dairy Farming " from Dt. 25/02/2020 to 29/02/2020.

The motto of this program is to aware the farmers about the Government Schemes and other facilities provided for this programme.

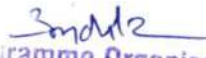
We want to collaborate your ED cell for this programme. MCED will do all the advertisements, promotions. faculty, Inauguration and valedictory, etc.

The college has to provide registration-30, training hall, projector, PA system, sitting arrangement, etc.

The Name of the college will be on certificate.

Thanks.

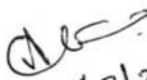
With Regards

  
Programme Organiser  
MCED, Hingna Centre  
Nagpur

Shri Shrikant Kulkarni  
Project officer  
MCED, Hingna Centre, Nagpur.  
Mobile No. 9403078760

Email id :- [nagpursubcentrepomced@gmail.com](mailto:nagpursubcentrepomced@gmail.com)

Mrs. Kulat Madam

  
17/2/2020



**DHARAMPETH M. P. DEO MEMORIAL SCIENCE COLLEGE,  
North Ambazari Road, Near Ambazari Lake, Nagpur**

**NAAC ACCREDITED GRADE 'A' WITH CGPA 3.01 (Third Cycle)**

## **CRITERION-III**

**Research, Innovations and Extension**

# **YEAR-4**

# **2018-19**

**3.5.1**

**Number of MoUs, collaborations / linkages for Faculty exchange,  
Student exchange, internship, field trip, on-the-job training,  
research and other academic activities during the years 2018-19**

**SSR: 2023 FOR NAAC FOURTH CYCLE**



3.5.1

Number of MoUs, collaborations / linkages for Faculty exchange, Student exchange, internship, field trip, on-the-job training, research and other academic activities during the years 2018-19

List of MOUs & Activities Conducted

Sr. No.	Name of the MoU / Collaboration / linkage	Year of Signing of MoU/ Collaboration / Linkage	Duration of MoU / collaboration / linkage	Name of Activity
1.	Prabhat Travels	2017-18	5 years	Botanical Excursion
2.	Quick Heal Foundation	2018-19	1 year	Inter collegiate Training Program on Cyber Awareness
3.	1. Dr. M. K. Umathe College, Nagpur & 2. Matru Seva Sangh Inst. Of Social Work, Nagpur	2018-19	1 year	Intercollegiate Multidisciplinary Workshop on Patenting
4.	1. IQAC, RTM Nagpur University, Nagpur; 2. Shri Ramdeobaba College of Engineering and Management, Nagpur; 3. Dr. M. K. Umathe College, Nagpur; 4. Santaji Mahavidyalaya, Nagpur	2018-19	1 year	Measuring outcomes, Good Documentation, Innovation and Best Practices
5.	1. Santaji Mahavidyalaya, Nagpur; 2. Dr. M. K. Umathe College, Nagpur	2018-19	1 year	A Faculty Development Programme on Student Satisfaction Survey

**Prof. Pitambar Humane**

IQAC Coordinator  
**CO ORDINATOR**

INTERNAL QUALITY ASSURANCE CELL  
DHARAMPETH, M. P. DEO MEMORIAL &  
SCIENCE COLLEGE, NAGPUR

**Dr. Akhilesh Peshwe**

Principal  
Principal

Dharampeth M.P. Deo Memorial  
Science College, Nagpur.



PROP. MANOHAR INKANE

# Prabhat TRAVELS

**Office :** Near Morris College Ground, Opp. Yeshwant Stadium, Chhoti Dhantoli, Nagpur - 440 012 ☎ : 2443323 / 2425580  
**Resi.:** Inkane's House, "Prabhat", N-48, Reshimbagh, NAGPUR - 440 009, ☎ : 2742097 Fax No. : 0712 - 2425580, Mobile : 9423102381, 9373115738 / 9373101200

Ref. No. : \_\_\_\_\_

## TO WHOMSOEVER IT MAY CONCERN


Date : \_\_\_\_\_

This is to certify that Party No 1. i.e., Prabhat Travels, Nagpur and Party No. 2 i.e. Department of Botany, Dharampeth M. P. Deo Memorial Science College, Nagpur have a functioning linkage on 1<sup>st</sup> June, 2017 for FIVE years, i.e., till 31<sup>st</sup> May, 2022. Under the linkage both the parties have agreed to conduct the Botanical Excursions. The following support / facilities on reasonable rate will be provided by Party No. 1 during botanical excursions to the students:

1. Travel support
2. Hospitality


### Signatories:

#### **Witness No 1:**

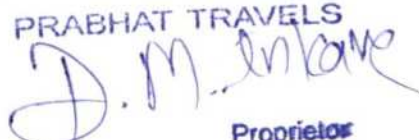
  
A. P. J. Humane

#### **Witness No 2:**

#### **Party No 1:**

  
Principal  
Dharampeth M.P. Deo Memorial  
Science College, Nagpur.



#### **Party No 2:**

PRABHAT TRAVELS  
  
Proprietor



**Dharampeth M. P. Deo Memorial Science College, Nagpur**  
**Academic Session: 2018-19**

**Criteria: III**

1)	Name of the Department	:	BOTANY
2)	Name of the Activity	:	Botanical Excursion
3)	Date	:	01.10.2018
4)	Class	:	All Botany Students
5)	Teacher In charge	:	Dr. Pitambar Humane
6)	Name of Resource Person	:	Dr. Pitambar Humane
7)	Topic	:	Field visit to observe flora in natural conditions
8)	Venue	:	Koka & Chandpur
9)	Number of students participated	:	150
10)	DVV Format	:	
11)	Outcome	:	The students observed the plants in natural habitat during the visit. The plants from different groups like algae, fungi, bryophytes, pteridophyte, gymnosperms and angiosperms. Also, the students observed many aquatic flora and plant association during this visit.
12)	Photos	:	
			

**Dr. R. B. Lanjewar**  
IQAC Coordinator

Name & Signature of Teacher In-Charge

**Dr. Akhilesh Peshwe**  
Principal  
Dharampeth M. P. Deo Memorial  
Science College, Nagpur.

DHARAMPETH M. P. DEO MEMORIAL SCIENCE COLLEGE, NAGPUR

DEPARTMENT OF BOTANY

LIST OF STUDENTS 2018 19

F-11

Sr. No.	Name of Student	Amt deposited	Mobile No.		Signature	Signature of HOD	Assignment issued
			Self	Home			
1.	SHANTANU ASHOK GOMASE	1000/-	9890108041	7420881018	<u>Shomase</u>	<u>Shomase</u>	<u>Shomase</u>
2.	JOTSANA KULDEEP PARASKAR	1000/-	8669816194	9923419573	<u>Joty</u>	<u>Joty</u>	<u>Joty</u>
3.	PRIYANSHI DEVLAL PARDHI	400/-	9119582393	7875896794	<u>Priyanshi</u>	<u>Priyanshi</u>	<u>Priyanshi</u>
4.	NEHA RAMU NAKADE	1000/-	9075496117	8552983242	<u>Nakade</u>	<u>Nakade</u>	<u>Nakade</u>
5.	<del>PRIYANSHI DEVLAL PARDHI</del>						
6.	BHARTI JAGDISH KOKAMWAR ✓	1000/-	9923441737	---	<u>Bhokamwar</u>	<u>Bhokamwar</u>	<u>Bhokamwar</u>
7.	SONIYA BANSILAL KASDEKAR						
8.	JAYSHREE RAVINDRA DHADEL	1000/-	8378822413	9096169793	<u>Dhadel</u>	<u>Dhadel</u>	<u>Dhadel</u>
9.	POOJA LANKESH CHAMATE ✓		9689804405	7796596406			<u>Chamate</u>
10.	MOHAMMED SHOEB RAYEES AHMAD						
11. //	VAIBHAV NETLAL UKEY	1000/- (500)	997577419	9155365317	<u>Ukey</u>	<u>Ukey</u>	<u>Ukey</u>
12.	AVINASH SURESH GHOTKAR	400/-	7030715540	---	<u>Ghotkar</u>	<u>Ghotkar</u>	<u>Ghotkar</u>
13.	MOHINI RAMESH JADHAV	1000/-	8208144086	9766050919	<u>Mohini</u>	<u>Mohini</u>	<u>Mohini</u>
14.	AMISHA ANIL KENDHE	400	7798167519	9823625457	<u>Kendhe</u>	<u>Kendhe</u>	<u>Kendhe</u>

15.	VAISHNAVI D. BORKUNTAWAR	1000/-	9689250653	9370803918	Borkuntawar	Handwritten signature	Borkuntawar
16.	PAYAL SANJAY ZALKE	1000/-	8657412996	9503097941	Zalke	Handwritten signature	Zalke
17.	SHEETAL YOGESHWAR RAWTE	1000/-	7975066452	9420620882	Rawte	Handwritten signature	Rawte
18.	SHWETA KAMLAKAR PANDEY						✓
19.	KIRAN SHANKARDAYAL BHAGAT ✓	1000/-	9067573518	8208620127	Bhagat	Handwritten signature	Kiran Bhagat
20.	SHAHIN TAJMOHMMAD SHEIKH ✓	1000/-	7517413824	9823152793	Sheikh	Handwritten signature	Sheikh
21.	SONAL NAVALKISHOR INGLE	1000/-	9130171008	7709771040	Ingle	Handwritten signature	✓
22.	SWEJAL SATISH TAMBE	400/-				Handwritten signature	✓
23.	SADHANA NANDLAL TUMDAM	1000/-	7057884329	7719851046	Tumdum	Handwritten signature	Tumdum
24.	PUSHPAK R. PUNJAR	400/-	9975446892	-1	Punjar	Handwritten signature	Punjar
25.	ACHAL A GAUTRE	1000/-	7447597625	9423633342	Gautre	Handwritten signature	Gautre
26.	SHRUTI R. IKHAR	1000/-	8552965380	9975576177	Ikhare	Handwritten signature	Ikhare
27.	TINKAL S. PATLE X	400/-	7219077785	7595221667	Patle	Handwritten signature	Patle
28.	AKANKSHA B. FALKE	1000/-	8530781507	9425634804	Falke	Handwritten signature	Falke
	NAFISA FIROJ SHIEKH	1000/-	9765608869	9379343046	Shiekh	Handwritten signature	Shiekh



F-12

Sr. No.	Name of Student	Amt deposited	Mobile No.		Signature	Signature of HOD	Assignment issued
			Self	Home			
1.	LOKESH RAJESH TUMDAM	1000/-	7030995325	9921458673	<i>Tumdam</i>	<i>Tumdam</i>	<i>Tumdam</i>
2.	SANKET GOVINDA CHACHANE ✓ <i>1000</i>	1000/-	8898480778	9423674251	<i>Chachane</i>	<i>Chachane</i>	<i>Chachane</i>
3.	RUCHIKA MESHAM						
4.	KRUNAL AMBEDARE	1000/-	7066950039	8908529878	<i>Krunal</i>	<i>Krunal</i>	<i>Krunal</i>
5.	SAURABH SIRSE	400/-				<i>Sirse</i>	✓
6.	AKHILESH DESHPANDE <i>Not found</i>	1400/-	9309177980	9423683896	<i>Akhil</i>	<i>Akhil</i>	<i>Akhil</i>
7.	SWATI DAF	1000/-	7776938881	9422926266	<i>Swati</i>	<i>Swati</i>	<i>Swati</i>
8.	PRAJAKTA KHANDAGALE <i>Not found</i>		9372507987	7798739593			<i>Prajakta</i>
9.	PRATIBHA WAGHMARE <i>Not found</i>	400/-	9545360832	9673755414	<i>Pratibha</i>	<i>Pratibha</i>	<i>Pratibha</i>
10.	TEJASWINI BHOYAR	1000/-	8459484850	9860076406	<i>Bhojar</i>	<i>Bhojar</i>	<i>Bhojar</i>
11.	DIPALI ZADE	1000/-	7218011039	9764548665	<i>D. Zade</i>	<i>D. Zade</i>	<i>D. Zade</i>
12.	RUSHIKESH WALAKE	1000/-	8805986290	9766249252	<i>Rushikesh</i>	<i>Rushikesh</i>	<i>Rushikesh</i>
13.	KANCHAN G. RAMDHAM	1000/-	9146218462	9850077936	<i>Ramdhani</i>	<i>Ramdhani</i>	<i>Ramdhani</i>
14.	PRADNYA R. RAMTEKE <i>Not found</i>	1000/-	9378946616	8390702546	<i>Pradnya</i>	<i>Pradnya</i>	<i>Pradnya</i>
15.	MAYURI R. DAHAKE <i>Not found</i>	1000/-	9325553138	9970611117	<i>Rahake</i>	<i>Rahake</i>	<i>Rahake</i>
16.	AACHAL B. SAKHARE	1000/-	9503595857	9763942496	<i>Sakhare</i>	<i>Sakhare</i>	<i>Sakhare</i>
17.	AAYUSH Y. PATIL						

18.	NEHA DEEPAK CHAUDHARY	1000/-	9370211800	9823714647	chaudhary	<u>Amal</u>	<u>chaudhary</u>
19.	AKANSHA D. RANGARI <u>Batch</u>						
20.	PRACHI P. GHUSE						
21.	ANJALI G. DESHMUKH						✓
22.	GUNJAN B. DHAWALE	400/-	9730590727	9423646745	ghawale		
23.	PIYUSH A. DEHARE	1000/-	9370368130	9764194481	Dehare	<u>Amal</u>	<u>Dehare</u>
24.	SIMRAN D. CHOUDHARI	1000/-	7875410271	9764738978	chaudhary	<u>Amal</u>	<u>chaudhary</u>
25. *	ROHANSHU J. TEMBHURKAR						
26.	SEJAL D. KAMBLE	1500/-	8830886781	9225750707	shamble	<u>Amal</u>	<u>shamble</u>
27.	PRAJWAL S. KHOBRADE	1000/-	7038915504	9579742781	<u>Amal</u>	<u>Amal</u>	<u>Amal</u>
28.	SIDHARTH M. KAMBLE						

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Sr. No.	Name of Student	Amt deposited	Mobile No.		Signature	Signature of HOD	Assignment issued
			Self	Home			
1.	AACHAL DILIP GURNULE	400/-	8637713225	8698544700	<u>A. Gurnule</u>	<u>A. Gurnule</u>	<u>A. Gurnule</u>
2.	PRIYANKA HEMANT KOLWATE	1000/-	7093907238	8805975150	<u>P. Kolwate</u>	<u>P. Kolwate</u>	<u>P. Kolwate</u>
3.	YASH NARENDRA MIRE	1000/-	8208766847	9096660190	<u>Yash Mire</u>	<u>Yash Mire</u>	<u>Yash Mire</u>
4.	APOORVA MORESHWAR BHOYAR X	1000/-	9049668651	9823188605	<u>A. Bhojar</u>	<u>A. Bhojar</u>	<u>A. Bhojar</u>
5.	SHWETA MOHANRAO THETE	1000/-	8552053607	9764783384	<u>S. Thete</u>	<u>S. Thete</u>	<u>S. Thete</u>
6.	SHUBHASHREE MANGESH JOSHI	1000/-	8237757009	9822474654	<u>S. Joshi</u>	<u>S. Joshi</u>	<u>S. Joshi</u>
7.	MONIKA DILIP MARATHE	1000/-	7744930418	9850909789	<u>M. Marathe</u>	<u>M. Marathe</u>	<u>M. Marathe</u>
8.	HITESH WADIBHASME	1000/-	7558620948	7507294533	<u>H. Wadibhase</u>	<u>H. Wadibhase</u>	<u>H. Wadibhase</u>
9.	<del>SNEHAL GIRI</del>						
10.	PRATIKSHA KAWARE	1000/-	8308259180	9573701517	<u>P. Kaware</u>	<u>P. Kaware</u>	<u>P. Kaware</u>
11.	JAGRUTI AYACHIT	1000/-	9403555936	0112-2737849	<u>J. Ayachit</u>	<u>J. Ayachit</u>	<u>J. Ayachit</u>
12.	SAKSHI SURPAM	1000/-	8381070086	9765630323	<u>S. Surpam</u>	<u>S. Surpam</u>	<u>S. Surpam</u>
13. //	POOJA AMBULE						<u>P. Ambule</u>
14.	RITIK BHAIWAR						
15.	ROHINI R. INGLE	1000/-	9881971539	7887630332	<u>R. R. Ingle</u>	<u>R. R. Ingle</u>	<u>R. R. Ingle</u>
16.	ANUSHREE A. SANGIT	1000/-	9359135691	9403196506	<u>A. Sangit</u>	<u>A. Sangit</u>	<u>A. Sangit</u>
17.	SONALI A. DORLIKAR	1000/-	9604658063	9823892769	<u>S. Dorlikar</u>	<u>S. Dorlikar</u>	<u>S. Dorlikar</u>

18.	TANUJA B. KHEDEKAR	1000/-	9921473465	9689122768	Khedeekar	Tanuja	Khedeekar
19.	KALYANI S. CHARDE	4000/-	744520119	8805794875	Charde	Kalyani	Charde
20.	VAIBHAV D. TUMDAM						
21.	RAJAT S. GAIKI						
22.	RAJAT A. MOHOD	1000/-	8975457014	9822803315	Mohod	Rajat	Mohod
23.	KALYANI N. PASHINE	1000/-	7083048156	7357282888	Kalyan	Kalyani	Pashine
24.	KOMAL M. GOSWAMI						
25.	DEVYANI S. ZODAPE	1000/-	7720016707	9921616707	Zodape	Devyani	Zodape
26.	YASH R. WAGH	1000/-	9834200877	9527429665	Wagh	Yash	Wagh
27.	SAVITA B. KHANDATE	1500/-	750779380	9523987089	Khandate	Savita	Khandate
28.	PRATIKSHA V. SAYAM	1000/-	7219100806	9960349300	Sayam	Pratiksha	Sayam
28.	UNNATI P. <del>NEWARE</del> NEWARE	1000/-	9763218504	8177806700	Neware	Unnati	Neware
29.	SNEHA V. THAWALE						

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Sr. No.	Name of Student	Amt deposited	Mobile No.		Signature	Signature of HOD	Assignment issued
			Self	Home			
1.	KHUSHAL B. LANDGE	1000/-	7702072775	8007343055	<i>[Signature]</i>	<i>[Signature]</i>	Encelge
2.	AISHWARYA C. GABHANE	1000/-	7218072042	9067957274	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
3.	PRIYA M. KHADAKKAR	1000/-	9273101840	8600600415	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
4.	SAYALI V. RATHOD	1000/-	9834685843	8888311975	<i>[Signature]</i>	<i>[Signature]</i>	✓
5.	RENUKA S. LIHUTKAR	1000/-	7798573594	9970362254	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
6.	PREETI P. KUDE	1000/-	9764430795	8600955022	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
7.	AMAN R. DUBEY	1000/-	8329340886	9823493271	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
8.	RENUKA S. DESHMUKH	1000/-	9067349001	9130104034	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
9.	NIKITA V. BARVE ✓	1000/-	9834321291	9372415039	N.V. Barve	<i>[Signature]</i>	N.V. Barve
10.	YASHIKA S. PAL	1000/-	7709679886	9595426551	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
11.	PRIYANKA V. CHORASIYA	1000/-			<i>[Signature]</i>	<i>[Signature]</i>	✓
12.	ASHISH S. BORKAR	1000/-	8237244317	8329999170	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
13.	NEHA A. CHOURE	400/-	8698724597	9706756657	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
14.	RITIK R. GAJBHIYE	1000/-	9168366855	9923149204	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
15.	ROHIT R. KATOLE	1000/-	7218797146	8975992973	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
16.	MOHD. IMRAN HUSSAIN JAFARI						
17.	SAMIKSHA D. LADSE	1000/-	7887627234	9960980375	<i>[Signature]</i>	<i>[Signature]</i>	✓

18.	SAMIKSHA A. MANKAR	1000/-	8830056477	9050739845	<i>Samiksha</i>	<i>[Signature]</i>	<i>Samiksha</i>
19.	HIMANSHU K. GORE	1000/-	8668933957	8237947073	<i>Himanshu</i>	<i>[Signature]</i>	<i>Himanshu</i>
20.	SUMEDH N. SUKHDEVE	1000/-			<i>Sumedh</i>	<i>[Signature]</i>	<i>Sumedh</i>
21.	RADHIKA R. KHANTE	400/-	7276230248	9075441104	<i>Radhika</i>	<i>[Signature]</i>	<i>Radhika</i>
22.	PRIYANKA H. MISHRA	400/-	9175277087	9970934662	<i>Priyanka</i>	<i>[Signature]</i>	<i>Priyanka</i>
23.	AKSHAY S. KOTHE						
24.							
25.							

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Sr. No.	Name of Student	Amt deposited	Mobile No.		Signature	Signature of HOD	Assignment issued
			Self	Home			
1.	SACHIN S. NAIDU	1000/-	9766771724	8888667642	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
2.	PRADNYANSHU K. GAJBHIYE					<i>[Signature]</i>	<i>[Signature]</i>
3.	PRANAY D. KHEDKAR ✓	1000/-	8805608908	9764093462	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
4.	HARSH P. RAJURKAR					<i>[Signature]</i>	
5.	SANDIP R. CHAVAN ✓	1000/-	9011937572	9890306209	<i>[Signature]</i>	<i>[Signature]</i>	<i>Sandip</i>
6.	OMSHIV S. JADHAV ✓	400+600	7447246739	9604918397	<i>Jadhav</i> <i>Sandip</i>	<i>[Signature]</i>	<i>Jadhav</i>
7.	SANDIP K. HAPKA	400/-	9158156318	0712-2549339	<i>[Signature]</i>	<i>[Signature]</i>	<i>Sandip</i>

8.	NIKITA M. ZILE	1000/-	8698099024	9923362279			
9.	SHITAL F. BOPCHE	1000/-	8806741734	7798996263	Bopche		Bopche
10.	ACHAL T. SELOKAR	No form ✓	9158864889	9923231631	Belokar		Belokar
11.	APURVA Y. KADWE	✓	7559433129	7447506263			A.Y.Kadwe
12.	DHANASHREE G. KAPSE						
13.	SNEHAL S. MANDHARE	✓	8552094387	9860162466			Smandhare
14.	MAYURI S. ALONE						Alone
15.	APEKSHA A. DESHKAR	1000/-	9158018497	7276215045	Deshkar		Deshkar
16.	VAIBHAVI S. TICHKULE	1000/-	8484934429	9175267169	Tichkule		Tichkule
17.	ANUJA D. MALOKAR	400/-	9763835723	7768846083	Malokar		Malokar
18.	SHREY S. TEMBHARE						
19.	NIKITA D. KAMBLE	1000/-	8485866514	9767009860	Kamble		Kamble
20.	POOJA S. YADAV	1000/-	7709685676	9825172515	Pooja		Pooja
21.	BHAGYASHREE S. KHANDEKAR	1000/-	9518743415	8888722315	Khondekar		Khondekar
22.	VISHAL P. PATIL						
23.	SAURABH K. MARKAM						
24.							
25.							

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Sr. No.	Name of Student	Amt deposited	Mobile No.		Signature	Signature of HOD	Assignment issued
			Self	Home			
1.	HIMANSHI R. THAKRE	1000/-	7875726330	8806560975	Himank	Himank	Himank
2.	NIKITA W. YELURE	1000/-	8999079544	7620064881	Nyeh	Nyeh	Nyeh
3.	DARSHAN B. ZADE	1000/-	9657448153	9527543526	Darsh	Darsh	Darsh
4.	APURVA A. ATRAM	1000/-	9604301228	9482173182	Apurva	Apurva	Apurva
5.	APARNA V. RUSHI	1000/-	8928091500	9284428846	Aparna	Aparna	Aparna
6.	DARSHANA D. CHAFEKAR	1000/-	860582828	7887891715	Chafekar	Chafekar	Chafekar
7.	HARSHA V. YELURE	1000/-	9158970285	9134489322	Harsha	Harsha	Harsha
8.	ANKITA V. AKULWAR	1000/-	7083993234	9404079861	Ankita	Ankita	Ankita
9.	TEJAL S. RAUT	1000/-	9370196855	9765607271	Tejal	Tejal	Tejal
10.	AISHWARYA S. TEJEKAR	1000/-	8625866475	9595024994		Aishwarya	Aishwarya
11.	HARISH N. GULHANE	500+500	9527952803	9595566017	Harish	Harish	Harish
12.	PRACHI A. CHILKE	1000/-	9049237707	9423416576	Prachi	Prachi	Prachi
13. *	KUSHBOO D. WARTHE	400/-				Kushboo	Kushboo
14.	DIKSHA A. BHOYAR	1000/-	9834881641	9423041464	D.A.Bhojar	D.A.Bhojar	D.A.Bhojar
15.	SRUSHTI A. POHOKAR	1000/-	8983143758	9325589058	Srushi	Srushi	Srushi
16.	SHWETA G. WANJARI	1000/-	9075968276	9421781664	Shweta	Shweta	Shweta
17.	SMITA A. UIKEY	1000/-	7720906795	9850626754	Smita	Smita	Smita



18.	KALYANI H. CHIPADE	1000/-	914 638 9354	7895893188	Kchipade	<del>Chipade</del>	Chipade
19.	RESHMA S. RAUT	400/-				<del>Raut</del>	Raut
20.	ABOLI N. THOOL	1000/-	7045519939	7083049651	Abthool	<del>Abthool</del>	Abthool
21.	SHRUTIKA V. NIGHOT	1000/-	9168036415	7507427899	Shrutika	<del>Shrutika</del>	Shrutika
22.	<del>UJAYA WA FIALE</del>	<del>1000/-</del>			<del>Ujaya</del>	<del>Ujaya</del>	
23.							
24.							
25.							

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Sr. No.	Name of Student	Amt deposited	Mobile No.		Signature	Signature of HOD	Assignment issued
			Self	Home			
1.	SAHIL S. SHAMBHARKAR	1000/-	8411899720	8847780915	Sahil	[Signature]	Sahil
2.	DIVYANI M. DIXIT	1000/-	9011516431	7030188288	Dixit	[Signature]	Dixit
3.	ANUSHKA V. YADAV					[Signature]	✓
4.	DEVYANI A. UMATE	1000/-	7559155972	8605407605	D. Umate	[Signature]	✓
5.	PRACHI S. KORDE	400/-	9834960727	8858820675	Prachi	[Signature]	Prachi
6.	MAYURI S. WAKADE						
7.	DIVYA V. RADE						
8.	NIKITA S SINGH	1000/-	8953851167	8007391544	Nikita	[Signature]	✓
9.	KALYANI S. AKHARE	1000/-	9146541371	7507346605	Bakhare	[Signature]	Bakhare
10.	RUBAL B. NIKOSE	1000/-	9561556487	9503139321	Rubal	[Signature]	Rubal
11.	PALLAVI G. AJABALE	1000/-	9	7620092552	Ajabale	[Signature]	Ajabale
12.	VAISHNAVI A. HUDDAR	1000/-	9922216121	7517020250	Alddar	[Signature]	Alddar
13.	PUJA B. GADPELE						
14.	POOJA A. PANDEY	1000/-	8378814889	9764121072	Pandey	[Signature]	Pandey
15.	NIKHIL S. GADARE	1000/-	7276620018	8600456792	Gadare	[Signature]	Gadare
16.	SWATI Y. DHAMDE	1000/-	9767028384	8983693402	Dhamde	[Signature]	Dhamde
17.	VAISHNAVI D. KHADE	1000/-	7796784733	7021249478	Khade	[Signature]	✓

Sr. No.	Name of Student	Amt deposited	Mobile No.		Signature	Signature of HOD	Assignment issued
			Self	Home			
18.	KALYANI D. NAVNAGE						
19.	VAISHALI R. GUNJEKAR	1000/-	7387570623	9390281090	G. R. Uskelwar	G. R. Uskelwar	G. R. Uskelwar
20.	PUJA R. SINGH	1000/-	9881711248	8087777154	puja	puja	puja
21.	GAUTAMI R. USKELWAR	1000/-	9655897675	9890316606	G. R. Uskelwar	G. R. Uskelwar	G. R. Uskelwar
22.	RUKHMINI M. DABARKAR	1000/-	8421977996	9049673161	Rukh	Rukh	Rukh
23.	RUCHA R. JOSHI						
24.	YASHODHAN K. KHANDEKAR	1000/-	9049311873	9225220709	Yashodhan	Yashodhan	Yashodhan
25.	PAYAL H. PATLE	400/-	7254066681	9673214499	Patle	Patle	Patle
26.	SHRADDHA G. RAUT						
27.	PRASAD R. KULKARNI						
28.	NANDINI R. MANKAR						
29.	RUCHITA D. LUTE						
30.	ANKITA A. SINGH						
31.	DHRADDHA S. HURPATE						

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Sr. No.	Name of Student	Amt deposited	Mobile No.		Signature	Signature of HOD	Assignment issued
			Self	Home			
1.	RAJESH S. GANDHAM	1000/-	9766641849	9766354209	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
2.	SAYALI D. ITANKAR	1000/-	8856908139	8698405093	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
3. X	SALONI S. KOMAWAR <i>No form</i>	<del>1000/-</del> 0400/-	8624817623	5308675508	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
4.	TANUJA T. HALDAR	1000/-	8087740564	9225573696	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
5.	PRAGATI B. SHIVHARE	1000/-	7030435950	9975850557	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
6.	PRATIKSHA D. SHINGANE	1000/-	9028606833	9623468250	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
7.	PRANJALI M. KATE	1000/-	9805536724	9554023346	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
8.	SHRADDHA S. MOHOD	1000/-	9146371290	9423409741	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
9.	MRUNAL A. HETE	1000/-	7420873698	9763789506	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
10.	SHRIKANT S. GAIKWAD	1000/-	9504977864	8308371877	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
11.	DIKSHA V. RAMTEKE	1000/-	9370561377	7421716072	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
12.	PRERNA S. TITARMARE	1000/-	7058256706	9822580958	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
13.	DIKSHA L. SHELAR	1000/-	9284651346	9730340146	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
14.	UTKARSHA S. VERMA	1000/-	7768964832	8698842655	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
15.	PAYAL C. JAISWAL	1000/-	9766979684	7709710361	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
17.	PAPIHA Y. DHAWAS	1000/-	9146358583	9763546360	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
18.	SAPNA D. PATHADE	1000/-	7030187959	9673481355	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>

19.	NIKITA A. MOHURLE	4000/-	9390153632	9960071869	@murle	<del>Murle</del>	@murle
20.	SIMRAN V. GAJBHIYE ✓		8308355148	9970648993			Gajbhys
21.	JANVI R. KAMDI	1000/-	9146251944	9767451759	Kamdi	<del>Kamdi</del>	Kamdi
22.	PRAGATI B. KOCHHE	1000/-	7030725223	7527757298	<del>Kochhe</del>	<del>Kochhe</del>	<del>Kochhe</del>
23. ✓	<del>VIJAYA J. WAGHALE</del> ✓	1000/-					
24.	DIVYA D. THAKRE						
25.	PRIYANKA R. TIWARI						<del>Tiwari</del>
26.	ZEENAT M. ANJUM ✗		7887762118	9421814348			Zeenat.

**MEMORANDUM OF UNDERSTANDING**

This Memorandum of Understanding ("MOU") is made on the ~~30~~ day of May 2018 at Pune

by and between

Quick Heal Foundation, registered under Bombay Public Trusts Act 1950 and obtained a registration under section 21 of the said Act, having its registered office 603 Mayfair Tower II, Wakdewadi, Shivaji Nagar Pune 411005, (hereinafter referred to as "**First Party /QHF**" which expression shall, unless it be repugnant to the subject or context thereof, include its successors and permitted assigns) acting through its authorized representative Mr. Ajay Shirke, the Authorized Signatory, of QHF.

AND

**Dhrampeth M. P. Deo memorial Science College** having its registered office at:- Near Ambazari lake, North Ambazari road, Nagpur-440033, Maharashtra, INDIA. (hereinafter referred to as "**Second Party / DMPDMSC**" which expression shall, unless it be repugnant to the subject or context thereof, include its successors and permitted assigns) acting through its authorized representative Dr. Akhilesh Peshwe, the Principal of Dhrampeth M. P. Deo memorial Science College.

QHF and DMPDMSC are hereinafter individually referred to as "**Party**" and collectively as "**Parties**".

**WHEREAS,**

- A. QHF is a non-profit, non-religious, non-political organization involved in social work with one of its key area creating cyber awareness among school children and college students by conducting seminars and workshops free of cost.
- B. DMPDMSC is affiliated to University;
- C. DMPDMSC is recognized for its work, inter alia, in the development of human values in the past many years. The detailed objectives which CALC proposes to achieve are set out in Schedule I of this MoU ("hereinafter referred to as "Project").



Contact Person: **Mr. Ajay Shirke**

Mobile: +91 7028012479 | Email: ajay.shirke@quickhealfoundation.org

- D. For the purpose of implementing the Project, first party has submitted a Project Proposal dated 1st April 2018 to second party under the scheme/Project CALC to the tune of Rs. (Not applicable) As per schedule III as a grant which shall be utilized by second party for meeting the Project Cost (more particularly set out in Schedule III).
- E. Therefore, to further the objectives of the Project under CALC, QHF has agreed to provide upto a sum of Rs. (Not applicable) As per schedule III as grant ("Grant Amount"). The Grant Amount shall be provided to Second Party only after successfully and satisfactory implementation of the Project;

NOW THEREFORE, THESE PRESENTS WITNESSES AS FOLLOWS:

#### I. DEFINITIONS

1.1 In this MoU, unless the context otherwise so requires, the following expressions shall have the meanings as set out against each of it, v.i.z.:

- (i) "**Authority**" shall mean and include any applicable legislative body, regulatory or administrative authority, agency or commission, or any court, board, bureau, instrumentality, tribunal, or judicial or quasi-judicial or arbitral body having authority of law;
- (ii) "**Business Day**" shall mean a day on which the office of the First Party as described in this MoU, or such other office as may be notified by the First Party to the Second Party, is open for normal business transactions;
- (iii) "**Constitutional Documents**" shall mean the registration documents of Second Party filed at the time of its registration and any amendments thereto;
- (iv) "**Facility Agreements/Documents**" shall collectively mean and include this MoU, CSR Guidelines, Project Proposal, Proposal Documents, Project Approval, Board Resolutions issued by the First Party in respect of Grant Amount to the Second Party and all or any other MoUs, instruments, undertakings, deeds, writings and other documents executed or entered into, or to be executed or entered into by the Second Party and/or any other person (whether financing, security or otherwise) in relation to or pertaining to the transactions contemplated by or under this MoU and/or the other Facility Agreements, as amended from time to time;
- (v) "**Grant Amount**" shall mean an amount of a sum up to Rs. As per schedule III, which the First Party had agreed to provide to the Second Party for the implementation of the Project;
- (vi) "**Project Monitor**" shall mean an authorized person appointed from time to time by the First Party from time to time at its sole discretion for the purpose of monitoring and inspection of the implementation of the Project under this MoU;
- (vii) "**Law**" shall mean and include any statute, law, treaties, rule, regulation, ordinance, guideline, notification or any requirement, restriction, authorization, order, directive, permit, judgment, decree having the force of law and shall include any re-enactment, substitution or amendment thereof that is applicable to any transactions contemplated herein and/or to any other Facility Agreement, and/or to any of the respective Parties



to this MoU and/or any Facility Agreements. The term 'Law' shall not include the Governing Law;

- (viii) **"Material Adverse Effect"** shall mean the effect or consequence of any event or circumstance which, is or is likely to be detrimental to or to adversely affect the ability of either Party to perform or comply with any of their respective obligations under this MoU;
- (ix) **"Project Approval"** shall mean the approval granted in response to the Project Proposal mentioning *inter-alia* the amount.;
- (x) **"Project Documents"** shall mean all the manuals, records, registers and all other documents maintained by the Second Party exclusively in relation to the implementation and progress of the Project;
- (xi) **"Project Monitoring Report"** shall mean the report containing the monitoring and status of implementation of the Project on various parameters as per terms of this MoU including but not limited to the provisioning of travel, boarding and lodging to the student/participant by the Second Party, training provided to the student/participant, provisioning of internship opportunities to the student/participant during the course of training with or without basic stipend;
- (xii) **"Project Proposal"** shall mean the proposal submitted by the Second Party for the Grant Amount required for implementing the Project, mentioning *inter-alia* the project cost, benefits from the Project etc., the copy of the same is annexed herewith as Schedule V;
- (xiii) **"Schedule(s)"** means the Schedule(s) to this MoU and which forms an integral part of this MoU;
- (xiv) **"Taxes"** shall mean and include all present and future taxes, levies, imposts, duties or charges of a similar nature whatsoever imposed or exempted by any Authority;
- (xv) **"Term"** shall have the meaning ascribed to it under Article V;
- (xvi) **"Certificate"** shall mean the certificate to be submitted by the Second Party at the end of every quarter on the progress/update on the Project.

## II. GENERAL TERMS

- 2.1 (i) The First Party hereby agrees to release the Grant Amount up to a sum of Rs. (Not applicable) As per schedule III on successfully and satisfactory completion of the Project.;
- (ii) The Second Party further agrees to perform the Project as per the Project Proposal and shall comply with the said guidelines and amendments thereto, if any;
- (iii) The Second Party shall select students/participants in the Project in accordance with the student/participant eligibility criteria as detailed in Schedule II. It is however clarified that such selection of students/participants shall be as per Second Party's requirements and at its sole discretion thereto.
- (iv) The disbursements of the Grant Amount shall be made by the First Party as per the disbursement schedule provided in Schedule III of this MoU;





- (v) The disbursements shall be credited by the First Party into a separate/ designated bank account of the Second Party for grants disbursed under this MoU. All the related collection/remittance/other charges in relation to obtaining the Grant Amount will be borne by the Second Party;
- (vi) The First Party, in its own discretion, may reduce the Grant Amount, for each student/participant that withdraws from the Project and is not replaced by the Second Party, by average participant cost as detailed in Schedule III for the period that a place was unfilled. The First Party shall however be obliged to reimburse all amounts incurred by the Second Party in respect of such withdrawn (and not replaced) student. In addition, any excess amounts incurred by the Second Party in relation to the training for the incumbent student shall also be reimbursed by the First Party;
- (vii) The Second Party shall be severally liable to comply and fulfill all its obligations under this MoU;
- (viii) If the Second Party fails, omits or neglects to observe or perform or commits or allows to be committed a breach of any of the terms, conditions, provisions or stipulations of this MoU or in connection with any other Facility Agreements on its part to be observed and performed or in case of occurrence of any Material Adverse Effect ("Default"), then the First Party shall give written notice to Second Party to rectify the said default within a period of 30 days, failing which the First Party shall be entitled to initiate appropriate legal proceedings including termination along with damages, interests and expenses without prejudice to any other right or remedy which the First Party may have under this MoU or otherwise in law..
- (ix) The Second Party agrees that if as a result of review by the First Party or 'Project Monitor', it is of the opinion that the Second Party has not implemented/nor is likely to implement the Project within the Project Cost as provided in Schedule III and/or in accordance with the financing plan as per the Project Proposal, the First Party shall be entitled to terminate this MoU;
- (x) Notwithstanding termination of this MoU, the Second Party's obligations shall be limited only to complete the training to the enrolled students/participants of the Project as per the Project Proposal for which the First Party shall reimburse the accrued costs as per the terms and conditions of this MoU. It is further agreed that in the event of termination of the MOU, the Second Party shall not be under any obligation to continue enrolment of any new students/participants;
- (xi) The Second Party may apply and/or obtain any loan or further grant from any third party during the term of this MoU in respect of the Purpose/Project only with the prior written approval of First Party other than what has been approved in the Project Proposal;
- (xii) The Second Party shall submit all necessary and relevant documents as per the Project Proposal to the complete satisfaction of the First Party and shall submit a certificate within one month of the completion of the training to the students enrolled under the Project.



### III. SECOND PARTY'S REPRESENTATIONS AND WARRANTIES

3.1 Second Party hereby makes the following representations, warranties and confirmations; and state that the same are true, correct, valid and subsisting in every respect as on the date of this MoU and shall remain true, correct, valid and subsisting in every respect as on the date of each disbursement by the First Party hereunder:-

- i) That the information given in the Project Proposal and any prior or subsequent information or explanation furnished by the Second Party to the First Party are true, bona fide and accurate in all material respects.
- ii) That the Second Party is duly incorporated and validly existing under the Laws of India and is in compliance of all applicable laws and possesses all statutory approvals and compliance for the execution of this MoU and the other Facility Agreements and for implementation of the Project.
- iii) That the Second Party does not violate any covenants, conditions and stipulations of any of its existing agreement and shall at all times abide by all the terms and conditions of this MoU and other Facility Agreement(s).
- iv) It has the necessary infrastructure and assistance of high reputes along with appropriate content, technical inputs and instruments required for implementing the Project.

### IV. COVENANTS

4.1 During the subsistence of this Project and/or the MoU, the Second Party hereby agrees to:

**(i) Promptly notify the First Party;**

- (a) of any event or circumstance which would, or is likely to, result in any of the representations and warranties made by the Second Party hereunder becoming untrue, incorrect or misleading in any manner;
- (b) of any circumstance or event which would, or is likely to interfere in/prevent/delay the proper implementation of the Project, or other similar happenings likely to have a Material Adverse Effect on the Project;
- (c) of any material loss or damage which the Second Party may suffer due to any event, circumstances or act of God;

**(ii) Deliver to the First Party:**

- (a) Project Monitoring/Implementation Reports agreed upon by both parties shall be submitted by the Second Party to the First Party demonstrating the status of the Project every quarter on the Second Party letter head; any other document as may be reasonably required by the First Party to implement the Project as per the terms of this MoU.

### V. TERM AND TERMINATION

5.1 This MoU shall be effective from 1-April-18 ("Effective Date") and shall continue to be in effect for a period of 12 months till 31-March-19 or completion of the Project whichever is earlier ("Term"). However, upon expiry of the Term, the Parties may renew this Agreement for further period on mutually agreed terms and conditions.



5.2 The First Party may terminate or suspend this MoU, upon Fifteen (15) days written notice to the Second Party, in whole or in part for any material breach committed by the Second Party or upon happening of an event of Default under this MoU. Provided, that any portion of this MoU that is not terminated or suspended shall remain in force and effect.

#### **VI. ASSIGNMENT**

6.1 The Second Party shall not be entitled to assign any of its rights, benefits or obligations under this MoU and/or any other Facility Agreements without written consent of the First Party;

6.2 Save as aforesaid, this MoU shall be binding upon and shall ensure for the benefit of the First Party and its successors in title and assigns and the Second Party and its successors in title.

#### **VII. GENERAL**

7.1 Any notice by one Party to the other Party shall be in writing and posted, delivered personally with proper acknowledgment or sent by courier, registered or certified mail or facsimile transmission to the Second Party's last known address and/or the address as specified hereto.

##### **First Party: QUICK HEAL FOUNDATION**

Registered office: Quick Heal Technologies Pvt. Ltd.,

Office No. 603 , Mayfair Tower 2, Wakdewadi Shivaji Nagar Pune - 411 004

Kind Attn.: Mr. Ajay Shirke

Fax & E-mail: [ajay.shirke@quickhealfoundation.org](mailto:ajay.shirke@quickhealfoundation.org)

##### **Second Party: Dharampeth M. P. Deo Memorial Science College**

Registered office: Near Ambazari Lake, North Ambazari Road, Nagpur - 440033

Kind Attn.: Dr. Akhilesh Peshwe

Phone no. & E-mail: 9422313334 / [akhileshpeshwe@yahoo.com](mailto:akhileshpeshwe@yahoo.com)

##### **Single Point of contact (SPOC) Person: Dr. (Mrs.) Varsha Rangari**

Phone no. & E-mail: 9890364522 / [rangarivarsha1@gmail.com](mailto:rangarivarsha1@gmail.com)

7.2 Time shall be the essence of this MoU in so far as it relates to the observance or performance by the Second Party of all or any of its obligations hereunder.

7.3 This MoU represents the entire MoU in respect of the Grant Amount between the parties and shall be capable of variation in writing by a note of amendment ("**Note of Amendment**") signed by an authorized representative on behalf of the First Party and the Second Party.

7.4 This MoU shall be governed and interpreted by, and construed in accordance with the laws of India. The parties hereto agree that the courts at Pune will have exclusive jurisdiction over the disputes arising out of this MoU.

7.5 The Parties understand and agree that in the course of Project execution under this MoU, it may have access to the documents which is confidential in nature. The Parties and its representative/employees shall be bound by the confidentiality obligations.

7.6 Parties acknowledges and agrees that either Party shall be the sole and exclusive owner of all its own work product and all patents, inventions, copyrights, trademarks, trade secrets,



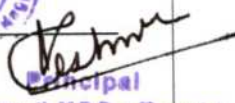



computer software code, confidential information and other intellectual property or proprietary rights as may exist before the execution of this MoU.

#### 7.7 Dispute Resolution

- a) Any claims, dispute and or difference (including a dispute regarding the existence, validity or termination of this MoU) arising out of, or relating to this MoU including interpretation of its terms will be resolved through joint discussions of the Authorized Representatives of the Parties.
- b) If any such claim, dispute or difference cannot be resolved through such joint discussions within 30 (thirty) days of the date of the notice of such dispute, then the matter will be referred for adjudication to the arbitration by nominating one Arbitrator mutually by Parties, and finally resolved by arbitration in Pune, India.
- c) Arbitration proceedings shall be conducted in accordance with the provisions of the Arbitration and Conciliation Act, 1996 for the time being in force which provisions are deemed to be incorporated by reference into this clause.
- d) The language of the arbitration shall be English. The award shall be final and binding on Parties.
- e) Where reference to the courts is necessary, the Parties hereby submit to the exclusive jurisdiction of the courts at Pune, India.

IN WITNESS THEREOF THE PARTIES IN THEIR FREE VOLITION AND FULL UNDERSTANDING WITH THE INTENT TO LEGALLY BIND THEMSELVES TO THIS MOU EXECUTE THIS MOU THROUGH THEIR DULY AUTHORIZED PERSONNEL'S

<p>SIGNED SEALED AND DELIVERED For "QUICK HEAL FOUNDATION"</p> <p></p> <p>Name: Mr. Ajay Shirke Designation: Manager, CSR</p> <p></p>	<p>SIGNED SEALED AND DELIVERED For "Dharampeth M. P. Deo Memorial Science College"</p> <p></p> <p>Name: Dr. Akhilesh Peshwe Designation: Principal</p> <p></p> <p>Dharampeth M.P. Deo Memorial Science College, NAGPUR</p>
<p>Witness</p> <p></p> <p>Name: Dr. Mrs. A.S. Kulkarni Designation: HoD, Microbio, Associ. Prof.</p>	<p>Witness</p> <p>Name: Designation:</p>

## SCHEDULE I

### ACTIVITIES CONDUCTED

1. Online course on "Cyber Security Awareness"

Objective:

to create cyber security awareness among youths by teaching them netiquettes and prevent them from getting victimized from cyber criminals not indulged in any activity which leads to cyber crime

2. Earn & Learn Scheme:

Objective:

To appoint IT students as volunteers and groom them by giving required training of personality development which includes public speaking skills, confidence building, presentation skills and team building and spread cyber security awareness among school children through them. Stipend to be paid for it along with intern certificate on successful completion of the activity.

3. Faculty Development Program

Objective:

To develop professional "C, C++" Programmers required by IT security industry by training computer science faculties as per the IT industry norms free of cost. The faculties will train the students as per industry standards and make them job ready which will increase employment in turn reduce in-house training time of industry.

4. Web Portal (Regular / Impact Partner)

Objective:

To use & contribute to web portal contents on "C Language" to enhance skills of computer science students required to serve in IT security industry.

## SCHEDULE II

### ELIGIBILITY CRITERIA FOR STUDENTS / PARTICIPANTS IN THE PROJECT

a. ELIGIBLE STUDENTS/PARTICIPANTS:

- a. For Online Exam: Eligible student should be student of BCA, B.Sc.(CS/IT), MCA or M.Sc.(CS/IT), BE Full-time course
- b. For Earn & Learn Scheme: Eligible student should be student of BCA, B.Sc.(CS/IT), MCA or M.Sc.(CS/IT), BE Full-time course
- c. For FDP: Eligible faculty should be teaching C, C++ in current / previous academic year.
- d. For Web Portal: All computer Science students



- b. Web Portal Impact Partners
  - a. Should provide infrastructure to Quick Heal trainer to conduct training of students (5 Hrs)
  - b. Continuously monitor the parameters and update Quick Heal Foundation on the same as and when required.

### SCHEDULE III

#### PROJECT COST & DISBURSEMENT SCHEDULE

1. Rs. 500/- Stipend per presentation for student volunteer working under Earn & Learn scheme and successfully completed 5 presentations where each presentation has at least 200 participants.
2. Rs. 200/- per presentation for faculty / college to take ownership of monitoring conduction of successful presentations by students and reporting in prescribed format to QHF.
3. Disbursement of payment will be done only after receipt of required documents.
4. Presentations must be done with Quick Heal Foundation's banner.
5. Feedback forms must have signature and stamp of school authority.
6. In-charge - Faculty deputed to monitor Earn & Learn activity must monitor presentation schedule and inform it to QHF time to time

### SCHEDULE IV

#### PROJECT PROPOSAL

To form Cyber Awareness Literacy Cell (CALC) in college and to conduct following activities:

**1. Online course on "Cyber Security Awareness"**

- a. Enroll for course
- b. Download course ware & Study
- c. Appear for online test
- d. Receive e-Certificate for participation

Number of beneficiary: students pursuing BCA, B.Sc. (CS/IT), MCA, M.Sc.(CS/IT)

**2. Earn & Learn Scheme:**

- a. To select volunteers.
- b. Train them to give presentations in schools.
- c. Provide volunteers with banner, presentation's soft copy and feedback form, permission letter format
- d. Provide faculty in charge with formats of reporting
- e. Volunteers collect feedback from school authority after presentation
- f. Faculty in charge submits all reports to QHF



- g. Quick Heal foundation transfers amount due to college account
  - h. Stipend is paid to volunteers
  - i. Signed vouchers to be submitted to QHF
  - j. QHF issues internship letter to volunteers
- Number of beneficiary: Will be decided by mutual consent

**3. Faculty Development Program**

- a. QHF trainer will train faculties to enhance skill-set as per industry requirement
- b. Faculties will train students as per guidelines of QHF trainer

**4. Web Portal Impact Partner:**

- a. Provide required details of placement and result for last 2 years
- b. Enroll students on web portal
- c. Provide required infrastructure (As per schedule II) to QHF trainer
- d. Select students participating in training, monitor progress and report to Quick Heal Foundation
- e. Conduct competitions

**SCHEDULE IV**

**ACTIVITES AGREED TO CONDUCT**

- 1. Online course on "Cyber Security Awareness"
- 2. Earn & Learn Scheme
- 3. Faculty Development Program
- 4. Web portal Impact / ordinary partner





**^Dharampeth M. P. Deo Memorial Science  
College, Nagpur  
Academic Session: 2018-19**

1)	Name of the Department	:	Electronics
2)	Name of the Activity	:	Inter collegiate Training Program
3)	Date	:	10 <sup>th</sup> August 2018
4)	Class	:	Different College B. Sc students.
5)	Teacher In charge	:	Dr. V. V. Rangari
6)	Name of Resource Person	:	Mrs. Sugandha Dani, Executive, CSR, Quick Heal Foundation, Pune
7)	Topic	:	“ Cyber Awareness”
8)	Venue	:	Abdul Kalam Hall
9)	Number of students participated	:	63 students from 5 Colleges
10)	Outcome	:	Feedback of the session was taken. Two students from each college expressed their views. Almost all students felt that workshops are necessary to learn new technology and found the program meaningful. They also said that the lecture by trainer was good. All said they will attend such type of workshops/training program in future. They are excited to spread awareness not only in school and colleges but also in home and in society.
11	DVV		Yes
12	PHOTOS		





Dr. Ratnakar Lanjewar

IQAC Coordinator

**CO ORDINATOR**  
INTERNAL QUALITY ASSURANCE CELL  
DHARAMPETH, M. P. DEO MEMORIAL &  
SCIENCE COLLEGE, NAGPUR

Name and signature of Teacher In-charge

Dr. Akhilesh Peshwe


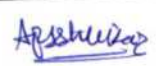

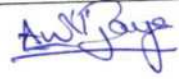


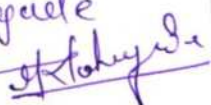
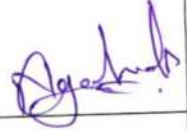



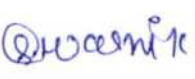


Principal

**Principal**  
Dharampeth M.P. Deo Memorial  
Science College, Nagpur.

**Dharampeth M. P. Deo Memorial Science College, Nagpur**  
(In Collaboration with Quick Heal Foundation, Pune)

**Training Program  
On  
"Cyber Awareness"**

Date: 10<sup>th</sup> August 2018

Name of the College	SPOC Person Name, Signature & contact Number	Volunteers Name, Signature & contact Number
Dharampeth M. P. Deo Memorial Science College, Nagpur.	Dr. V. V. Rangari Rangari 9890364522	Pranav. Ashtekar  8698748807.
		Aniruddha P. Ashtekar  9604773817, 8087436626
		PARAS C. BARIHELE  8459549609
		Atharva Vijayon  9921141112
		Suresh Gosewale  7276015029
		Pranay Nimbulkar  7038619339
		Mayuri A. Chokergaule  8552025171
		Nihal. G. Grohoda  9673258237
		Tanay. H. Sakharwale  9970909633
		Pratiksha Kinde  7875235160
		Prajakta V. Kale  7397929788
		Saloni S. Wasnik  9834171099
Shreelika Chafale  7028820057		
Srushti Dhote  9145252077		

**Dharampeth M. P. Deo Memorial Science College, Nagpur**  
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**Training Program**  
**On**  
**"Cyber Awareness"**


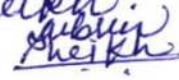

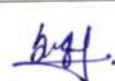


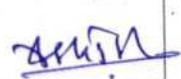
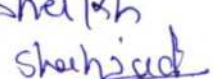
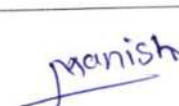



Date: 10<sup>th</sup> August 2018

Name of the College	SPOC Person Name, Signature & contact Number	Volunteers Name, Signature & contact Number
Institute of science collage	Priyanka Thantthorade <u>Phantthorade</u> 8657511803	Shirish Maske <u>Shirish</u> 8412012445
		Anuja S. Deshpande <u>Deshpande</u> - 9146817428
		Rahul Bendre <u>Bendre</u> - 9545277035
		Bhushan Abhange <u>Abhange</u> 8007424416
		Bragati Bavistale <u>Bavistale</u> 7249213832
		Priatiksha Laxane <u>Laxane</u> 8446133624
		Kanchan Bawankar <u>Bawankar</u> 7507738972
		Samiksha La Futane <u>Futane</u> 7083827256
		Mehul V. Vaidya <u>Mehul</u> 7028300763
		Minakshi R. Sawarkar <u>Minakshi</u> 7058187177

**Dharampeth M. P. Deo Memorial Science College, Nagpur**  
(In Collaboration with Quick Heal Foundation, Pune)

**Training Program  
On  
"Cyber Awareness"**

Date: 10<sup>th</sup> August 2018

Name of the College	SPOC Person Name, Signature & contact Number	Volunteers Name, Signature & contact Number
S. S. Maniar College of Computer & Management Nagpur-35	Atul S. Anotkar  9665235351	Sampada G. Kadav
		Shreya P. Kurade
		Subin M. Sheikh. 7249543483 
		Kamalpreet R. Taak 7508803435 
		Shital D. Sharnagat 9049333393 
		Aditya Gawhane 9764039510 
		Akash G. Shukla 9145566615/7768803830 
		Ashish K. Vishwakarma 9011807762 
		Shahjad Salam Sheikh 9168086796 
		Manish B. Varma 9172547145 
		SWAPNIL S. PARATE 8237344363 
		SANKET MESHARAM 9284538886 
ROHAN SINGH 9833613168 		

**Dharampeth M. P. Deo Memorial Science College, Nagpur**  
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**Training Program  
On  
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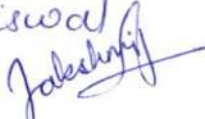
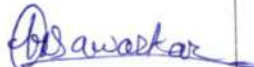
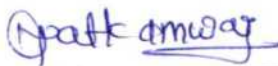




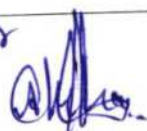
Date: 10<sup>th</sup> August 2018

Name of the College	SPOC Person Name, Signature & contact Number	Volunteers Name, Signature & contact Number
D.Y. Ambedkar College, Nagpur.	Winit Anandwar Winit 9767939131	Shweta Kanajiya - 9021923982 <u>Kanajiya</u>
		Yogini Patle - 7387927050 <u>Patle</u>
		Shweta A Magarde - 9156321331 <u>Magarde</u>
		Pooja Chude 9145511995 <u>Chude</u>
		Varsha Nagle 9579722531 <u>varshagle</u>
		Swabhi Walde 8208171683 <u>Walde</u>
		Sheetal Wankhede 9673890056 <u>Sheetal</u>
		Paresh Ghosh 8793756358 <u>Paresh</u>
		Priemkumar Bhoskar 9552818289 <u>Priemkumar</u>

**Dharampeth M. P. Deo Memorial Science College, Nagpur**  
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**Training Program  
On  
"Cyber Awareness"**

Date: 10<sup>th</sup> August 2018

Name of the College	SPOC Person Name, Signature & contact Number	Volunteers Name, Signature & contact Number
Seth Kesarimal Porwal Willage of Arts, Science and Commerce, Kamptee	Dr. Kishor M. Dhole 9823666359 	Swarnashree. S. Vedula.  9182387735
		Nandini Gaingan. Gaiganiye 9146446168 
		Aditya khoswade 8237277351 
		Abhit. A. Karamkar 9011799190 
		Kalpana K. Titamare Titamare 8007356279
		Lakshmi Kishan Jaiswal 7517020798 
		Grawi Sawarkar 7385393694 
		Nilima N. Patkamwar 9561576505 
		Nutan R. Shrikundwar 8698758275 
		Suresha. V. Chirkate 8669769886 
		Kiran R. Rahangdale 7066861291 
		Huma Kausar 7030299068 
AKshay. A. Sangewar 8390382837 		



Dharampeth M. P. Deo Memorial Science College, Nagpur

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Feedback Form

Training Program

On

Cyber awareness

1. Was this workshop necessary for you to learn newer technology?

Yes/~~No~~

2. Was the technical content share with you meaningful?

Yes/~~No~~

3. How do you find the delivery of lecture by the trainer of the workshop.

Very good/ Good/~~Average~~/ Satisfactory

4. In what way you feel that you can contribute in spreading awareness amongst the society.

*First of all I'll change my own hobby for using excess of internet, then I'll guide the other people*

5. Would you be interested in participating such type of workshop in future.

Yes/~~No~~



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Feedback Form

Training Program

On

Cyber awareness

1. Was this workshop necessary for you to learn newer technology?  Yes/No
2. Was the technical content share with you meaningful?  Yes/No
3. How do you find the delivery of lecture by the trainer of the workshop.  
Very good/ Good / Average/ Satisfactory
4. In what way you feel that you can contribute in spreading awareness amongst the society.  
By making them know whats happening in the recent world like viruses & many others
5. Would you be interested in participating such type of workshop in future.  Yes/No

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Feedback Form

Training Program

On

Cyber awareness

1. Was this workshop necessary for you to learn newer technology?  Yes/No
2. Was the technical content share with you meaningful?  Yes/No
3. How do you find the delivery of lecture by the trainer of the workshop.  
Very  good/ Good / Average/ Satisfactory
4. In what way you feel that you can contribute in spreading awareness amongst the society.  
By conducting workshops.
5. Would you be interested in participating such type of workshop in future.  Yes/No

Dharampeth M. P. Deo Memorial Science College, Nagpur

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Feedback Form

Training Program

On

Cyber awareness

1. Was this workshop necessary for you to learn newer technology?  Yes/No
2. Was the technical content share with you meaningful?  Yes/No
3. How do you find the delivery of lecture by the trainer of the workshop.  
Very good/ Good / Average/ Satisfactory
4. In what way you feel that you can contribute in spreading awareness amongst the society.  
By starting from 1st Home, (ie brother, sis) etc.  
then in society & students etc
5. Would you be interested in participating such type of workshop in future.  Yes/No

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Feedback Form

Training Program

On

Cyber awareness

1. Was this workshop necessary for you to learn newer technology?  Yes/No
2. Was the technical content share with you meaningful?  Yes/No
3. How do you find the delivery of lecture by the trainer of the workshop.  
 Very good/ Good / Average/ Satisfactory
4. In what way you feel that you can contribute in spreading awareness amongst the society.  
\_\_\_\_\_  
\_\_\_\_\_
5. Would you be interested in participating such type of workshop in future.  Yes/No

Dharampeth M. P. Deo Memorial Science College, Nagpur  
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Feedback Form  
Training Program  
On  
Cyber awareness

1. Was this workshop necessary for you to learn newer technology?  Yes/No
2. Was the technical content share with you meaningful?  Yes/No
3. How do you find the delivery of lecture by the trainer of the workshop.  
Very good/ Good / Average/ Satisfactory
4. In what way you feel that you can contribute in spreading awareness amongst the society.  
by group discussion.
5. Would you be interested in participating such type of workshop in future.  Yes/No

Dharampeth M. P. Deo Memorial Science College, Nagpur

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Feedback Form

Training Program

On

Cyber awareness

1. Was this workshop necessary for you to learn newer technology?  Yes/No

2. Was the technical content share with you meaningful?  Yes/No

3. How do you find the delivery of lecture by the trainer of the workshop.

Very good/ Good / Average/ Satisfactory

4. In what way you feel that you can contribute in spreading awareness amongst the society.

I feel can contribute in spreading awareness amongst the society very much & meaningful nets.

5. Would you be interested in participating such type of workshop in future.  Yes/No

Dharampeth M. P. Deo Memorial Science College, Nagpur

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Feedback Form

Training Program

On

Cyber awareness

1. Was this workshop necessary for you to learn newer technology?

✓  
Yes/No

2. Was the technical content share with you meaningful?

✓  
Yes/No

3. How do you find the delivery of lecture by the trainer of the workshop.

✓  
Very good/ Good / Average/ Satisfactory

4. In what way you feel that you can contribute in spreading awareness amongst the society.

by taking an awareness camp in society.

By taking advertisement & viral it on TV or any other way.

5. Would you be interested in participating such type of workshop in future.

✓  
Yes/No

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Feedback Form

Training Program

On

Cyber awareness

1. Was this workshop necessary for you to learn newer technology?  Yes/No
2. Was the technical content share with you meaningful?  Yes/No
3. How do you find the delivery of lecture by the trainer of the workshop.  
Very good/ Good / Average/ Satisfactory
4. In what way you feel that you can contribute in spreading awareness amongst the society.  
By making small videos on cyber crimes
5. Would you be interested in participating such type of workshop in future.  Yes/No



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Feedback Form  
Training Program  
On  
Cyber awareness

1. Was this workshop necessary for you to learn newer technology?  Yes/No
2. Was the technical content share with you meaningful?  Yes/No
3. How do you find the delivery of lecture by the trainer of the workshop.  
Very good/ Good / Average/ Satisfactory
4. In what way you feel that you can contribute in spreading awareness amongst the society.  
spread awariness in family
5. Would you be interested in participating such type of workshop in future.  Yes/No

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Feedback Form

Training Program

On

Cyber awareness

1. Was this workshop necessary for you to learn newer technology? Yes/No
2. Was the technical content share with you meaningful? Yes/No
3. How do you find the delivery of lecture by the trainer of the workshop.  
Very good/ Good / Average/ Satisfactory
4. In what way you feel that you can contribute in spreading awareness amongst the society.  
Start from family and Mr Previous  
(school).
5. Would you be interested in participating such type of workshop in future. Yes/No

Dharampeth M. P. Deo Memorial Science College, Nagpur

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Feedback Form

Training Program

On

Cyber awareness

1. Was this workshop necessary for you to learn newer technology? Yes/No ✓
2. Was the technical content share with you meaningful? Yes/No ✓
3. How do you find the delivery of lecture by the trainer of the workshop.  
Very good/ Good / Average/ Satisfactory ✓
4. In what way you feel that you can contribute in spreading awareness amongst the society.  
\_\_\_\_\_  
\_\_\_\_\_
5. Would you be interested in participating such type of workshop in future. Yes/No ✓

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Feedback Form

Training Program

On

Cyber awareness

1. Was this workshop necessary for you to learn newer technology?  Yes/No
2. Was the technical content share with you meaningful?  Yes/No
3. How do you find the delivery of lecture by the trainer of the workshop.  
Very good/ Good / Average/ Satisfactory
4. In what way you feel that you can contribute in spreading awareness amongst the society.  
I by give the presentation of students, colleges,  
and family
5. Would you be interested in participating such type of workshop in future.  Yes/No

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Feedback Form

Training Program

On

Cyber awareness

1. Was this workshop necessary for you to learn newer technology?  Yes/No
2. Was the technical content share with you meaningful?  Yes/No
3. How do you find the delivery of lecture by the trainer of the workshop.  
 Very good/ Good / Average/ Satisfactory
4. In what way you feel that you can contribute in spreading awareness amongst the society.  
By giving presentation to the students, colleagues,  
and family members.
5. Would you be interested in participating such type of workshop in future.  Yes/No

Dharampeth M. P. Deo Memorial Science College, Nagpur

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Feedback Form

Training Program

On

Cyber awareness

1. Was this workshop necessary for you to learn newer technology?  Yes/No
2. Was the technical content share with you meaningful?  Yes/No
3. How do you find the delivery of lecture by the trainer of the workshop.  
 Very good/ Good / Average/ Satisfactory
4. In what way you feel that you can contribute in spreading awareness amongst the society.  
by give presentation in few colleges, schools,
5. Would you be interested in participating such type of workshop in future.  Yes/No

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Feedback Form

Training Program

On

Cyber awareness

1. Was this workshop necessary for you to learn newer technology?  Yes/No
2. Was the technical content share with you meaningful?  Yes/No
3. How do you find the delivery of lecture by the trainer of the workshop.  
Very  good/ Good / Average/ Satisfactory
4. In what way you feel that you can contribute in spreading awareness amongst the society.  
Answer conversation & interaction with them.
5. Would you be interested in participating such type of workshop in future.  Yes/No

Dharampeth M. P. Deo Memorial Science College, Nagpur

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Feedback Form

Training Program

On

Cyber awareness

1. Was this workshop necessary for you to learn newer technology?  Yes/No
2. Was the technical content share with you meaningful?  Yes/No
3. How do you find the delivery of lecture by the trainer of the workshop.  
 Very good/ Good / Average/ Satisfactory
4. In what way you feel that you can contribute in spreading awareness amongst the society.  
First of all i start with my self &  
spread over to my friend.
5. Would you be interested in participating such type of workshop in future.  Yes/No



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Feedback Form  
Training Program  
On  
Cyber awareness

1. Was this workshop necessary for you to learn newer technology? Yes/No ✓
2. Was the technical content share with you meaningful? Yes/No ✓
3. How do you find the delivery of lecture by the trainer of the workshop.  
Very good/ Good / Average/ Satisfactory ✓
4. In what way you feel that you can contribute in spreading awareness amongst the society.  
By telling our friends and family members
5. Would you be interested in participating such type of workshop in future. Yes/No ✓

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Feedback Form  
Training Program  
On  
Cyber awareness

1. Was this workshop necessary for you to learn newer technology?  Yes/No
2. Was the technical content share with you meaningful?  Yes/No
3. How do you find the delivery of lecture by the trainer of the workshop.  
Very good/  Good / Average/ Satisfactory
4. In what way you feel that you can contribute in spreading awareness amongst the society.  
By expressing the knowledge which we get by these session.
5. Would you be interested in participating such type of workshop in future.  Yes/No

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Feedback Form

Training Program

On

Cyber awareness

1. Was this workshop necessary for you to learn newer technology?  Yes/No
2. Was the technical content share with you meaningful?  Yes/No
3. How do you find the delivery of lecture by the trainer of the workshop.  
Very good / Good / Average / Satisfactory
4. In what way you feel that you can contribute in spreading awareness amongst the society.  
by giving basic knowlage about that which give nam in this session
5. Would you be interested in participating such type of workshop in future.  Yes/No

Dharampeth M. P. Deo Memorial Science College, Nagpur

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Feedback Form

Training Program

On

Cyber awareness

1. Was this workshop necessary for you to learn newer technology?

Yes/~~No~~

2. Was the technical content share with you meaningful?

Yes/~~No~~

3. How do you find the delivery of lecture by the trainer of the workshop.

Very good/ Good / Average/ Satisfactory

4. In what way you feel that you can contribute in spreading awareness amongst the society.

I got most important information by this program.

5. Would you be interested in participating such type of workshop in future.

Yes/~~No~~

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Feedback Form  
Training Program  
On  
Cyber awareness

1. Was this workshop necessary for you to learn newer technology? Yes/No
2. Was the technical content share with you meaningful? Yes/No
3. How do you find the delivery of lecture by the trainer of the workshop.  
Very good/ Good / Average/ Satisfactory
4. In what way you feel that you can contribute in spreading awareness amongst the society.  
It's important to explore every one  
who interact with the internet.
5. Would you be interested in participating such type of workshop in future. Yes/No

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Feedback Form  
Training Program  
On  
Cyber awareness

1. Was this workshop necessary for you to learn newer technology? Yes/No ✓
2. Was the technical content share with you meaningful? Yes/No ✓
3. How do you find the delivery of lecture by the trainer of the workshop.  
Very good/ Good / Average/ Satisfactory
4. ✓ In what way you feel that you can contribute in spreading awareness amongst the society.  
~~I learn here to use legal/ful~~  
~~websites and how to use internet~~
5. Would you be interested in participating such type of workshop in future. Yes/No ✓

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Feedback Form

Training Program

On

Cyber awareness

1. Was this workshop necessary for you to learn newer technology? Yes/No
2. Was the technical content share with you meaningful? Yes/No
3. How do you find the delivery of lecture by the trainer of the workshop.  
Very good/ Good / Average/ Satisfactory
4. In what way you feel that you can contribute in spreading awareness amongst the society.  
By conducting workshop.
5. Would you be interested in participating such type of workshop in future. Yes/No

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Feedback Form

Training Program

On

Cyber awareness

1. Was this workshop necessary for you to learn newer technology?  Yes/No
2. Was the technical content share with you meaningful?  Yes/No
3. How do you find the delivery of lecture by the trainer of the workshop.  
Very  good/ Good / Average/ Satisfactory
4. In what way you feel that you can contribute in spreading awareness amongst the society.  
By conducting workshop.
5. Would you be interested in participating such type of workshop in future.  Yes/No



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Feedback Form  
Training Program  
On  
Cyber awareness

1. Was this workshop necessary for you to learn newer technology?  Yes/No
2. Was the technical content share with you meaningful?  Yes/No
3. How do you find the delivery of lecture by the trainer of the workshop.  
Very  good/ Good / Average/ Satisfactory
4. In what way you feel that you can contribute in spreading awareness amongst the society.  
I will try my best to be away from these  
types of crimes.
5. Would you be interested in participating such type of workshop in future.  Yes/No

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Feedback Form

Training Program

On

Cyber awareness

1. Was this workshop necessary for you to learn newer technology?  Yes/No
2. Was the technical content share with you meaningful?  Yes/No
3. How do you find the delivery of lecture by the trainer of the workshop.  
Very good/ Good / Average/ Satisfactory
4. In what way you feel that you can contribute in spreading awareness amongst the society.  
OK
5. Would you be interested in participating such type of workshop in future.  Yes/No

Dharampeth M. P. Deo Memorial Science College, Nagpur

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Feedback Form

Training Program

On

Cyber awareness

1. Was this workshop necessary for you to learn newer technology? Yes/No
2. Was the technical content share with you meaningful? Yes/No
3. How do you find the delivery of lecture by the trainer of the workshop.  
Very good/ Good / Average/ Satisfactory
4. In what way you feel that you can contribute in spreading awareness amongst the society.  
1. In my own way
5. Would you be interested in participating such type of workshop in future. Yes/No

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Feedback Form

Training Program

On

Cyber awareness

1. Was this workshop necessary for you to learn newer technology?  Yes/No
2. Was the technical content share with you meaningful?  Yes/No
3. How do you find the delivery of lecture by the trainer of the workshop.  
Very good/ Good / Average/ Satisfactory
4. In what way you feel that you can contribute in spreading awareness amongst the society.  
Really Nice
5. Would you be interested in participating such type of workshop in future.  Yes/No

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Feedback Form  
Training Program  
On  
Cyber awareness

1. Was this workshop necessary for you to learn newer technology?  Yes/No
2. Was the technical content share with you meaningful?  Yes/No
3. How do you find the delivery of lecture by the trainer of the workshop.  
Very  good/ Good / Average/ Satisfactory
4. In what way you feel that you can contribute in spreading awareness amongst the society.  
I will try to conduct this program in such an interesting  
of in like that of game in small locality.
5. Would you be interested in participating such type of workshop in future.  Yes/No

Dharampeth M. P. Deo Memorial Science College, Nagpur

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Feedback Form

Training Program

On

Cyber awareness

1. Was this workshop necessary for you to learn newer technology?

✓  
Yes/No

2. Was the technical content share with you meaningful?

✓  
Yes/No

3. How do you find the delivery of lecture by the trainer of the workshop.

Very <sup>✓</sup>good/ Good / Average/ Satisfactory

4. In what way you feel that you can contribute in spreading awareness amongst the society.

By conducting Seminars in college Campus's. Encourage  
Teenages to trust their elders not than strangers.

5. Would you be interested in participating such type of workshop in future.

Yes/No

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Feedback Form

Training Program

On

Cyber awareness

1. Was this workshop necessary for you to learn newer technology?

Yes/No

2. Was the technical content share with you meaningful?

Yes/No

3. How do you find the delivery of lecture by the trainer of the workshop.

Very good/ Good / Average/ Satisfactory

4. In what way you feel that you can contribute in spreading awareness amongst the society.

using seminar, ppt presentation

5. Would you be interested in participating such type of workshop in future.

Yes/No

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Feedback Form

Training Program

On

Cyber awareness

1. Was this workshop necessary for you to learn newer technology?  Yes/No
2. Was the technical content share with you meaningful?  Yes/No
3. How do you find the delivery of lecture by the trainer of the workshop.  
Very good/ Good / Average/ Satisfactory
4. In what way you feel that you can contribute in spreading awareness amongst the society.  
Spread awareness among children, young ones in  
school, colleges & in society.
5. Would you be interested in participating such type of workshop in future.  Yes/No



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Feedback Form  
Training Program  
On  
Cyber awareness

1. Was this workshop necessary for you to learn newer technology?  Yes/No
2. Was the technical content share with you meaningful?  Yes/No
3. How do you find the delivery of lecture by the trainer of the workshop.  
Very  good/ Good / Average/ Satisfactory
4. In what way you feel that you can contribute in spreading awareness amongst the society.  
spreding awareness about misuse, details about  
disadvant~~ages~~ and advantages of soc media.
5. Would you be interested in participating such type of workshop in future.  Yes/No

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Feedback Form

Training Program

On

Cyber awareness

1. Was this workshop necessary for you to learn newer technology? Yes/No
2. Was the technical content share with you meaningful? Yes/No
3. How do you find the delivery of lecture by the trainer of the workshop.  
Very good/ Good / Average/ Satisfactory
4. In what way you feel that you can contribute in spreading awareness amongst the society.

By telling my friends and family  
member, other ones

5. Would you be interested in participating such type of workshop in future. Yes/No

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Feedback Form

Training Program

On

Cyber awareness

1. Was this workshop necessary for you to learn newer technology?  Yes/No
2. Was the technical content share with you meaningful?  Yes/No
3. How do you find the delivery of lecture by the trainer of the workshop.  
Very good/ Good / Average/ Satisfactory
4. In what way you feel that you can contribute in spreading awareness amongst the society.  
I will go in school and colleges. Also, will spread awareness in our society & family members.
5. Would you be interested in participating such type of workshop in future.  Yes/No

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Feedback Form

Training Program

On

Cyber awareness

1. Was this workshop necessary for you to learn newer technology?  Yes/No
2. Was the technical content share with you meaningful?  Yes/No
3. How do you find the delivery of lecture by the trainer of the workshop.

Very good/  Good /  Average/  Satisfactory

4. In what way you feel that you can contribute in spreading awareness amongst the society.

I am spreading awareness in  
my society i.e must for (a) Societician.

5. Would you be interested in participating such type of workshop in future.  Yes/No

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Feedback Form

Training Program

On

Cyber awareness

1. Was this workshop necessary for you to learn newer technology?  Yes/No
2. Was the technical content share with you meaningful?  Yes/No
3. How do you find the delivery of lecture by the trainer of the workshop.  
 Very good/ Good / Average/ Satisfactory
4. In what way you feel that you can contribute in spreading awareness amongst the society.  
by taking a session or seminar of  
by taking a personal meet with them.
5. Would you be interested in participating such type of workshop in future.  Yes/No

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Feedback Form

Training Program

On

Cyber awareness

1. Was this workshop necessary for you to learn newer technology? Yes/No
2. Was the technical content share with you meaningful? Yes/No
3. How do you find the delivery of lecture by the trainer of the workshop.  
Very good/ Good / Average/ Satisfactory
4. In what way you feel that you can contribute in spreading awareness amongst the society.  
I can aware people by telling them  
the things that I'm aware of.
5. Would you be interested in participating such type of workshop in future. Yes/No

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Feedback Form

Training Program

On

Cyber awareness

1. Was this workshop necessary for you to learn newer technology?  Yes/No
2. Was the technical content share with you meaningful?  Yes/No
3. How do you find the delivery of lecture by the trainer of the workshop.  
 Very good/ Good / Average/ Satisfactory
4. In what way you feel that you can contribute in spreading awareness amongst the society.  
To feel proud
5. Would you be interested in participating such type of workshop in future?  Yes/No

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Feedback Form

Training Program

On

Cyber awareness

1. Was this workshop necessary for you to learn newer technology?  Yes/No
2. Was the technical content share with you meaningful?  Yes/No
3. How do you find the delivery of lecture by the trainer of the workshop.  
Very good/ Good / Average/ Satisfactory
4. In what way you feel that you can contribute in spreading awareness amongst the society.  
To feel proud
5. Would you be interested in participating such type of workshop in future.  Yes/No



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Feedback Form  
Training Program  
On  
Cyber awareness

1. Was this workshop necessary for you to learn newer technology? Yes/No ✓
2. Was the technical content share with you meaningful? Yes/No ✓
3. How do you find the delivery of lecture by the trainer of the workshop.  
Very good/ Good / Average/ Satisfactory
4. In what way you feel that you can contribute in spreading awareness amongst the society.  
FIRSTLY, I aware myself with that  
and then I ~~will~~ spread in society and colleges.
5. Would you be interested in participating such type of workshop in future. Yes/No ✓

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Feedback Form

Training Program

On

Cyber awareness

1. Was this workshop necessary for you to learn newer technology?  Yes/No
2. Was the technical content share with you meaningful?  Yes/No
3. How do you find the delivery of lecture by the trainer of the workshop.  
Very good/ Good / Average/ Satisfactory
4. In what way you feel that you can contribute in spreading awareness amongst the society.

*I would like to contribute the knowledge of Quickheal in colleges and school to aware them about*

5. Would you be interested in participating such type of workshop in future.  Yes/No

*social network they are using is insecure sometimes*

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Feedback Form  
Training Program  
On  
Cyber awareness

1. Was this workshop necessary for you to learn newer technology?  Yes/No
2. Was the technical content share with you meaningful?  Yes/No
3. How do you find the delivery of lecture by the trainer of the workshop.  
Very good/  Good / Average/ Satisfactory
4. In what way you feel that you can contribute in spreading awareness amongst the society.  
I will spread the awareness about  
social security in illiterate but addicted persons
5. Would you be interested in participating such type of workshop in future.  Yes/No

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Feedback Form

Training Program

On

Cyber awareness

1. Was this workshop necessary for you to learn newer technology? Yes/No
2. Was the technical content share with you meaningful? Yes/No
3. How do you find the delivery of lecture by the trainer of the workshop.  
Very good/ Good / Average/ Satisfactory
4. In what way you feel that you can contribute in spreading awareness amongst the society.  
By spreading awareness in children & society.  
about cyber security.
5. Would you be interested in participating such type of workshop in future. Yes/No

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Feedback Form

Training Program

On

Cyber awareness

1. Was this workshop necessary for you to learn newer technology?  Yes/No
2. Was the technical content share with you meaningful?  Yes/No
3. How do you find the delivery of lecture by the trainer of the workshop.  
 Very good/ Good / Average/ Satisfactory
4. In what way you feel that you can contribute in spreading awareness amongst the society.  
Just I will learn and what I will learn I  
will spread out all where.
5. Would you be interested in participating such type of workshop in future  Yes/No

Dharampeth M. P. Deo Memorial Science College, Nagpur

(In collaboration With Quick Heal Foundation)

Feedback Form

Training Program

On

Cyber awareness

1. Was this workshop necessary for you to learn newer technology?  Yes/No
2. Was the technical content share with you meaningful?  Yes/No
3. How do you find the delivery of lecture by the trainer of the workshop.  
Very good/ Good / Average/ Satisfactory
4. In what way you feel that you can contribute in spreading awareness amongst the society.  
Just I will learn and what of will learn  
I will spread out all whic
5. Would you be interested in participating such type of workshop in future.  Yes/No

Dharampeth M. P. Deo Memorial Science College, Nagpur  
(In collaboration With Quick Heal Foundation)

Feedback Form

Training Program

On

Cyber awareness

1. Was this workshop necessary for you to learn newer technology?  Yes/No
2. Was the technical content share with you meaningful?  Yes/No
3. How do you find the delivery of lecture by the trainer of the workshop.  
Very good/ Good / Average/ Satisfactory  
 Very good
4. In what way you feel that you can contribute in spreading awareness amongst the society.  
I would like to give a seminar to aware all  
the people
5. Would you be interested in participating such type of workshop in future.  Yes/No

Dharampeth M. P. Deo Memorial Science College, Nagpur

(In collaboration With Quick Heal Foundation)

Feedback Form

Training Program

On

Cyber awareness

1. Was this workshop necessary for you to learn newer technology?  Yes/No
2. Was the technical content share with you meaningful?  Yes/No
3. How do you find the delivery of lecture by the trainer of the workshop.  
Very good/ Good / Average/ Satisfactory  Very good
4. In what way you feel that you can contribute in spreading awareness amongst the society.  
by seminars in many colleges & schools  
and info to our society.
5. Would you be interested in participating such type of workshop in future.  Yes/No



Dharampeth M. P. Deo Memorial Science College, Nagpur

(In collaboration With Quick Heal Foundation)

Feedback Form

Training Program

On

Cyber awareness

1. Was this workshop necessary for you to learn newer technology?  Yes/No
2. Was the technical content share with you meaningful?  Yes/No
3. How do you find the delivery of lecture by the trainer of the workshop.  
 Very good/ Good / Average/ Satisfactory
4. In what way you feel that you can contribute in spreading awareness amongst the society.  
we feel about  
society awareness
5. Would you be interested in participating such type of workshop in future?  Yes/No

Dharampeth M. P. Deo Memorial Science College, Nagpur

(In collaboration With Quick Heal Foundation)

Feedback Form

Training Program

On

Cyber awareness

1. Was this workshop necessary for you to learn newer technology?  Yes/No
2. Was the technical content share with you meaningful?  Yes/No
3. How do you find the delivery of lecture by the trainer of the workshop.  
 Very good/ Good / Average/ Satisfactory
4. In what way you feel that you can contribute in spreading awareness amongst the society.  
was learn about social awareness
5. Would you be interested in participating such type of workshop in future.  Yes/No

Dharampeth M. P. Deo Memorial Science College, Nagpur

(In collaboration With Quick Heal Foundation)

Feedback Form

Training Program

On

Cyber awareness

1. Was this workshop necessary for you to learn newer technology?  Yes/No
2. Was the technical content share with you meaningful?  Yes/No
3. How do you find the delivery of lecture by the trainer of the workshop.  
Very good/ Good / Average/ Satisfactory
4. In what way you feel that you can contribute in spreading awareness amongst the society.  
Information about Advantages of internet and  
disadvantage of internet and links, apps etc..
5. Would you be interested in participating such type of workshop in future.  Yes/No

Dharampeth M. P. Deo Memorial Science College, Nagpur

(In collaboration With Quick Heal Foundation)

Feedback Form

Training Program

On

Cyber awareness

1. Was this workshop necessary for you to learn newer technology?  Yes/No
2. Was the technical content share with you meaningful?  Yes/No
3. How do you find the delivery of lecture by the trainer of the workshop.  
Very good/ Good / Average/ Satisfactory
4. In what way you feel that you can contribute in spreading awareness amongst the society.  
I will starts from my housemaid  
to aware or spread this topic awareness
5. Would you be interested in participating such type of workshop in future.  Yes/No

Dharampeth M. P. Deo Memorial Science College, Nagpur  
(In collaboration With Quick Heal Foundation)

Feedback Form  
Training Program  
On  
Cyber awareness

1. Was this workshop necessary for you to learn newer technology?  Yes/No
2. Was the technical content share with you meaningful?  Yes/No
3. How do you find the delivery of lecture by the trainer of the workshop.  
Very  good/ Good / Average/ Satisfactory
4. In what way you feel that you can contribute in spreading awareness amongst the society.  
By creating awareness in friends so that they too can spread this awareness.
5. Would you be interested in participating such type of workshop in future.  Yes/No

Dharampeth M. P. Deo Memorial Science College, Nagpur

(In collaboration With Quick Heal Foundation)

Feedback Form

Training Program

On

Cyber awareness

1. Was this workshop necessary for you to learn newer technology?  Yes/No
2. Was the technical content share with you meaningful?  Yes/No
3. How do you find the delivery of lecture by the trainer of the workshop.  
Very good/ Good / Average/ Satisfactory
4. In what way you feel that you can contribute in spreading awareness amongst the society.  
Those whom I met from today I will aware  
all of them, whether they are adults or kids.
5. Would you be interested in participating such type of workshop in future.  Yes/No

Dharampeth M. P. Deo Memorial Science College, Nagpur

(In collaboration With Quick Heal Foundation)

Feedback Form

Training Program

On

Cyber awareness

1. Was this workshop necessary for you to learn newer technology?  Yes/No
2. Was the technical content share with you meaningful?  Yes/No
3. How do you find the delivery of lecture by the trainer of the workshop.  
Very  good/ Good / Average/ Satisfactory
4. In what way you feel that you can contribute in spreading awareness amongst the society.  
I hope I make understand my friends.  
to cyber team security.
5. Would you be interested in participating such type of workshop in future.  Yes/No

Dharampeth M. P. Deo Memorial Science College, Nagpur

(In collaboration With Quick Heal Foundation)

Feedback Form

Training Program

On

Cyber awareness

1. Was this workshop necessary for you to learn newer technology? Yes/No ✓
2. Was the technical content share with you meaningful? Yes/No ✓
3. How do you find the delivery of lecture by the trainer of the workshop.  
Very good/ Good / Average/ Satisfactory ✓
4. In what way you feel that you can contribute in spreading awareness amongst the society.

I feel people for me and others to contribute in spreading awareness and get the society.

5. Would you be interested in participating such type of workshop in future. Yes/No ✓



Dharampeth M. P. Deo Memorial Science College, Nagpur

(In collaboration With Quick Heal Foundation)

Feedback Form

Training Program

On

Cyber awareness

1. Was this workshop necessary for you to learn newer technology?  Yes/No
2. Was the technical content share with you meaningful?  Yes/No
3. How do you find the delivery of lecture by the trainer of the workshop.  
Very good/ Good / Average/ Satisfactory
4. In what way you feel that you can contribute in spreading awareness amongst the society.  
awareness about cyber security &  
provide awareness abt. social media.
5. Would you be interested in participating such type of workshop in future.  Yes/No

Dharampeth M. P. Deo Memorial Science College, Nagpur

(In collaboration With Quick Heal Foundation)

Feedback Form

Training Program

On

Cyber awareness

1. Was this workshop necessary for you to learn newer technology?  Yes/No
2. Was the technical content share with you meaningful?  Yes/No
3. How do you find the delivery of lecture by the trainer of the workshop.  
Very good/ Good / Average/ Satisfactory
4. In what way you feel that you can contribute in spreading awareness amongst the society.

I can start to aware myself first then aware our society and neighbours. I want to aware our society, our India.

5. Would you be interested in participating such type of workshop in future.  Yes/No

Dharampeth M. P. Deo Memorial Science College, Nagpur

(In collaboration With Quick Heal Foundation)

Feedback Form

Training Program

On

Cyber awareness

1. Was this workshop necessary for you to learn newer technology?  Yes/No
2. Was the technical content share with you meaningful?  Yes/No
3. How do you find the delivery of lecture by the trainer of the workshop.  
Very good/ Good / Average/ Satisfactory
4. In what way you feel that you can contribute in spreading awareness amongst the society.

I will try to aware the social sites  
and those information is share (o my contacts like family  
members)

5. Would you be interested in participating such type of workshop in future.  Yes/No

Dharampeth M. P. Deo Memorial Science College, Nagpur

(In collaboration With Quick Heal Foundation)

Feedback Form

Training Program

On

Cyber awareness

1. Was this workshop necessary for you to learn newer technology?

✓  
Yes/No

2. Was the technical content share with you meaningful?

✓  
Yes/No

3. How do you find the delivery of lecture by the trainer of the workshop.

Very good/ Good / Average/ Satisfactory

4. In what way you feel that you can contribute in spreading awareness amongst the society.

*I will try to aware from the socials sites & explain to the people this was very harmful for us.*

5. Would you be interested in participating such type of workshop in future.

Yes/No



**Dharampeth M. P. deo Memorial Science College,  
Nagpur  
Best Practice**

**Name of the Department:** Electronics Department

**Name of Teacher In-charge:** Prof. Mrs. Varsha Rangari

**Session of Implementation:** 2018-19

**Name of the Class for which the Best Practice was conducted:** Interested College Students

**Number of students benefitted:** 32 School students, total students 14164.

**Title of the Practice:** *"Cyber Security Awareness"*

**Objective of program:**

- To make the youth alert while working online.
- To prevent falling prey to cyber criminals
- To stop youth from getting indulged in cyber-crimes or similar activities.
- To select volunteers and train them to give presentations in schools.
- To provide them a stipend and intern certificate on successful completion of tasks.

**The Context:**

This activity started in the year 2017 in collaboration with Quick Heal Foundation, Pune. The mission of this activity is to keep the kids safe online. As kids grow up in this digital age, keeping up the latest trends and technology is part of everyday life. Parents, on the other hand, are oftentimes less savvy than their kids when it comes to cyber behaviour. And due to lack of cyber awareness many crimes are happening online and is bound to increase drastically in near future. Having sensed the potential online danger, MoU was signed with Quick Heal Foundation.

**The Practice:**

In the beginning of every academic year, MoU with Quick Heal Foundation, Pune was done. Interested college students were selected. They were trained by Quick Heal Foundation trainers. These students go to different colleges, take permission from the principal of that college and schedule their presentation. Before and after feedback from school students was taken after the presentation. Also remarks from the principal were taken. At the end of this activity stipend and intern certificate is given to volunteers.

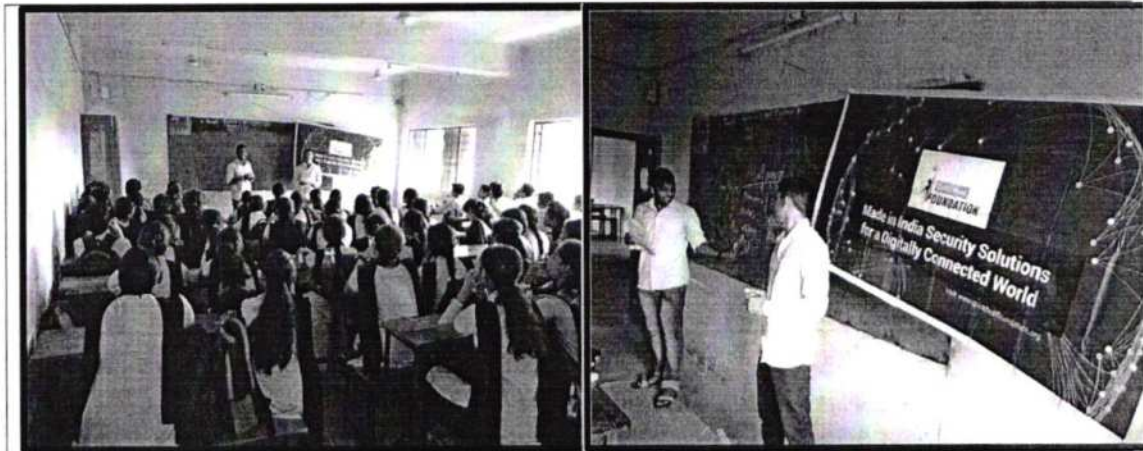
**Evidence of Success:**

Year	Total No. of Volunteers	No. of School targeted	Total No. of Students Beneficiaries	Total Amount earn by the Volunteers
2018-19	13	32	14164	85,200/-

School students learn many things like how to be secure when online. From this activity student volunteers not only earn money or certificates but also enhance their personality and confidence level.

**Problems Encountered and Resources Required**

In the first year, no school principals were allowing the student Volunteers for presentation. Then they were trained how to convince them. After that they were getting permission from the school which boosted up their confidence level. This is reflected in the number of schools and number of students targeted.



**Prof. Pitambar Humane**  
IQAC Coordinator  
**CO ORDINATOR**  
INTERNAL QUALITY ASSURANCE CELL  
DHARAMPETH, M. P. DEO MEMORIAL &  
SCIENCE COLLEGE, NAGPUR

Name and Signature of Teacher In-charge

**Dr. Akhilesh Peshwe**  
Principal  
Principal  
DHARAMPETH M.P. DEO MEMORIAL  
SCIENCE COLLEGE, NAGPUR.



महाराष्ट्र MAHARASHTRA

2018

UT 713171

29 FEB 2019

### MEMORANDUM OF UNDERSTANDING

Collaboration for Faculty Development Programme on  
'STUDENT SATISFACTION SURVEY'

The Faculty Development Programme is to bring to the knowledge of the teachers the guidelines framed for 'Student Satisfaction Survey' which is an important aspect in assessment. In view of this it has been decided to organize a Faculty Development Programme on 'Student Satisfaction Survey' under the joint aegis of IQACs of Santaji Mahavidyalaya, Nagpur, Dr M K Umathe College, Nagpur and Dharampeth M. P. Deo Memorial Science College, Nagpur on 5<sup>th</sup> March, 2019. The Faculty Development Programme aims to facilitate the participants for knowledge empowerment for the sake of NAAC Assessment & Accreditation according to new norms.

फक्त प्रतिज्ञापत्रासाठी (अनुच्छेद - ४)	
प्रतिज्ञापत्र कोणाकडे सादर करावयाचे	
प्रतिज्ञापत्रासाठीचे कारण	
मुद्रांक दिवसाचे घेण्याबाबतचे	मुद्रांक दिवसाचे घेण्याबाबतचे
रहिवाशी पत्ता	रहिवाशी पत्ता
मुद्रांक विभागाचे कार्यालय	मुद्रांक विभागाचे कार्यालय
मुद्रांक विकत घेण्याबाबतचे ठरले	मुद्रांक विकत घेण्याबाबतचे ठरले
भुषण पा. वीकाडे	मुद्रांक विक्रेता, ला. क्र. २२/१५, कोड क्र. ४६०१०२६ जिल्हाधिकारी परिसर, त. कार्यालय, नागपूर (शहर)



The above organizations have therefore decided to work in collaboration for the success of the above stated Faculty Development Programme.


Hence, this Memorandum of Understanding.

Signed on 5th day of March in the year 2019


1. Santaji Mahavidyalaya, Nagpur

  
Principal  
**Santaji Mahavidyalaya**  
Pt. Jawaharlal Nehru Marg,  
NAGPUR-15.

2. Dr. M.K.Umathe College, Nagpur


  
Principal  
**PRINCIPAL**  
**Dr. M. K. Umathe College**  
Nagpur - 440022

3. Dharampeth M. P. Deo Memorial Science College, Nagpur

  
Principal  
**Dharampeth M.P. Deo Memorial**  
**Science College, Nagpur.**

In the presence of witness (Names and Address)

1. Name & Signature

  
**Neehal R. Sheikh**  
Address: As. Professor  
**Santaji Mahavidyalaya**  
**Nagpur.**

2. Name & Signature

  
**Dr. S. R. Pajankar**  
Address: Associate Professor & Head  
Department of Commerce  
**Santaji Mahavidyalaya, Nagpur-15**



# Dharampeth M. P. Deo Memorial Science College, Nagpur

Academic Session: 2018-19

## Activity Report

1)	Name of the Department	:	Dharampeth M. P. Deo Memorial Science College in collaboration with Dr. M. K. Umathe College and Matru Seva Sangh Institute of Social Work, Nagpur
2)	Name of the Activity	:	One Day Workshop
3)	Date	:	23-04-2019
4)	Class	:	Teaching Staff of collaborative institute
5)	Teacher In charge	:	Dr. R. B. Lanjewar
6)	Name of Resource Person	:	Dr. Pankaj Borkar, Deputy Controller of Patents and Design in the Ministry of Commerce and Industry
7)	Topic	:	Multidisciplinary Workshop on Patenting
8)	Venue	:	APJ Abdul Kalam Hall
9)	Number of students participated	:	41
10)	DVV Format	:	Yes
11)	Outcome	:	<p>The aim and objective of the organization of the workshop was to bring into focus the significance of patenting and its various procedures and formalities. The Resource person appealed to audience to identify the problems for patenting and find solution for the same. procedure of filing of patents was completely explained in the workshop by the speaker.</p> <p>In addition to that IPR and Professional Ethics related queries from the audience were solved by the speaker.</p>
12)	Photos	:	No

**Dr. R. B. Lanjewar**

IQAC Coordinator

**CO ORDINATOR**

INTERNAL QUALITY ASSURANCE CELL  
DHARAMPETH, M. P. DEO MEMORIAL &  
SCIENCE COLLEGE, NAGPUR

**Dr. Akhilesh Peshwe**

Principal

**Principal**

Dharampeth M.P. Deo Memorial  
Science College, Nagpur.



DHARAMPETH M. P. DEO MEMORIAL SCIENCE COLLEGE, NAGPUR.




Academic Session: 2018-2019

Workshop on Patenting



List of Participants


Date: 23/04/2019

Sr. No.	Name of Employee	Designation/Department	Contact Number	Email ID	Signature
1.	Dr. Akhilesh V. Peshwe	Principal	9422313334	akhileshpeshwe@yahoo.com	
2.	Dr. (Mrs.) Archana. Shailesh Kulkarni	(Associate Professor) Microbiology	9823374091	archanakulkarni6212@gmail.com	
3.	Dr. Mrs. Varsha Vinod Rangari	(Assistant Professor) Electronics	9890264522	rangarivarsha1@gmail.com	
4.	Dr. Pitambar. Tulshiram Humane	(Associate Professor) Botany	9970468655	darzeenpapa_2004@rediffmail.com	
5.	Dr. (Mrs.) Vidya. Ratan Katoke	(Associate Professor) Microbiology	9422880665	vidyakathake18@gmail.com	
6.	Dr. Madhukar. Jeevan. Dhongade	(Associate Professor) HOD- Zoology			
7.	Dr. (Mrs.) Kirti. Mangesh Paturkar	(Assistant Professor) Zoology	9850301939	km.paturkar@gmail.com	
8.	Dr. (Mrs.) Seema. Kiran Ubale	(Associate Professor) Physics			
9.	Dr. Kamlesh. Shamrao Moon	(Assistant Professor) Physics			
10.	Lt. Dr. Prashant. Wamanrao Ambekar	(Associate Professor) Physics	7776899668	pacific0701@rediffmail.com	
11.	Dr. Ratnakar Balkrushna. Lanjewar	(Associate Professor) Chemistry			

Sr. No.	Name of Employee	Designation/Department	Contact Number	Email ID	Signature
12.	Dr. (Mrs.) Vaishali. Pravin Meshram	(Assistant Professor) Chemistry			
13.	Dr., Nitin Pravin Gaikwad	(Assistant Professor) Mathematics	9423103560	np_gaikwad@rediffmail.com	
14.	Mrs. Manju Milind. Deshpande	(Associate Professor) Home Science	9890064284	manjudeshpande1964@gmail.com	
15.	Mrs. Ranjana. Kishor Kulat	(Associate Professor) Home Science			
16.	Dr. Mrs. Shradha. Abhijit Deshpande	(Assistant Professor) English	9860042850	shradhadeshpande22@gmail.com	

### Computer Science

Sr. No.	Name of Employee	Designation/Department	Contact Number	Email ID	Signature
1	Dr. Mrs. Snehal A. Narale	(Assistant Professor) Computer Science	9890336139	Snehal.narale16@gmail.com,	
2	Mrs. Ruma R. Kapre	(Assistant Professor) Computer Science	9423110272	ruma_kapre@yahoo.co.in	

  
**CO ORDINATOR**  
**INTERNAL QUALITY ASSURANCE CELL**  
**DHARAMPETH, M. P. DEO MEMORIAL &**  
**SCIENCE COLLEGE, NAGPUR**

  
**Principal**  
**Dharampeth M.P. Deo Memorial**  
**Science College, Nagpur.**



Dharampeth M. P. Deo Memorial Science College, Nagpur  
Academic Session: 2018-2019

Name of the Department: IQAC Initiative  
Name of Activity: Workshop on Patenting  
Date of Activity: 23/04/2019

Sr. No.	Name of the Student	Contact No	Email-id	Signature
1	Mrs. Vinaya Kashika	9850501418	vinaya.kashika69@gmail.com	VK
2	Dr. Mrs Manasi Kaula	9823109600	manasikaula@gmail.com	nk
3	Mrs. Priyanka R. Ganekar	9890211585	jodhi10priyanka@gmail.com	Pr
4	Dr. V. V. Karkhedikar (Vishakha)	9921129220	vkarkhedikar@gmail.com	VVK
5	Mrs A.P. Ashitika	9545895760	ashitika.archana.123@gmail.com	AK
6	Dr. Arvind S. Kale	9423408027	arvindskale77@gmail.com	ASK
7	Mr. Kishor S. Urkudkar	9890811470	kishorurkudkar@gmail.com	KU
8	Mrs. Sujata Ali	9922127163	sujataali@gmail.com	S.Ali
9	Mr. Sailendra V. Walde	8788010543	shaileshwalde@gmail.com	SW
10	Mrs. Shobha D. Zalke	9307482885	zalke.shobha.S@gmail.com	AS
11	Dr. Mrs Shradha Pande	9637793898	smbanzod@gmail.com	SP
12	Mrs. Paryawinee Dhoke	9420566070	paryawineecorvihar@gmail.com	PD
13	Dr. Mrs. Swati Joshi	9881019763	swatiaptejoshi@gmail.com	SW
14	Mrs. Archana R. Dani	9850201007	archanadani909@gmail.com	AR
15	Mrs. Dipti G. Iyer	9823034266	diptig.iyer@gmail.com	DI
16	Atul B. Moghe	9822343276	atulmoghe69@gmail.com	AM
17	Mr. M.S. Pendare	8275676036	maheshpendare@gmail.com	MP
18	A.U. Kadam	9970765000	-	AK
19	Suresh B. Choudhary	9975214741	sbchoudhary@gmail.com	SC
20	Rajkumar W. Detha	9823779310	-	R.Detha
21	Pradeep M. Ashtikar	9860078891	pradeepashtikar65@gmail.com	PA
22	Dilip P. Hadge	8975541927	hdilip.2010@gmail.com	DH
23	Girish N. Moharke	986755473	-	GM
24	Mrs. P.P. Vishnu	9970193606	-	San P.P. Vishnu

Teacher In-charge

CO ORDINATOR

INTERNAL QUALITY ASSURANCE CELL  
DHARAMPETH, M. P. DEO MEMORIAL &  
SCIENCE COLLEGE, NAGPUR

Principal

Dharampeth M.P. Deo Memorial  
Science College, Nagpur.



Dharampeth M. P. Deo Memorial Science College, Nagpur  
Academic Session: 2018-2019

Name of the Department: IQAC Initiative  
Name of Activity: Workshop on Patenting  
Date of Activity: 23/04/2019

Sr. No.	Name of the Student	Contact No	Email-id	Signature
25	Dilip P. Dhote	9561015679		
26	Namdeo N. Nikhare	3604944360		
27	Kapil D. Mandawar	9096887713	kapil-mandawar@gmail.com	
28)	N. U. Bhanange	9975445282	nishabhannan04@gmail.com	
29)	Dr. A.S. Kulkarni	9823374091	archanakulkarni6212@gmail.com	

Teacher In-charge

**CO ORDINATOR**  
INTERNAL QUALITY ASSURANCE CELL  
DHARAMPETH, M. P. DEO MEMORIAL  
SCIENCE COLLEGE, NAGPUR

Principal  
Dharampeth M.P. Deo Memorial  
Science College, Nagpur.



महाराष्ट्र MAHARASHTRA

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## MEMORANDUM OF UNDERSTANDING

Collaboration in two day national seminar on  
"MEASURING OUTCOMES, GOOD DOCUMENTATION; INNOVATIONS  
AND BEST PRACTICES"

This seminar is to bring the minds from across the nation together to discuss and deliver thoughtful views for the initiatives in quality enhancement & sustainability in HEI. In view of the above, it has been decided to organize a National Seminar titled "MEASURING OUTCOMES, GOOD DOCUMENTATION; INNOVATIONS AND BEST PRACTICES" under the joint aegis of IQAC, RTM Nagpur University in collaboration with Shri Ramdeobaba College of Engineering and Management, Nagpur, Dharampeth M.P. Deo Memorial College, Nagpur, Dr.M.K. Umathe College, Nagpur, Santaji Mahavidhyalay, Nagpur, Matru Seva Sangh Institute of Social Work, Nagpur, on dated 24<sup>th</sup> & 25<sup>th</sup> February, 2019.

मुद्रांक दिनांक: 18/12/19

मुद्रांक क्रमांक: 22348

दस्तावेज प्रकार: अहित का

निष्ठाकर्तृचे नाव: मिश्रीपुत्र डी. उमेश

हस्त अग्रगण्यतेचा नाव: 8716 8107

दुसऱ्या पक्षकाराचे नाव: 290/2107

मुद्रांक शुल्क रककम: 1

मुद्रांक विक्री लॉ. क्र. 23/95 काउ. क्र. 4608044

शांतीनगर नागपुर दुय्यम निबंधक क्र. 6

प्रभु जी जोध



The seminar aims to facilitate the participants for knowledge empowerment for NAAC Assessment & Accreditation, Innovations, Best Practices, Data Validation and Verification and evaluation of specific outcomes of the programmes in HEI.

The above organizations have therefore decided to work in collaboration for the success of the above stated National Seminar.

Hence, this Memorandum of Understanding.

Signed on this 7<sup>th</sup> day of February in the year two thousand and nineteen.

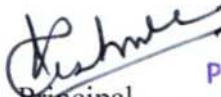
1. IQAC RTM Nagpur University

  
Director

2. Shri Ramdeobaba college of Engineering and Management, Nagpur

  
Principal

3. Dharampeth M.P. Deo Memorial.  
Science College, Nagpur

  
Principal  
PRINCIPAL  
Dharampeth M.P. Deo Memorial  
Science College, Nagpur-440033

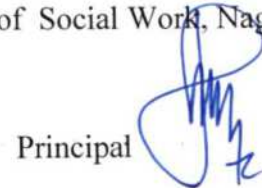
4. Dr. M.K. Umathe College  
Nagpur

  
Principal

5. Santaji Mahavidhyalay, Nagpur

  
Principal


6. Matru Seva Sangh Institute  
of Social Work, Nagpur

  
Principal

In the presence of witness (Names & Address)

1. Name & Sign 

Address : S.V. Chindhade  
7 Neelambari  
Erandwane, Pune - 4

1. Name & Sign   
(Dr. Deb Shankar)

Address : Rajiv Gandhi Biotechnology  
Centre, LIT campus,  
RTM VU, Nagpur



**Dharampeth M. P. Deo Memorial Science College, Nagpur**  
**Academic Session: 2018-19**  
**Activity Report**

1)	Name of the Department	:	Internal Quality Assurance Cell, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur in collaboration with Shri. Ramdeobaba College of Engineering and Management, Nagpur, Dharampeth M. P. Deo Memorial Science College, Nagpur, Dr. M. K. Umathe College, Nagpur, Santaji Mahavidyalaya, Nagpur, and Matru Sewa Sangh Institute of Social Work, Nagpur
2)	Name of the Activity	:	A Two-Day National Seminar
3)	Date	:	24 <sup>th</sup> , 25 <sup>th</sup> February 2019
4)	Teacher In charge	:	IQAC Coordinators of all collaborating colleges.
5)	Name of Chief Guest and Guest of Honours	:	<b>Inauguration Function: -</b> Dr. Pramod Yeole, Pro-Vice Chancellor, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur chaired the inaugural ceremony. Dr. P. Shivswaroop, Director, IGNOU, Regional Centre, Nagpur inaugurated the National Seminar. Dr. Sandhya Nair, Principal, R S Mundle Dharampeth Arts and Commerce College, Nagpur graced the occasion as Guest of Honour. Dr. Ulhas Aurangabadkar, President, Dharampeth Education Society, Nagpur Shri. Dinesh Wanjari, President, Shri Santaji Shikshan Vikas Sanstha, Nagpur and Shri Kishor Umathe, Secretary, Satimata Shikshan Sanstha, Nagpur remained present as Chief Patrons. Dr. Suresh Zade, Director, IQAC, RTM Nagpur University.

		<p>Dr. Akhilesh Peshwe, Principal, Dharampeth M. P. Deo Memorial Science College, Nagpur.</p> <p>Dr. Priya Wanjari, Principal, Santaji Mahavidyalaya, Nagpur.</p> <p>Dr. D. V. Naik, Principal, Dr. M. K. Umathe College, Nagpur and</p> <p>Dr. Rajesh Pande, Principal, Shri. Ramdeobaba College of Engineering and Management, Nagpur were present as Chief Organizing Secretaries.</p> <p>Dr. Keshav Walke, Director, NSS, RTM Nagpur University.</p> <p>Dr. Niranjana Deshkar, Member, Management Council, RTM Nagpur University were also present on the dais.</p> <p><b>Valedictory Function: -</b>  Dr. Neeraj Khaty, Off. Registrar, RTM Nagpur University was invited as Chairperson in the  Concluding Ceremony.  Dr. Pramod Sharma, Dean, Faculty of Humanities of the university was the Guest of Honour.</p>
6)	Name of Resource Person	<p><b>24<sup>th</sup> February 2019</b>  <b>Key Note Speaker:</b> -Dr. Rajivlochan, Professor &amp; IQAC Director, Dept. of History, Punjab University, Chandigarh</p> <p><b>25<sup>th</sup> February 2019</b>  <b>Technical Session I:</b> -Dr. Shirish Chindhale, NAAC Assessor, M. U. College of Commerce, Pimpri, Pune  <b>Technical Session II:</b> -Dr. Rajivlochan, Professor &amp; IQAC Director, Dept. of History, Punjab University, Chandigarh  <b>Technical Session III:</b> -Dr. Shirish Chindhale, NAAC Assessor, M. U. College of Commerce, Pimpri, Pune</p>
7)	Topic	'Measuring Outcomes, Good Documentation: Innovations and Best Practices'

8)	Venue	:	Auditorium of Rajiv Gandhi Biotechnology Centre, LIT. Premises, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur
9)	Number of students participated	:	Around 200 participants, including Principals, IQAC Coordinators, Steering Committee Coordinators, Members of Steering Committee, Teachers from PGTD, Conducted and Affiliated colleges
10)	DVV Format	:	
11)	Outcome	:	The National Seminar discussed the significance of careful process of documentations to procure optimum results in NAAC Assessment. The technical sessions prominently guided, on how to calculate and present outcomes in an effective manner, the kinds of Innovative practices to be brought into existence for better preparation and how documents are to be prepared and submitted for better grade.
12)	Photos		



**Dr. R. B. Lanjewar**

IQAC Coordinator

**CO ORDINATOR**

**INTERNAL QUALITY ASSURANCE CELL  
JNARAMPETH, M. P. DEO MEMORIAL &  
SCIENCE COLLEGE, NAGPUR**

**Dr. Akhilesh Peshwe**

Principal

**Principal**

**Jnarampeth M.P. Deo Memorial  
Science College, Nagpur.**

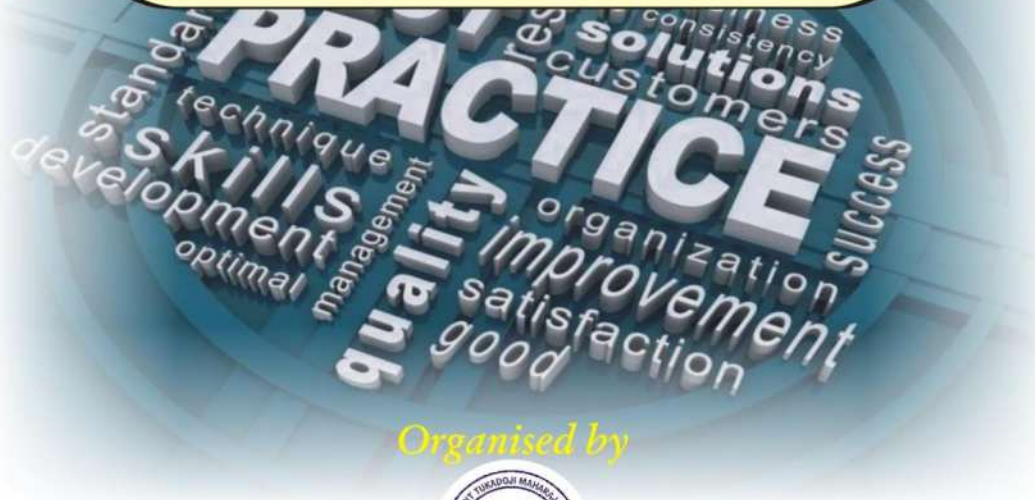
# Two-Day National Seminar

On

## Measuring Outcomes, Good Documentation; Innovations and Best Practices

Date : 24th & 25th February, 2019

Venue : Rajiv Gandhi Bio-Technology Center,  
Rashtrasant Tukadoji Maharaj  
Nagpur University, Nagpur.



Organised by



**IQAC, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur**

In Collaboration With



Shri. Ramdeobaba College of Engineering  
and Management, Nagpur



Dharampeth M.P. Deo Memorial,  
Science College, Nagpur



Dr. M. K. Umathe College,  
Nagpur



Santaji Mahavidyalaya,  
Nagpur



Matru Sewa Sangh Institute of Social Work,  
Nagpur

# Invitation

We take immense pleasure in inviting Principals, Directors, IQAC Coordinators, IQAC members and other stake holders of Higher Education Institutions and Universities from all over India to participate in the two day National Seminar on **"Measuring Outcomes, Good Documentation; Innovations and Best Practices"** on 24<sup>th</sup> & 25<sup>th</sup> February, 2019 for keeping up the tradition of continuous quality initiatives, organized by IQAC Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur in collaboration with IQAC's of Shri Ramdeobaba College of Engineering & Management, Nagpur, Dharampeth M.P. Deo Mem. Science College, Nagpur, Dr. M.K. Umathe College, Nagpur, Santaji Mahavidyalaya, Nagpur & Matru Sewa Sangh Institute of Social Work, Nagpur.

## About the Seminar :

The establishment of the National Assessment and Accreditation Council (NAAC) in 1994 and its subsequent efforts through its continuous guidelines for quality enhancement and quality sustenance for Higher Education Institutions (HEI) and rigorous assessment and accreditation process brought about a positive change in the overall working & outlook of the HEI's. Institutions of Higher Education have become more organized in planning, implementation and expected outcomes of the programmes and activities they undertake.

Most of the HEI's have atleast once gone through NAAC's assessment and accreditation process. Thanks to NAAC, there is now a healthy competition going on amongst HEI's to outdo one another in quality enhancement and quality sustenance initiatives. With the introduction of new A & A methodology from July 17, it has now become imperative for HEI's to get even more organized and systemize the quality enhancement measures that they undertake and learn to think out of the box. The Data Validation and Verification (DVV) and the weightage it carries has made it essential for HEI's to properly document the programmes and activities they plan and implement.

In order to score well in both the Qualitative and Quantitative Metrics the HEI's need to meticulously plan and properly implement their quality initiatives with clear outcomes.

**Delegation Fee : 600/- (only for the Participants from affiliated Colleges)**

## Aims & Objectives :

The main objective of this seminar is to bring the minds from across the nation together in order to discuss and facilitate the participants about how to measure Programme Outcomes, Course Outcomes, Programme Specific Outcomes. The seminar also aims to facilitate good documentation required while submitting SSR. The seminar will also create larger awareness among all about Innovation and Best Practices and touch upon the core of the new assessment and accreditation process and how to cope with the challenges.

**Resource Persons : ★ Dr. M. Rajivlochan    ★ Dr. Shirish Chindhade**

# Programme Schedule



## Day - 1

Date : Sunday, 24th February, 2019  
Registration : (4.00 to 4.30 pm)

**Inauguration : (4.30 to 6.00 pm)**

Chairperson : **Dr. Pramod Yeole**  
Hon'ble Pro-Vice Chancellor, RTMNU, Nagpur

Keynote Address : **Dr. M. Rajivlochan**  
Professor & IQAC Director  
Dept. of History, Panjab University, Chandhigarh

Inaugurator : **Dr. P. Shivswaroop,**  
Director  
IGNOU, Regional Center, Nagpur

Guest of Honor : **Dr. Sandhya Nair**  
Principial, R.S. Mundle  
Dharampeth College, Nagpur

## Day - 2

Date : Monday, 25th February, 2019

**Technical Session - I : ( 10.00 am to 11.30 pm)**

Resource Person : **Dr. Shirish Chindhade**  
NAAC Assessor  
M.U. College of Commerce, Pimpri, Pune.

Topic : **Measuring Outcomes**

**Technical Session - II : (11.30 pm to 1.00 pm)**

Resource Person : **Dr. M. Rajivlochan**

Topic : **Innovations and Best Practices**

Lunch Break : (1.00 pm to 2.00 pm)

**Technical Session - III : (2.00 pm to 3.30 pm)**

Resource Person : **Dr. Shirish Chindhade**

Topic : **Good Documentation**

Tea Break : 3.30 pm to 4.00 pm

**Valedictory Program : (4.00 pm to 5 pm)**

Chairperson : **Dr. Siddharthavinayaka P. Kane**  
Hon'ble Vice-Chancellor, RTMNU, Nagpur

Guest of Honor : **Dr. Neeraj Khaty**  
Hon'ble Officiating Registrar, RTMNU, Nagpur

### CHIEF PATRON

#### RTMNU, NAGPUR

#### COLLABORATING INSTITUTIONS

- |   |  |
|---|--|
| 1. Hon'ble Dr. Siddharthavinayaka P. Kane<br>Vice-Chancellor, RTMNU, Nagpur | 1. Adv. Ulhas Aurangabadkar<br>President, Dharampeth Education Society, Nagpur     |
| 2. Hon'ble Dr. Pramod Yeole<br>Pro-Vice Chancellor, RTMNU, Nagpur           | 2. Shri. Dinesh Wanjari<br>President, Shri. Santaji Shikshan Vikas Sanstha, Nagpur |
|   | 3. Shri Kishor Umathe<br>Secretary, Satimata Shikshan Sanstha, Nagpur              |
|   | 4. Dr. Smt. Aruna Babhulkar<br>President, Martru Seva Sangh, Nagpur                |
|   | 5. Shri. Satyanarayanji Nuwal<br>Vice Chairman RCOEM, Nagpur                       |

#### RTMNU, NAGPUR

### PATRON

#### COLLABORATING INSTITUTIONS

- |   |  |
|---|--|
| 1. Dr. Neeraj Khaty<br>Officiating Registrar, RTMNU, Nagpur     | 1. Adv. Sanjiv Deshpande<br>Vice President, Dharampeth Education Society, Nagpur     |
| 2. Dr. Raju Hiwase<br>Finance & Accounts Officer, RTMNU, Nagpur | 2. Shri. Ratnakar Kekatpure<br>Secretary, Dharampeth Education Society, Nagpur       |
| 3. Dr. Pramod Sharma, Dean                                      | 3. Smt. Mandatai Umathe<br>President, Satimata Shikshan Sanstha, Nagpur              |
| 4. Dr. Vinayak Deshpande, Dean                                  | 4. Dr. Lata Deshmukh<br>Secretary, Matru Seva Sangh, Nagpur                          |
| 5. Dr. G. S. Khadekar, Dean                                     | 5. Shri. Yash Wanjari<br>Jt. Secretary, Shri. Santaji Shikshan Vikas Sanstha, Nagpur |
| 6. Dr. Smt. Rajshree Vaishnav, Dean                             | 6. Shri. Chandrakantbhai Thakar<br>Vice Chairman RCOEM, Nagpur                       |

### Chief Organising Secretaries

- |                     |                    |
|---------------------|--------------------|
| Dr. Suresh Zade     | Dr. Rajesh Pande   |
| Dr. Akhilesh Peshwe | Dr. Dnyanesh Naik  |
| Dr. Priya Wanjari   | Dr. John Menachery |

### Organising Secretaries

#### RTMNU, NAGPUR

#### IQAC CO-ORDINATORS / MEMBERS OF COLLABORATING INSTITUTIONS

- |                           |                                 |
|---------------------------|---------------------------------|
| 1. Dr. Manoj Rai          | 1. Dr. Niranjana Deshkar        |
| 2. Dr. Veena Prakash      | 2. Dr. Keshav Walke             |
| 3. Dr. Anant Deshmukh     | 3. Dr. Mrs. Archana Kulkarni    |
| 4. Dr. D. B. Malpe        | 4. Dr. Neehal Sheikh            |
| 5. Dr. D.D. Barsagade     | 5. Dr. Ratnakar Lanjewar        |
| 6. Dr. Sanjay Dhoble      | 6. Dr. Sameer Naim              |
| 7. Dr. Rajendra Kakde     | 7. Dr. Shrikant Pajankar        |
| 8. Dr. Arti Shanware      | 8. Dr. Vaishali Meshram         |
| 9. Dr. Kirtikumar Randiwe | 9. Dr. Prince Agashe            |
| 10. Dr. Shyam Koreti      | 10. Dr. Meghana Hasammis        |
| 11. Dr. Abhay Deshmukh    | 11. Prof. Mrs. Arati Karandikar |





महाराष्ट्र MAHARASHTRA

2018

UT 524543

10 APR 2019

Stamp Head Clerk / Sr. Clerk

### Memorandum Of Understanding

#### **Collaboration in One-day Intercollegiate Multidisciplinary Workshop on "Patenting"**

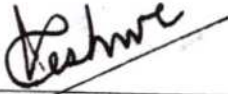
Patent or licence is an exclusive right granted by the government to the inventor for an invention which is new and an inventive solution to an existing technological problem. Patent rights are granted for limited periods of time in exchange for complete public disclosure of the invention. Patent excludes others from making, using, or selling a patented invention. This is an important aspect in Intellectual Property Rights (IPR). It's important for the academic community to learn more about who grants a patent; How can one apply for a patent; What are the procedures to apply for a patent; and many other important aspects of patenting with rapid changes in the intellectual domain, it is paramount for the professional in the field of academics to be familiar with various aspects of intellectual property rights. In view of the above facts, it has been decided to organize a "One-day Intercollegiate Multidisciplinary Workshop on patenting" under the aegis of Dharampeth M.P.Deo Memorial Science College, Nagpur, Dr. M.K.Umathe College, Nagpur, and Matru Sewa Sangh Institute of Social Work, Nagpur on dated 23<sup>rd</sup> April 2019. This Multidisciplinary Workshop is expected to bring into sharp focus the significance of patenting and its various procedures and formalities.

The above three organizations have therefore decided to work in collaboration for the success of the above stated Multidisciplinary intercollegiate Workshop.

धरमपथ प्रतिज्ञापत्रासाठी
दि. 20.4.19
विक्रम घणान्याचे नाव N. M. Umathe एम. पी. देव मेमोरियल आरम्भ, नागपूर
जिल्हा अधिकारी कार्यालय परिसर, नागपूर
मिलेश पी. जाधवकर
मुद्रांक विक्रेता, ला.क्र. 24/19, कोड क्र. 8609099
जिल्हा अधिकारी कार्यालय परिसर, नागपूर

Hence this Memorandum of Understanding.

Signed on this 20<sup>th</sup> day of April in the year Two Thousand and Nineteen.



For Dharampeth M.P. Deo  
Memorial Science, College,  
Nagpur  
Principal



For Dr.M.K. Umathe College  
Nagpur  
Principal



For Matru Seva Sangh Inst.  
of Social Work, Nagpur  
Principal

In the Presence of Witness (Name & Address):

1. (Name) 

Dharampeth M.P. Deo Memorial Science College, Nagpur

2. (Name) 

Dr. M.K. Umathe College, Nagpur





## Dharampeth M. P. Deo Memorial Science College, Nagpur

Academic Session: 2018-19

### Activity Report

1)	Name of the Department	:	Dharampeth M. P. Deo Memorial Science in collaboration with Santaji Mahavidyalaya, Nagpur and Dr. M. K. Umathe College, Nagpur
2)	Name of the Activity	:	Faculty Development Program
3)	Date	:	05-03-2019
4)	Class	:	Principals, IQAC Coordinators, Steering Committee Coordinators, Members of Steering Committee, Teachers from colleges
5)	Teacher In charge	:	Dr. R. B. Lanjewar
6)	Name of Resource Person	:	Dr M R Kurup, Vaze College, Mumbai
7)	Topic	:	'STUDENT SATISFACTION SURVEY: SCOPE & CHALLENGES'.
8)	Venue	:	APJ Abdul Kalam Hall
9)	Number of students participated	:	- 42
10)	DVV Format	:	List of Participants
11)	Outcome	:	<p>The FDP provided information regarding the purpose of student satisfaction survey as an important means of institutional feedback. The program also highlighted that this feedback will help in achieving the vision and mission of Institutions</p> <p>The FDP emphasized the role of the Structured Questionnaire which is framed of 20 Objective &amp; 1 Subjective Question, where the students will be asked to give three observations/suggestions to improve the overall teaching--learning experience in the institution. It also</p>

		highlighted the areas left untouched in the newly drafted proforma.
12)	Photos	: Yes
		



**Dr. R. B. Lanjewar**  
IQAC Coordinator

**CO ORDINATOR**  
INTERNAL QUALITY ASSURANCE CELL  
DHARAMPETH, M. P. DEO MEMORIAL &  
SCIENCE COLLEGE, NAGPUR



**Dr. Akhilesh Peshwe**  
Principal

**Principal**  
Dharampeth M.P. Deo Memorial  
Science College, Nagpur.



Faculty Development Programme

Name of Activity: ON STUDENT SATISFACTION SURVEY Date:- 05/03/2019

Sr. No.	Name of the Student	Signature	Contact No	Email-id
1	Dr. K.M. Patarkar	[Signature]	9850301939	kmpatarkar@gmail.com
2	Dr. V. A. Meshram	[Signature]	775590726	vaishali296@rediffmail.com
3	Dr. V. V. Rangari	[Signature]	9890364522	vangarivarshali@gmail.com
4	Mrs. R. K. Kulat	[Signature]	9822141123	ranjanakulat@gmail.com
5	Mrs. Ruma R. Kapre	[Signature]	9423110272	kuma_kapre@yahoo.co.in
6	A. P. T. Humane	[Signature]	9970468635	aareenapa2004@rediffmail.com
7	U. Dr. P. W. AMBEKAR	[Signature]	9423628492	pacific0701@gmail.com
8	Dr. Shraddha Deshpande	[Signature]	9860042850	shraddhadeshpande220@gmail.com
9	H. R. Siddewar	[Signature]	9765111662	hrstiddewar3@gmail.com
10	Dr. S. M. Sontakke	[Signature]	9822640872	smilcantsonentakke78@gmail.com
11	Dr. Sanjay Khalatkar	[Signature]	9850336238	sanjaykhalatkar@gmail.com
12	Prof. Jagdish watmode	[Signature]	9552801720	jagdishwatmode26@gmail.com
13	Prof. Sunil Ramteke	[Signature]	9423110188	ramtekesunil2004@gmail.com
14	Prof. Sameer Naum	[Signature]	9860228136	sameernaimot@gmail.com
15	Dr. Shrikant R. Pajankar	[Signature]	9323551122	shrikantpajankar@gmail.com
16	Dr. R. B. Selumkar	[Signature]	9822588892	selumkar463@gmail.com
17	H. B. Lonjewar	[Signature]	9422164984	lonjewar-horshwarandkum@rediffmail.com
18	Vinod B. Khedkar	[Signature]	9421537123	khedkarvinod@gmail.com
19	Dr. Vijay K. Bansod	[Signature]	9473120280	bansodvijay1@gmail.com
20	Dr. Rahul D. Kalode	[Signature]	9860552171	rahulkalode9@gmail.com
21	Mrs. Snehal A. Narale	[Signature]	9890336139	snehal.narale2012@gmail.com
22	Dr. M. J. Dhongade	[Signature]	7709131732	madhukar20809@gmail.com
23	Dr. M. R. Dahot	[Signature]	9822495323	dahot.mamala@gmail.com
24	Dr. S. H. Wakode	[Signature]	9975511450	sushirothe@gmail.com
25	Prof. Manisha A. Pahl	[Signature]	9665824767	selumkarmanisha@gmail.com
26	Dr. Prachi A. Rode	[Signature]	9422840800	prachiarode@gmail.com
27	Dr. Geeta R. Ambarkar	[Signature]	9422103764	geetaambarkar@gmail.com
28	Mayuri M. Sawarkar	[Signature]	8552833224	mayuri.sawarkar08@gmail.com
29	Rekha D. Pachali	[Signature]	9960362996	mishram22@yahoo.com
30	Prof. Vijaya R. Gayakwad	[Signature]	9822438641	vijayarajayakwad79@gmail.com
31	Prof. Manjini S. Raut	[Signature]	9096764248	manjini.raut6@gmail.com
32	Kirti R. Dekate	[Signature]	9011054604	Dekate-kirti85@rediffmail.com
33	Dr. Kavita R. Borkar	[Signature]	9730538882	KavitaBorkar52@gmail.com
34	Dr. Kalpana R. Tekade	[Signature]	9970835969	tekade.kalpana@gmail.com
35	Dr. Ujjwala S. Salve	[Signature]	9552818895	ujwalasalve.2212@gmail.com

Teacher In-charge



Dharampeth M. P. Deo Memorial Science College, Nagpur

Academic Session: 2018-2019



Faculty Development Programme

Name of Activity: ON STUDENT SATISFACTION SURVEY

Date:- 05/03/2019

Sr. No.	Name of the Student	Signature	Contact No	Email-id
36	Dr. Manju N. Dubey		9960551181	librarysmdacc@gmail.com
37	Dr. Neehal R. Sheikh		9922299898	neehar929@gmail.com
38	Dr. Vaishali Meshram		8983391596	drvaishalimeshrm@gmail.com
39	Dr. Archana Kyikanni		9823374091	archanakykanni6212@gmail.com
40	Dr R. B. Lanjewar		9881021205	rb_lanjewar@sachinmail.com
41	Dr. A. V. Peshve		9422313334	akhilshpeshve@yahoo.com
42	Dr. K. P. Gaikwad		9923103586	np.gaikwad@rediffmail.com

Teacher In-charge

**DHARAMPETH M. P. DEO MEMORIAL SCIENCE COLLEGE,  
North Ambazari Road, Near Ambazari Lake, Nagpur**

**NAAC ACCREDITED GRADE 'A' WITH CGPA 3.01 (Third Cycle)**

## **CRITERION-III**

**Research, Innovations and Extension**

# **YEAR-5**

# **2017-18**

**3.5.1**

**Number of MoUs, collaborations / linkages for Faculty exchange,  
Student exchange, internship, field trip, on-the-job training,  
research and other academic activities during the years 2017-18**

**SSR: 2023 FOR NAAC FOURTH CYCLE**



**DHARAMPETH M. P. DEO MEMORIAL SCIENCE COLLEGE,**

**NAGPUR**

**3.5.1**

**Number of MoUs, collaborations / linkages for Faculty exchange, Student exchange, internship, field trip, on-the-job training, research and other academic activities during the years 2017-18**

**List of MOUs & Activities Conducted**

<b>Sr. No.</b>	<b>Name of the MoU / Collaboration / linkage</b>	<b>Year of Signing of MoU/ Collaboration / Linkage</b>	<b>Duration of MoU / collaboration / linkage</b>	<b>Name of Activity</b>
1.	Anugami Lokrajya Mahaabhiyan (ANULOM)	2017-18	1 year	Vikas Melava
2.	Quick Heal Foundation	2017-18	1 year	Cyber Security Awareness
3.	Prabhat Tours & Travels, Nagpur	2017-18	1 year	Botanical Excursion

**Prof. Pitambar Humane**  
IQAC Co-ordinator

**CO ORDINATOR**  
INTERNAL QUALITY ASSURANCE CELL  
DHARAMPETH, M. P. DEO MEMORIAL &  
SCIENCE COLLEGE, NAGPUR

**Dr. Akhilesh Peshwe**  
Principal

**PRINCIPAL**  
DHARAMPETH M. P. DEO  
MEMORIAL SCIENCE COLLEGE  
NAGPUR



# Memorandum of Understanding

Between

Anugami Lokrajya Mahaabhiyan (ANULOM)

&

Dharampeth M. P. Deo Memorial Science College

1. Copy to Dr. Langiswar  
IPAC coordinator

2. Original  
copy to Dr. Humne  
Humne

3.

This MOU is signed on 24 November Day of 2017 between Anugami Lokrajya Mahaabhiyan (ANULOM) who will herein after be known as Party no 1 and Dharampeth Education Society's Dharampeth M. P. Deo Memorial Science College, Nagpur who will hereinafter be known as Party No 2. for conducting various social extension and community oriented activities on the following conditions:

1. That Party No 1. (ANULOM) in organizing a special VIKAS MELAVA for voluntary organizations function in the East Vidarbha Region.
2. That Party No 1. (ANULOM) will invite about 2000 to 2500 people to attend the VIKAS MELAVA on January 7 ., 2018
3. That Party No 2. Dharampeth M. P. Deo Memorial Science College will make the play ground available for the inaugural function/ exhibition stalls etc. without any cost.
4. That Party No 2. Will allow the use of available classrooms on the ground floor of the old building, Pathak Sabhagruh and the available open areas for the technical sessions.
5. That Party No 1 will make all the necessary arrangements for the presentations if required
6. That Party No 1 will take entire responsibility to clean up the premises after the exhibition/programme / before January 9, or within 24 hours after the programme is over
7. That Party No 1 will take entire responsibility to maintain the washrooms by hiring an outside agency or by taking help from Government Agency continuously during the programme.
8. That Party No 1 will ensure cleanliness of the premises and proper repair of the playground and will not do any unnecessary damage to the play areas or building structure.
9. That Party No 2 will allow erection of the stage and their required set-ups from January 04 ., 2018.
10. That all the structures/sets/ assemblies build or constructed will be immediately removed within 48 hours after the programme is over on January 7, 2018 by party no 1.
11. That party no 1 and Party no 2 will cooperate and organize special camps in rural areas to extend community service involving interested students/ NSS and NCC Cadets and make efforts to promote government schemes and facilities available to the distressed rural citizens /farmers.

Signature

*B. Ramankar*

Party No 1

Authorized Person

(Vibhag Insevak East Vidarbha)

Party No. 2

Authorized Person

(Principal)

*Keshma*

Principal  
Chhampath M.P. Geo Memorial  
Science College, NAGPUR

WITNESS

1) A. B. Moghe

- *ABmoghe*



2) R. P. Kshirsagar

- *Rshirsagar*



**Dharampeth M. P. Deo Memorial Science College, Nagpur**  
**Academic Session: 2017-18**

**Criteria: III**

1)	Name of the Department	:	NSS
2)	Name of the Activity	:	Farmers Melawa
3)	Date	:	7 <sup>th</sup> Jan., 2018
4)	Class	:	NSS Volunteers
5)	Teacher In charge	:	Dr. Pitambar Humane
6)	Name of Resource Person	:	ANULOM Authorities
7)	Topic	:	Anulom Vikas Melawa
8)	Venue	:	College Ground
9)	Number of students participated	:	29
10)	DVV Format	:	List of students and photographs
11)	Outcome	:	NSS Volunteers were participated as volunteer in this programme. More than 2500 farmers were participated to take the benefit of this program. The volunteers were given the responsibility to handle various tables for helping the participant farmers from all parts of the Vidharbha.
12)	Photos	:	
			

**Dr. R. B. Lanjewar**  
IQAC Coordinator

Name & Signature of Teacher In-Charge

**Dr. Anillesh Peshwe**  
Principal

**DHARAMPETH M. P. DEO MEMORIAL SCIENCE COLLEGE, NAGPUR**

**NATIONAL SERVICE SCHEME (NSS)**

**ANULOM PROGRAM, 7<sup>th</sup> January, 2018**

**LIST OF PARTICIPANTS**

SR. NO.	NAME OF STUDENTS	SIGNATURE 1	SIGNATURE 2	SIGNATURE 3
1	Prihi S. Borge		B.Sc III <sup>rd</sup> y	✓
2	Vinay Mathure		BSC III <sup>rd</sup> y	
3	Pooja Patil	P.U. Patil	B.Sc III <sup>rd</sup> y	✓
4	Poanay Mahiya		B.Sc. III <sup>rd</sup> y	✓
5	Riddhi Paguey		Bsc. 1st	✓
6	Sharvati Foshi		BSC. 1st	✓
7	Apeksha Deshkar		B.Sc 1st	✓
8	Shraddha Himpak		B.S.C-2 <sup>nd</sup>	✓
9	Shraddha Surtkar		B.Sc-2 <sup>nd</sup>	✓
10	Ankita D. Buehlye		B.Sc. 3 <sup>rd</sup>	✓
11	Praveeni P. Cite		B.Sc. 3 <sup>rd</sup>	✓
12	Ruthmini Dabekar		B.Sc II <sup>nd</sup> year	✓
13	Pranay D. Khedkar		B.S.C III <sup>rd</sup> sem	
14	Vaibhavi. Tichkule		B.S.C I <sup>st</sup> sem	✓
15	Aishwarya Tejkar		Bsc. I <sup>st</sup> sem	✓
16	Anuja Malakar		BSC I <sup>st</sup> sem	✓
17	Sandip Charkar		Bsc. I <sup>st</sup> sem	
18	Sandip Hapka		BSC- I <sup>st</sup> sem	
19	Dattaraj D. Bhange		B.S.C-I <sup>st</sup> sem.	✓
20	Mayuri Mishra		Bsc. I <sup>st</sup> sem	✓
21	Aachal Selokar		BSC I <sup>st</sup> sem	✓
22	Bhagyashree S. Khambhale		BSC I <sup>st</sup> sem	✓
23	Poonima Malaye		BSC IV <sup>th</sup> sem	
24	Kalyani Aglame		BSC IV <sup>th</sup> sem	
25	Anurmini Dabekar		B.S.C IV <sup>th</sup> sem	✓
26	Shraddha Paul		B.S.C IV <sup>th</sup> sem	✓
27	Gautami R Uskelkar		B.Sc IV <sup>th</sup> sem	✓





Dharampeth Education Society's  
**DHARAMPETH M. P. DEO MEMORIAL  
SCIENCE COLLEGE**

Near Ambazari Lake, North Ambazari Road, Nagpur 440 033 (M.S.)  
Contact : +91 712 2241372 / 2241490 Fax: +91 712 2241125  
www.dharampethscience.com

**DR. AKHILESH V. PESHWE**  
M.A., M.Ed. (USA), LL.B., Ph.D.  
PRINCIPAL

Contact : +91 94223 13334  
Email : principal\_dsc@rediffmail.com

Ref. No. : DSC/SR/JR/103/2014-18

Date : 14/07/2017

MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding ("MOU") is made on the 14<sup>th</sup> day of July, 2017 at Pune

by and between

Quick Heal Foundation, registered under Bombay Public Trusts Act 1950 and obtained a registration under section 21 of the said Act, having its registered office 603 Mayfair Tower II, Wakdewadi, Shivaji Nagar Pune 411005, (hereinafter referred to as "First Party /QHF" which expression shall, unless it be repugnant to the subject or context thereof, include its successors and permitted assigns) acting through its authorised representative Mr. Ajay Shirke, the Authorized Signatory, of QHF.

AND

Dharampeth M. P. Deo Memorial Science College , having its registered office at Near Ambazari Lake, North Ambazari Road, Nagpur 440033(M. S.) (hereinafter referred to as "Second Party / DSC" which expression shall, unless it be repugnant to the subject or context thereof, include its successors and permitted assigns) acting through its authorized representative Dr. Akhilesh Peshwe, the Principal of Dharampeth M. P. Deo Memorial Science College, Nagpur.

QHF and DMPDMSC are hereinafter individually referred to as "Party" and collectively as "Parties".

WHEREAS,

- QHF is a non-profit, non-religious, non-political organization involved in social work with one of its key area creating cyber awareness amongst school children and college students by conducting seminars and workshops free of cost.
- DMPDMSC is affiliated to RTMNU and recognized by UGC;



- C. **DMPDMSC** is recognized for its work, inter alia, in the development of human values in the past many years. The detailed objectives which CALC proposes to achieve are set out in Schedule I of this MoU ("hereinafter referred to as "Project").
- D. For the purpose of implementing the Project, first party has submitted a Project Proposal dated.....2017 to second party under the scheme/Project CALC to the tune of Rs...../.. As per schedule III as a grant which shall be utilized by second party for meeting the Project Cost (more particularly set out in Schedule III).
- E. Therefore, to further the objectives of the Project under CALC, QHF has agreed to provide upto a sum of Rs. As per schedule III as grant ("Grant Amount"). The Grant Amount shall be provided to Second Party only after successfully and satisfactory implementation of the Project;

NOW THEREFORE, THESE PRESENTS WITNESSES AS FOLLOWS:

#### I. DEFINITIONS

1.1 In this MoU, unless the context otherwise so requires, the following expressions shall have the meanings as set out against each of it, v.i.z.:

- (i) "**Authority**" shall mean and include any applicable legislative body, regulatory or administrative authority, agency or commission, or any court, board, bureau, instrumentality, tribunal, or judicial or quasi-judicial or arbitral body having authority of law;
- (ii) "**Business Day**" shall mean a day on which the office of the First Party as described in this MoU, or such other office as may be notified by the First Party to the Second Party, is open for normal business transactions;
- (iii) "**Constitutional Documents**" shall mean the registration documents of Second Party filed at the time of its registration and any amendments thereto;
- (iv) "**Facility Agreements/Documents**" shall collectively mean and include this MoU, CSR Guidelines, Project Proposal, Proposal Documents, Project Approval, Board Resolutions issued by the First Party in respect of Grant Amount to the Second Party and all or any other MoUs, instruments, undertakings, deeds, writings and other documents executed or entered into, or to be executed or entered into by the Second Party and/or any other person (whether financing, security or otherwise) in relation to or pertaining to the transactions contemplated by or under this MoU and/or the other Facility Agreements, as amended from time to time;
- (v) "**Grant Amount**" shall mean an amount of a sum up to Rs. As per schedule III, which the First Party had agreed to provide to the Second Party for the implementation of the Project;





- (vi) **"Project Monitor"** shall mean an authorized person appointed from time to time by the First Party from time to time at its sole discretion for the purpose of monitoring and inspection of the implementation of the Project under this MoU;
- (vii) **"Law"** shall mean and include any statute, law, treaties, rule, regulation, ordinance, guideline, notification or any requirement, restriction, authorization, order, directive, permit, judgment, decree having the force of law and shall include any re-enactment, substitution or amendment thereof that is applicable to any transactions contemplated herein and/or to any other Facility Agreement, and/or to any of the respective Parties to this MoU and/or any Facility Agreements. The term 'Law' shall not include the Governing Law;
- (viii) **"Material Adverse Effect"** shall mean the effect or consequence of any event or circumstance which, is or is likely to be detrimental to or to adversely affect the ability of either Party to perform or comply with any of their respective obligations under this MoU;
- (ix) **"Project Approval"** shall mean the approval granted in response to the Project Proposal mentioning *inter-alia* the amount.;
- (x) **"Project Documents"** shall mean all the manuals, records, registers and all other documents maintained by the Second Party exclusively in relation to the implementation and progress of the Project;
- (xi) **"Project Monitoring Report"** shall mean the report containing the monitoring and status of implementation of the Project on various parameters as per terms of this MoU including but not limited to the provisioning of travel, boarding and lodging to the student/participant by the Second Party, training provided to the student/participant, provisioning of internship opportunities to the student/participant during the course of training with or without basic stipend;
- (xii) **"Project Proposal"** shall mean the proposal submitted by the Second Party for the Grant Amount required for implementing the Project, mentioning *inter-alia* the project cost, benefits from the Project etc., the copy of the same is annexed herewith as Schedule V;
- (xiii) **"Schedule(s)"** means the Schedule(s) to this MoU and which forms an integral part of this MoU;
- (xiv) **"Taxes"** shall mean and include all present and future taxes, levies, imposts, duties or charges of a similar nature whatsoever imposed or exempted by any Authority;
- (xv) **"Term"** shall have the meaning ascribed to it under Article V;
- (xvi) **"Certificate"** shall mean the certificate to be submitted by the Second Party at the end of every quarter on the progress/update on the Project.

## II. GENERAL TERMS



2.1 (i) The First Party hereby agrees to release the Grant Amount up to a sum of Rs. As per schedule III on successfully and satisfactory completion of the Project.;

(ii) The Second Party further agrees to perform the Project as per the Project Proposal and shall comply with the said guidelines and amendments thereto, if any;

(iii) The Second Party shall select students/participants in the Project in accordance with the student/participant eligibility criteria as detailed in Schedule II. It is however clarified that such selection of students/participants shall be as per Second Party's requirements and at its sole discretion thereto.

(iv) The disbursements of the Grant Amount shall be made by the First Party as per the disbursement schedule provided in Schedule III of this MoU;

(v) The disbursements shall be credited by the First Party into a separate/ designated bank account of the Second Party for grants disbursed under this MoU. All the related collection/remittance/other charges in relation to obtaining the Grant Amount will be borne by the Second Party;

(vi) The First Party, in its own discretion, may reduce the Grant Amount, for each student/participant that withdraws from the Project and is not replaced by the Second Party, by average participant cost as detailed in Schedule III for the period that a place was unfilled. The First Party shall however be obliged to reimburse all amounts incurred by the Second Party in respect of such withdrawn (and not replaced) student. In addition, any excess amounts incurred by the Second Party in relation to the training for the incumbent student shall also be reimbursed by the First Party;

(vii) The Second Party shall be severally liable to comply and fulfill all its obligations under this MoU;

(viii) If the Second Party fails, omits or neglects to observe or perform or commits or allows to be committed a breach of any of the terms, conditions, provisions or stipulations of this MoU or in connection with any other Facility Agreements on its part to be observed and performed or in case of occurrence of any Material Adverse Effect ("Default"), then the First Party shall give written notice to Second Party to rectify the said default within a period of \_\_ days, failing which the First Party shall be entitled to initiate appropriate legal proceedings including termination along with damages, interests and expenses without prejudice to any other right or remedy which the First Party may have under this MoU or otherwise in law..



(ix) The Second Party agrees that if as a result of review by the First Party or 'Project Monitor', it is of the opinion that the Second Party has not implemented/nor is likely to implement the Project within the Project Cost as provided in Schedule III and/or in accordance with the financing plan as per the Project Proposal, the First Party shall be entitled to terminate this MoU;

(x) Notwithstanding termination of this MoU, the Second Party's obligations shall be limited only to complete the training to the enrolled students/participants of the Project as per the Project Proposal for which the First Party shall reimburse the accrued costs as per the terms and conditions of this MoU. It is further agreed that in the event of termination of the MOU, the Second Party shall not be under any obligation to continue enrollment of any new students/participants;

(xi) The Second Party may apply and/or obtain any loan or further grant from any third party during the term of this MoU in respect of the Purpose/Project only with the prior written approval of First Party other than what has been approved in the Project Proposal;

(xii) The Second Party shall submit all necessary and relevant documents as per the Project Proposal to the complete satisfaction of the First Party and shall submit a certificate within one month of the completion of the training to the students enrolled under the Project.

### III. SECOND PARTY'S REPRESENTATIONS AND WARRANTIES

3.1 Second Party hereby makes the following representations, warranties and confirmations; and state that the same are true, correct, valid and subsisting in every respect as on the date of this MoU and shall remain true, correct, valid and subsisting in every respect as on the date of each disbursement by the First Party hereunder:-

i) That the information given in the Project Proposal and any prior or subsequent information or explanation furnished by the Second Party to the First Party are true, bona fide and accurate in all material respects.

ii) That the Second Party is duly incorporated and validly existing under the Laws of India and is in compliance of all applicable laws and possesses all statutory approvals and compliance for the execution of this MoU and the other Facility Agreements and for implementation of the Project.

iii) That the Second Party does not violate any covenants, conditions and stipulations of any of its existing agreement and shall at all times abide by all the terms and conditions of this MoU and other Facility Agreement(s).

iv) It has the necessary infrastructure and assistance of high reputes along with appropriate content, technical inputs and instruments required for implementing the Project.



#### IV. COVENANTS

4.1 During the subsistence of this Project and/or the MoU, the Second Party hereby agrees to:

**(i) Promptly notify the First Party;**

- (a) of any event or circumstance which would, or is likely to, result in any of the representations and warranties made by the Second Party hereunder becoming untrue, incorrect or misleading in any manner;
- (b) of any circumstance or event which would, or is likely to interfere in/prevent/delay the proper implementation of the Project, or other similar happenings likely to have a Material Adverse Effect on the Project;
- (c) of any material loss or damage which the Second Party may suffer due to any event, circumstances or act of God;

**(ii) Deliver to the First Party:**

- (a) Project Monitoring/Implementation Reports agreed upon by both parties shall be submitted by the Second Party to the First Party demonstrating the status of the Project every quarter on the Second Party letter head;
- (c) any other document as may be reasonably required by the First Party to implement the Project as per the terms of this MoU.

#### V. TERM AND TERMINATION

5.1 This MoU shall be effective from 1-April-17 ("Effective Date") and shall continue to be in effect for a period of 12 months till 31-March-18 or completion of the Project whichever is earlier ("Term"). However, upon expiry of the Term, the Parties may renew this Agreement for further period on mutually agreed terms and conditions.

5.2 The First Party may terminate or suspend this MoU, upon Fifteen (15) days written notice to the Second Party, in whole or in part for any material breach committed by the Second Party or upon happening of an event of Default under this MoU. Provided, that any portion of this MoU that is not terminated or suspended shall remain in force and effect.

#### VI. ASSIGNMENT

6.1 The Second Party shall not be entitled to assign any of its rights, benefits or obligations under this MoU and/or any other Facility Agreements without written consent of the First Party;

6.2 Save as aforesaid, this MoU shall be binding upon and shall ensure for the benefit of the First Party and its successors in title and assigns and the Second Party and its successors in title.

#### VII. GENERAL

7.1 Any notice by one Party to the other Party shall be in writing and posted, delivered personally with proper acknowledgment or sent by courier, registered



or certified mail or facsimile transmission to the Second Party's last known address and/or the address as specified hereto.

**First Party: QUICK HEAL FOUNDATION**

Registered office: Quick Heal Technologies Pvt. Ltd.,  
Office No. 603 , Mayfair Tower 2, Wakdewadi Shivaji Nagar Pune - 411 004  
Kind Attn.: Mr. Ajay Shirke  
Fax & E-mail: ajay.shirke@quickhealfoundation.org

**Second Party: Dharampeth M. P. Deo Memorial Science College , having its registered office at Near Ambazari Lake, North Ambazari Road, Nagpur 440033(M. S.)**

**Principal: Dr. Akhilesh V. Peshwe**  
Contact details: 9422313334/akhileshpeshwe@yahoo.com

**Single Point of Contact (SPOC) Person: Dr. Varsha V. Rangari**  
Contact Details: 9890364522/ rangarivarsha1@gmail.com

7.2 Time shall be the essence of this MoU in so far as it relates to the observance or performance by the Second Party of all or any of its obligations hereunder.

7.3 This MoU represents the entire MoU in respect of the Grant Amount between the parties and shall be capable of variation in writing by a note of amendment ("**Note of Amendment**") signed by an authorized representative on behalf of the First Party and the Second Party.

7.4 This MoU shall be governed and interpreted by, and construed in accordance with the laws of India. The parties hereto agree that the courts at Pune will have exclusive jurisdiction over the disputes arising out of this MoU.

7.5 The Parties understand and agree that in the course of Project execution under this MoU, it may have access to the documents which is confidential in nature. The Parties and its representative/employees shall be bound by the confidentiality obligations.

7.6 Parties acknowledges and agrees that either Party shall be the sole and exclusive owner of all its own work product and all patents, inventions, copyrights, trademarks, trade secrets, computer software code, confidential information and other intellectual property or proprietary rights as may exists before the execution of this MoU.

**7.7 Dispute Resolution**



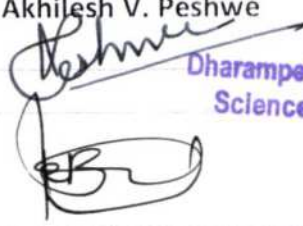


- a) Any claims, dispute and or difference (including a dispute regarding the existence, validity or termination of this MoU) arising out of, or relating



to this MoU including interpretation of its terms will be resolved through joint discussions of the Authorized Representatives of the Parties.

- b) If any such claim, dispute or difference cannot resolved through such joint discussions within 30 (thirty) days of the date of the notice of such dispute, then the matter will be referred for adjudication to the arbitration by nominating one Arbitrator mutually by Parties, and finally resolved by arbitration in Pune, India.
- c) Arbitration proceedings shall be conducted in accordance with the provisions of the Arbitration and Conciliation Act, 1996 for the time being in force which provisions are deemed to be incorporated by reference into this clause.
- d) The language of the arbitration shall be English. The award shall be final and binding on Parties.
- e) Where reference to the courts is necessary, the Parties hereby submit to the exclusive jurisdiction of the courts at Pune, India.

IN WITNESS THEREOF THE PARTIES IN THEIR FREE VOLITION AND FULL UNDERSTANDING WITH THE INTENT TO LEGALLY BIND THEMSELVES TO THIS MOU EXECUTE THIS MOU THROUGH THEIR DULY AUTHORIZED PERSONNEL'S

<p>SIGNED SEALED AND DELIVERED For "QUICK HEAL FOUNDATION"</p>   <p>Name: Mr. Ajay Shirke Designation: Manager, CSR</p>	<p>SIGNED SEALED AND DELIVERED For "Dharampeth M. P. Deo Memorial Science College , Nagpur"</p> <p>Name: Dr. Akhilesh V. Peshwe Principal</p>  <p>Principal Dharampeth M.P. Deo Memorial Science College, Nagpur.</p>
<p>Witness</p>  <p>Name: Sugandha Dani Designation: Executive, CSR</p>	<p>Witness:</p>  <p>Name: Dr. R. B. Lanjewar Designation: Associate Professor</p>



## **SCHEDULE I**

### **ACTIVITIES CONDUCTED**

1. Online course on "Cyber Security Awareness"
2. Earn & Learn Scheme
3. Faculty Development Program

## **SCHEDULE II**

### **ELIGIBILITY CRITERIA FOR STUDENTS/PARTICIPANTS IN THE PROJECT**

1. ELIGIBLE STUDENTS/PARTICIPANTS:
  - a. For Online Exam: Eligible student should be student of BCA, B.Sc.(CS/IT), MCA or M.Sc.(CS/IT) Full-time course
  - b. For Earn & Learn Scheme: Eligible student should be student of BCA, B.Sc.(CS/IT), MCA or M.Sc.(CS/IT) Full-time course
  - c. For FDP: Eligible faculty should be teaching C, C++ in current / previous academic year.

## **SCHEDULE III**

### **PROJECT COST & DISBURSEMENT SCHEDULE**

1. Rs. 500/- Stipend per presentation for student volunteer working under Earn & Learn scheme and successfully completed 5 presentations where each presentation has at least 200 participants.
2. Rs. 200/- per presentation for faculty / college to take ownership of monitoring conduction of successful presentations by students and reporting in prescribed format to QHF.
3. Disbursement of payment will be done only after receipt of required documents.
4. Presentations must be done with Quick Heal Foundation's banner.
5. Feedback forms must have signature of school authority and stamp.
6. In-charge - Faculty deputed to monitor Earn & Learn Activity must monitor presentation schedule and inform it to QHF time to time
7. In-charge - Faculty deputed to monitor Earn & Learn Activity must maintain all reports and send it to QHF timely

## SCHEDULE IV

### PROJECT PROPOSAL

To form Cyber Awareness Literacy Cell (CALC) in college and to conduct following activities:

1. Online course on "Cyber Security Awareness"

Objective:

1. To make the youth alert while working online
2. To prevent falling prey to cyber criminals
3. To stop youth from getting indulged in cyber-crimes or similar activities.

Number of beneficiary:

2. Earn & Learn Scheme:

Objective:

1. To select volunteers and train them to give presentations in schools.
2. To provide them stipend and intern certificate on successful completion of task.

Number of beneficiary:

3. Faculty Development Program

Objective:

1. To train faculties to enhance skill-set as per industry requirement
2. To make students employable
3. Encourage students to work on projects according to industry standards as much as possible.

Number of beneficiary: 2 faculties

## SCHEDULE IV

### ACTIVITIES AGREED TO CONDUCT

1. Online course on "Cyber Security Awareness"
2. Earn & Learn Scheme
3. Faculty Development Program





**Dharampeth M. P. deo Memorial Science College,  
Nagpur  
Best Practice**

**Name of the Department:** Electronics Department  
**Name of Teacher In-charge:** Prof. Mrs. Varsha Rangari  
**Session of Implementation:** 2017-18  
**Name of the Class for which the Best Practice was conducted:** Interested College Students  
**Number of students benefitted:** 10 School students, total students 3797.  
**Title of the Practice:** "*Cyber Security Awareness*"

**Objective of program:**

- To make the youth alert while working online.
- To prevent falling prey to cyber criminals
- To stop youth from getting indulged in cyber-crimes or similar activities.
- To select volunteers and train them to give presentations in schools.
- To provide them a stipend and intern certificate on successful completion of tasks.

**The Context:**

This activity started from this session 2017-18 in collaboration with Quick Heal Foundation, Pune. The mission of this activity is to keep the kids safe online. As kids grow up in this digital age, keeping up the latest trends and technology is part of everyday life. Parents, on the other hand, are oftentimes less savvy than their kids when it comes to cyber behaviour. And due to lack of cyber awareness many crimes are happening online and is bound to increase drastically in near future. Having sensed the potential online danger, MoU was signed with Quick Heal Foundation.

**The Practice:**

In the beginning of this academic year, MoU with Quick Heal Foundation, Pune was done. Interested college students were selected. They were trained by Quick Heal Foundation trainers. These students go to different colleges, take permission from the principal of that college and schedule their presentation. Before and after feedback from school students was taken after the presentation. Also remarks from the principal were taken. At the end of this activity stipend and intern appreciation certificate is given to volunteers.

**Evidence of Success:**

Year	Total No. of Volunteers	No. of School targeted	Total No. of Students Beneficiaries	Total Amount earn by the Volunteers
2017-18	10	10	3797	26,600/-

School students learn many things like how to be secure when online. From this activity student volunteers not only earn money or certificates but also enhance their personality and confidence level.


**Problems Encountered and Resources Required**


Being the first year, no school principals were allowing the student Volunteers for presentation. Then they were trained how to convince them. After that they were getting permission from the school which boosted up their confidence level.



**Prof. Pitambar Humane**  
IQAC Coordinator

**CO ORDINATOR**  
**INTERNAL QUALITY ASSURANCE CELL**  
**DHARAMPETH, M. P. DEO MEMORIAL &**  
**SCIENCE COLLEGE, NAGPUR**

  
Name and Signature of Teacher In-charge

  
**Dr. Akhilesh Peshwe**  
Principal  
Principal  
**Dharampeth M.P. Deo Memorial**  
**Science College, Nagpur.**



PROP. MANOHAR INKANE

# Prabhat TRAVELS

**Office :** Near Morris College Ground, Opp. Yeshwant Stadium, Chhoti Dhantoli, Nagpur - 440 012 ☎ : 2443323 / 2425580  
**Resi.:** Inkane's House, "Prabhat", N-48, Reshimbagh, NAGPUR - 440 009, ☎ : 2742097 Fax No. : 0712 - 2425580, Mobile : 9423102381, 9373115738 / 9373101200

Ref. No. : \_\_\_\_\_

## TO WHOMSOEVER IT MAY CONCERN


Date : \_\_\_\_\_

This is to certify that Party No 1. i.e., Prabhat Travels, Nagpur and Party No. 2 i.e. Department of Botany, Dharampeth M. P. Deo Memorial Science College, Nagpur have a functioning linkage on 1<sup>st</sup> June, 2017 for FIVE years, i.e., till 31<sup>st</sup> May, 2022. Under the linkage both the parties have agreed to conduct the Botanical Excursions. The following support / facilities on reasonable rate will be provided by Party No. 1 during botanical excursions to the students:

1. Travel support
2. Hospitality


### Signatories:

#### **Witness No 1:**

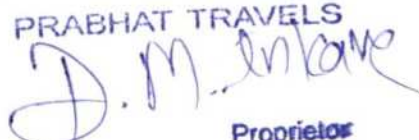
  
D. P. J. Humane

#### **Witness No 2:**

#### **Party No 1:**

  
Principal  
Dharampeth M.P. Deo Memorial  
Science College, Nagpur.



#### **Party No 2:**

PRABHAT TRAVELS  
  
Proprietor




**Dharampeth M. P. Deo Memorial Science College, Nagpur**  
**Academic Session: 2017-18**

**Criteria: I**

1)	Name of the Department	: BOTANY
2)	Name of the Activity	: Botanical Excursion
3)	Date	: 02.10.2017
4)	Class	: B. Sc. Part-I, II & III
5)	Teacher In charge	: Dr. Pitambar Humane
6)	Name of Resource Person	: Dr. Pitambar Humane
7)	Topic	: Field visit to observed flora in natural habitat.
8)	Venue	: Ziri, Ravanwadi and Korambi
9)	Number of students participated	: 100
10)	DVV Format	: NA
11)	Outcome	: The students from botany department were involved in botanical excursion to Ziri, Ravanwadi & Korambi. The tour was organized to show the flora in natural habitat. The lower plants as well as angiosperms were observed by the students.
12)	Photos	
		

  
**Dr. R. B. Lanjewar**  
IQAC Coordinator

Name & Signature of Teacher In-Charge

  
**Dr. Akhilesh Peshwe**  
Principal

DHARAMPETH M. P. DEO MEMORIAL SCIENCE COLLEGE, NAGPUR

DEPARTMENT OF BOTANY

LIST OF STUDENTS 2017 18

F-11

Sr. No.	Name of Student	Amt deposited	Mobile No.		Signature	Signature of HOD	Assignment issued
			Self	Home			
1.	Aishwarya Chandrashekhar Gabhane <i>Aishwarya</i>	1200/-	7276579224	9765394185	<i>Aishwarya</i>	<i>Aishwarya</i>	<i>Aishwarya</i>
2.	Aman Rampher Dubey <i>Aman Dubey</i>		7875277384	9823493271	<i>Aman Dubey</i>	<i>Aman Dubey</i>	
3. <input checked="" type="checkbox"/>	Himanshu Kiran Gore <i>Himanshu</i>	1200/-	8668933957	7620018988	<i>Himanshu</i>	<i>Himanshu</i>	<i>Himanshu</i>
4.	Khushal B. Landge						
5.	Nikita Vijay Barve <i>N.V. Barve</i>		9834321291	9372415039			<i>N.V. Barve</i>
6.	Pradnya J. Khandase						
7.	Pragati Ganesh Shrivastava						
8.	Preeti Prabhakar Kude <i>Preeti</i>	1200/-	9764430795	8600955022	<i>Preeti</i>	<i>Preeti</i>	<i>Preeti</i>
9.	Priya Manohar Khadakkar <i>Priya</i>	1200/-	9422444340	9373101840	<i>Priya</i>	<i>Priya</i>	<i>Priya</i>
10.	Priyanka Hinchhalal Mishra <i>Priyanka</i>		9175277087	9970939662			<i>Priyanka</i>
11.	Priyanka Wasudeo Chourasiya <i>Priyanka</i>		9028582770	9028899512			<i>Priyanka</i>
12.	Radhika Rameshwar Khante <i>Radhika</i>	500/-	9049668619	7276230298	<i>Radhika</i>	<i>Radhika</i>	<i>Radhika</i>
13.	Renuka Sanjay Deshmukh <i>Renuka</i>		7276846340	9030104034	<i>Renuka</i>	<i>Renuka</i>	
14.	Renuka Suresh Lihutkar <i>Renuka</i>	1200/-	8237273594	9970362254	<i>Renuka</i>	<i>Renuka</i>	<i>Renuka</i>

15.	Ritik Ravindra Gajbhiye	<i>Ratik</i>	1200/-	9168366855	9923149204	<i>Ratik</i>	<i>Amt</i>	<i>Ratik</i>
16.	Rohit Randhir Katole	<i>Rohit</i>	1200/-	7218797146	9503064890	<i>Rohit</i>	<i>Amt</i>	<i>Rohit</i>
17.	Rupali Ganeshlal Gupta							
18.	Samiksha Dilip Ladse							
19.	Saurabh Kiran Markam	<i>Saurabh</i>	1200/-	9767424366	9960530217	<i>Saurabh</i>	<i>Amt</i>	<i>Saurabh</i>
20.	Sayali Vijay Rathod	<i>Sayali</i>	1200/-	9894685843	8888311975	<i>Sayali</i>	<i>Amt</i>	<i>Sayali</i>
21.	Sumedh Nagsen Sukhadeve	<i>Sumedh</i>	1200/-	7248976719	9850267831	<i>Sumedh</i>	<i>Amt</i>	<i>Sumedh</i>
22.	Yashika Sharadprasad Pal	<i>Yashika</i>	1200/-	9595426351	9834695855	<i>Yashika</i>	<i>Amt</i>	<i>Yashika</i>
23.	Pratiksha Kshirsagar (F12)	<i>Pratiksha</i>	1200/-	9495893335	8888527352	<i>Pratiksha</i>	<i>Amt</i>	<i>Pratiksha</i>
24.	Khushal B. Lanage	<i>Khushal</i>	1200/-	7722072775	9007343055	<i>Khushal</i>	<i>Amt</i>	<i>Khushal</i>
25.	Aachal T. Selokar	<i>Aachal</i>	1200/-	9158864889	9923231631	<i>Aachal</i>	<i>Amt</i>	<i>Aachal</i>

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Sr. No.	Name of Student	Amt deposited	Mobile No.		Signature	Signature of HOD	Assignment issued
			Self	Home			
1.	Aashish S. Borkar						
2.	Akshay Sheshrao Kothe						
3.	Anoj G. Vairagade						
4.	Anuja Dattatray Malokar						

5. <input checked="" type="checkbox"/>	Apeksha Anilrao Deshkar	<u>Apeksha</u>	1200/-	9158016497	7276215043	<u>Apeksha</u>	<u>Amr.</u>	<u>Apeksha</u>
6. <input checked="" type="checkbox"/>	Apoorva Yuvraj Kadwe	<u>A.Y.Kadwe</u>	1200/-	9146364386	744750626	<u>A.Y.Kadwe</u>	<u>Amr.</u>	<u>A.Y.Kadwe</u>
7. <input type="checkbox"/>	Bhagyashree S. Khandekar	<u>Bhagyashree</u>	1200/-	9519743415	8888722315	<u>Bhagyashree</u>	<u>Amr.</u>	<u>Bhagyashree</u>
8. <input checked="" type="checkbox"/>	Dhanshree Gajanan Kapse	<u>Dhanshree</u>	1200/-	9860714224	8208442156	<u>Dhanshree</u>	<u>Amr.</u>	<u>Dhanshree</u>
9.	Divyani A. Marskole							
10.	Harsha Pravin Rajurkar	<u>Harsha</u>		9511271977	9766338811			<u>Harsha</u>
11.	Mayuri S. Alone	<u>Mayuri</u>		7083467988	9689979685			<u>Mayuri</u>
12.	Mohd Imran H. Jaafri							
13.	Nayan Gurudevji Kumbhare							
14. <input checked="" type="checkbox"/>	Nikita M. Zile	<u>Nikita</u>	1200/-	8598099024	980524539	<u>Nikita</u>	<u>Amr.</u>	<u>Nikita</u>
15.	Nikita Surendra Wankhede							
16.	Omshiv Suresh Jadhav	<u>Omshiv</u>		7447246739	9604918397			<u>Omshiv</u>
17.	Pooja Shankar Yadav	<u>Pooja</u>		7709685616	9823172515			<u>Pooja</u>
18.	Pradnyanshu Keshav Gajbhiye	<u>P.Gajbhiye</u>		8793483549	7385233299			<u>P.Gajbhiye</u>
19.	Pranay D. Khedkar	<u>Pranay</u>		9175541804	9769095962			<u>Pranay</u>
20. <input checked="" type="checkbox"/>	Punam Ramdas Madavi	<u>Punam</u>	1200/-	7038336487	9689878659	<u>Punam</u>	<u>Amr.</u>	<u>Punam</u>
21.	Sachin S. Naidu	<u>Sachin</u>	1200/-	9766771724	88056066388		<u>Amr.</u>	<u>Sachin</u>
22. <input type="checkbox"/>	Sandeep K. Hapka	<u>Sandeep</u>	1200/-	9158156318	7588010342	<u>Sandeep</u>	<u>Amr.</u>	<u>Sandeep</u>
23.	Sandeep R. Chavan	<u>Sandeep</u>		9011937572	9890506209			<u>Sandeep</u>
24. <input checked="" type="checkbox"/>	Sheetal Faglal Bopache	<u>Sheetal</u>	1200/-	8806741734	7798996263	<u>Sheetal</u>	<u>Amr.</u>	<u>Sheetal</u>

25.	Shreya S. Tembhare	<u>Tembhare</u>		7745823959	9860276130			<u>Tembhare</u>
26.	Snehal Suresh Mandhare	<u>Mandhare</u>		8552094387	9860162966			<u>Mandhare</u>
27.	Vaibhavi Suresh Tichkule	<u>Tichkule</u>	8484934429	<del>1200/-</del>	9527317586	<u>Tichkule</u>	<u>Tichkule</u>	<u>Tichkule</u>
28.	Vishal Pilaji Patil	<u>Patil</u>	<u>Patil</u>	9158298321	9764785710			<u>Patil</u>

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Sr. No.	Name of Student	Amt deposited	Mobile No.		Signature	Signature of HOD	Assignment issued
			Self	Home			
1.	Aboli Narendra Thool	<u>1200/-</u>	9045519939	8237057167	<u>Abholi</u>	<u>Abholi</u>	<u>Abholi</u>
2. <del>7</del>	Aishwarya S. Tejekar	<u>1200/-</u>	9518543659	9595024994	<u>Aishwarya</u>	<u>Aishwarya</u>	<u>Aishwarya</u>
3. <del>7</del>	Ankita V. Akullwar	<u>1200/-</u>	7083993234	9404079861	<u>Ankita</u>	<u>Ankita</u>	<u>Ankita</u>
4.	Aparna Vinayak Rushi	<u>1200/-</u>	8928091500	7304321632	<u>Aparna</u>	<u>Aparna</u>	<u>Aparna</u>
5. <del>7</del>	Apurva A. Atram	<u>900/-</u>	9604311228	9422173182	<u>Apurva</u>	<u>Apurva</u>	<u>Apurva</u>
6.	Darshan Bodhraj Zade	<u>1200/-</u>	9657448153	9527843526	<u>Zade</u>	<u>Zade</u>	<u>Zade</u>
7. <del>7</del>	Darshna Dhanraj Chafekar	<u>1200/-</u>	7350108795	9689622017	<u>Chafekar</u>	<u>Chafekar</u>	<u>Chafekar</u>
8.	Diksha A. Bhojar	<u>1200/-</u>	94041409 <sup>3542</sup>	9834881641	<u>D.A.Bhojar</u>	<u>D.A.Bhojar</u>	<u>D.A.Bhojar</u>
9.	Harish N. Gulhane	<u>1200/-</u>	9527954805	9595566017	<u>Harish</u>	<u>Harish</u>	<u>Harish</u>
10.	Harsha Vithalrao Yelure	<u>1200/-</u>	9168355948	9921384193	<u>Harsha</u>	<u>Harsha</u>	<u>Harsha</u>
11.	Himanshi Ratnakar Thakare	<u>1200/-</u>	7875726330	8806560975	<u>Himanshi</u>	<u>Himanshi</u>	<u>Himanshi</u>





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Sr. No.	Name of Student	Amt deposited	Mobile No.		Signature	Signature of HOD	Assignment issued
			Self	Home			
1.	Aishwarya Sharma						
2.	Anushka V. Yadav <i>Anushka.</i>		8446315929	9503830966			<i>Anushka.</i>
3.	Bhuvaneshri G. Choudhari <i>BGJ</i>		8605073751	9158029937			<i>BGJ</i>
4.	Devyani A. Umate		8605407605	9156317940			<i>Umate</i>
5.	Diksha D. Chamate <i>Diksha</i>	1200/-	9545808458	7588630454	<i>Diksha</i>	<i>Umate</i>	<i>Diksha</i>
6.	Diksha D. Moon <i>Diksha</i>		9096748756	9923633884			<i>Diksha</i>
7.	Divya Rade <i>Rade</i>		8905940149	8600598043			<i>Rade</i>
8.	Gauri B. Khandate						
9.	Grishma N. Dange						<i>Dange</i>
10.	Jyoti S. Tiwari <i>Jyoti</i>	1200/-	8888730674	9798553974	<i>Jyoti</i>	<i>Umate</i>	<i>Jyoti</i>
11.	Kalicharan K. Gajbhiye						
12.	Kalyani D. Navnage <i>Navnage</i>		9822687319	7709792654			<i>Navnage</i>
13.	Kalyani G. Awchat <i>Awchat</i>	1200/-	9689954003	9011507987	<i>Awchat</i>	<i>Umate</i>	<i>Awchat</i>
14.	Mayuri S. Walke <i>Walke</i>						
15.	Nandini R. Mankar <i>Mankar</i>		777607498	7083394428			<i>Mankar</i>
16.	Niharika P. Sahare						
17.	Nikhil S. Gadre <i>Gadre</i>	1200/-	7276620017	8600416292	<i>Gadre</i>	<i>Umate</i>	<i>Gadre</i>

18. *	Nikita S. Singh	<u>Nikita</u>						
19.	Pallavi G. Ajbale	<u>P.Ajbale</u>	1200/-	7620092552	8605886903	<u>P.Ajbale</u>	<u>Amr L. - P.Ajbale</u>	
20.	Parth N. Khandait		1200/-	5888037584	9975531401	<u>Parth</u>	<u>Amr L. - Parth</u>	
21.	Prajakta V. Dhawankar	<u>Dhawankar</u>						
22.	Sahil S. Shambharkar	<u>S.S.Shambharkar</u>	1200/-	8411899720	9545720044	<u>S.S.Shambharkar</u>	<u>S.S.Shambharkar</u>	
23.	Sunny N. Gadgilwar							
24.	Supriya P. Ramteke	<u>S.P.Ramteke</u>	500/-	7028432273	9156493045	<u>S.P.Ramteke</u>	<u>Amr L. - S.P.Ramteke</u>	
25.	Ashish S. Patle							

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Sr. No.	Name of Student	Amt deposited	Mobile No.		Signature	Signature of HOD	Assignment issued
			Self	Home			
1.	Aishwarya R. Wanve	500/-	8329465717	9326602895	<u>Aishwarya</u>	<u>Amr L. - Aishwarya</u>	<u>Aishwarya</u>
2.	Gautami R. Uskelwar	1200/-	9665897675	9890316606	<u>G.R.Uskelwar</u>	<u>Amr L. - G.R.Uskelwar</u>	<u>G.R.Uskelwar</u>
3.	Kalyani S. Akhare	1200/-	9146541371	7507346605	<u>Bakthare</u>	<u>Amr L. - Bakthare</u>	<u>Bakthare</u>
4.	Payal H. Patle *	500/-	7264066681	9673214499	<u>Patle</u>	<u>Amr L. - Patle</u>	<u>Patle</u>
5.	Prajakta V. Dhawankar						
6.	Prasad R. Kulkarni	500/-	985049068	9326395549	<u>Prasad</u>	<u>Amr L. - Prasad</u>	<u>Prasad</u>
7.	Puja R. Singh	1200/-	9881711248	8087777154	<u>Puja</u>	<u>Amr L. - Puja</u>	<u>Puja</u>
8.	Punam G. Lilhare	1200/-	8788854580	8698108574	<u>P.Lilhare</u>	<u>Amr L. - P.Lilhare</u>	<u>P.Lilhare</u>

9.	Rashmi A. Tambekar		1200/-	7885555427	9766667821	R. Tambekar	R. Tambekar	R. Tambekar
10.	Rubal B. Nikose	Rubal: +1200/-	1000/-	9561556487	9503139321	Rubal	Rubal	Rubal
11.	Rucha R. Joshi	R. Joshi	500/-					
12.	Ruchita D. Lute	R. dlute	1200	8446956094	8007455462	R. dlute	R. dlute	R. dlute
13.	Rukhmini M. Dabarkar		1200/-	8421977996	9049673161	R. Dabarkar	R. Dabarkar	R. Dabarkar
14.	Sahil P. Timande		1200/-	9156734160	9595023747	S. Timande	S. Timande	S. Timande
15.	Shraddha G. Raut	Raut	1200/-	9657455441	9709699183	Raut	Raut	Raut
16.	Shraddha S. Hurpate	<del>Shraddha</del>	1200/-	8788067536	8550935281	<del>Shraddha</del>	<del>Shraddha</del>	<del>Shraddha</del>
17.	Shraddha S. Surkar	S. Surkar	1200/-	9623064016	9423635297	S. Surkar	S. Surkar	S. Surkar
18.	Sunayana R. Raut *		500/-	7247426248	9422555912	Raut	Raut	Raut
19.	Swati Y. Dhamde		1200/-	8983693402		Dhamde	Dhamde	Dhamde
20.	Tanuja G. Lamture		1200/-	7219782114	9763758658	T. Lamture	T. Lamture	T. Lamture
21.	Vaishnavi A. Huddar	Huddar		9922216121	7517020250			Huddar
22.	Vaishnavi D. Khade *	Khade	500/-	7066022846	9021249478	Khade	Khade	Khade
23.	Yamini R. Dadmal			9011612400	7744997346			Dadmal
24.	Yashodhan K. Khandekar		1200/-	904934873	9225220704	Y. Khandekar	Y. Khandekar	Y. Khandekar
25.	Prachi S. Konde	Prachi	1200/-	8888820675	9834960727	Prachi	Prachi	Prachi

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Sr. No.	Name of Student	Amt deposited	Mobile No.		Signature	Signature of HOD	Assignment issued
			Self	Home			
1.	Aachal R. Nagdeve		8857832976	9325344389			Aachal
2.	Akanksha R. Gajbhiye	1/-1200	9922389041	9545363213	Akanksha		Akanksha
3.	Avantika M. Deshmukh			9373150781			
4.	Diksha V. Ramteke	500/-	7083359031	9421715071	Diksha		Diksha
5.	Janhavi R. Kamdi	500/-	9146251984	9423691775	Janhavi		Janhavi
6.	Mayuri J. Telmasre						
7.	Mrunal A. Hete	7420873698	1200/-	9763789566	Mrunal		Mrunal
8.	Nisha D. Dubey		7517064650	7709959842	Nisha		Nisha
9.	Papiha Y. Dhavas	500/-	9689758779	9822366660	Papiha		Papiha
10.	Payal C. Jaiswal	1200/-	9766979684	7709710361	Payal		Payal
11.	Pragati B. Shivhare	1200/-	7030435950	9975850587	Pragati		Pragati
12.	Pranjali M. Kale	1200/-	9805536724	9308247860	Kale		Kale
13.	Pratiksha D. Shingne	1200/-	9028601583	9623468250	Shingne		Shingne
14.	Prerna S. Titarmare	1000/-	7058250706	9822580958	Prerna		Prerna
15.	Saloni S. Komawar	1200/-	8624817623	8308675508	Komawar		Komawar
16.	Samiksha S. Maske	1200/-	7888114897	9370991647	Samiksha		Samiksha
17.	Sayali D. Itankar	1200/-	8856908139	8698405093	Sayali		Sayali

18.	Shraddha S. Mohod	<u>Shohod</u>	1200/-	9146371290	9423409741	<u>Shohod</u>	<u>Shohod</u>	<u>Shohod</u>
19.	Simran V. Gajbhiye	<u>Gajbhiye</u>						<u>Gajbhiye</u>
20.	Tanuja T. Haldar		1200	8087740564	9225573696	<u>Haldar</u>	<u>Haldar</u>	<u>Haldar</u>
21.	Utkarsha S. Verma		1200/-	7768964832	8698842655	<u>Verma</u>	<u>Verma</u>	<u>Verma</u>
22.	Vijaya J. Waghale	<u>Waghale</u>	500/-	8650242905	985036175	<u>Waghale</u>	<u>Waghale</u>	<u>Waghale</u>
23.								
24.								
25.								

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Sr. No.	Name of Student	Amt deposited	Mobile No.		Signature	Signature of HOD	Assignment issued
			Self	Home			
1. <del>1</del>	Anjali D. Gurnule		8698544700	9604787380	Anjali		Anjali
2.	Ankita P. Jore	1000	8975259964	9923709836	Ankita	Ankita	Ankita
3.	Ashish U. Chalach	1000	9404338841	8888660228	Achalakh	Anjali	Achalakh
4.	Hindavi D. Madavi	300/-	9766935786	7387874397	Madavi	Anjali	
5.	Kajal G. Somkunwar @Kamkunwar						
6. <del>7</del>	Kiran R. Dubey	1000/-	9028203932	8275745159	Dubey	Anjali	Dubey
7.	Mohini R. Mudiraj						
8.	Nikesh K. Bhalerao						
9.	Pallavi J. Shambharkar	1000	7066769688	9527919885	Shambharkar	Anjali	Shambharkar
10. <del>10</del>	Prachi P. Khobragade	500/-	8856068076	7875235710	Khobragade	Anjali	Khobragade
11.	Ravi M. Shahu	300/-	7058691557	9552456829	Shahu	Anjali	Shahu
12.	Suruchi M. Harinkhede	1000/-	9604108208	9975710268	Harinkhede	Anjali	Harinkhede
13.	Yogita P. Karmakar	1000/-	9860945332	9975622953	Karmakar	Anjali	
14.							
15.							

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Sr. No.	Name of Student	Amt deposited	Mobile No.		Signature	Signature of HOD	Assignment issued
			Self	Home			
1.	Akanksha A. Deshmukh						
2.	Ashwinin D. Mehune <u>Ashwinin</u>	1000/-	9665981334	9326888918	<u>Ashwinin</u>	<u>Ashwinin</u>	<u>Ashwinin</u>
3.	Ayushi D. Suryavanshi						
4.	Bhavana S. Kale						
5.	Himani R. Shegaye <u>Shegaye</u>	1000/-	9623250585	9763189677	<u>Shegaye</u>	<u>Shegaye</u>	<u>Shegaye</u>
6.	Madhuri D. Pandey <u>Madhuri</u>	1000/-	8412916024	9637196598	<u>Madhuri</u>	<u>Madhuri</u>	<u>Madhuri</u>
7.	Narmada S. Bisen <u>Narmada</u>	1000/-	9130417185	8551804018	<u>Narmada</u>	<u>Narmada</u>	<u>Narmada</u>
8.	Neha S. Diwate <u>Diwate</u>	1000/-	9673378825	9673889652	<u>Diwate</u>	<u>Diwate</u>	<u>Diwate</u>
9.	Payal A. Meshram <u>Meshram</u>	1000/-	7757804757	7757804757	<u>P.A. Meshram</u>	<u>P.A. Meshram</u>	<u>P.A. Meshram</u>
10.	Pooja W. Narnaware <u>Narnaware</u>	1000/-	7066557706	7744936160	<u>P.Narnaware</u>	<u>P.Narnaware</u>	<u>P.Narnaware</u>
11.	Pratima L. Agashe <u>Agashe</u>	1000/-	8551821804	9405967884	<u>Agashe</u>	<u>Agashe</u>	<u>Agashe</u>
12.	Rinki R. Jariya <u>Rjariya</u>	300/-	7219575505	7756950142	<u>Rjariya</u>	<u>Rjariya</u>	<u>Rjariya</u>
13.	Vaishnavi S. Shahu						
14.	Yuvraj L. Larokar						
15.							



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Sr. No.	Name of Student	Amt deposited	Mobile No.		Signature	Signature of HOD	Assignment issued
			Self	Home			
1.	Ashish U. Patil	300/-	8928646796	2292564	<i>Ashish Patil</i>	<i>Ashish Patil</i>	<i>Ashish Patil</i>
2.	Payal S. Chaware	800/-	8482945208	8806120504	<i>PS</i>	<i>PS</i>	<i>PS</i>
3. <input checked="" type="checkbox"/>	Pranjali P. Gite <i>(PS)</i>	1000/-	7387623952	8308203120	<i>PS</i>	<i>PS</i>	<i>PS</i>
4.	Pranali S. Borkar	300/-	8237489774	7798136203	<i>Pranali</i>	<i>Pranali</i>	<i>Pranali</i>
5. <input checked="" type="checkbox"/>	Pranjal Manwatkar <i>700/- Returned</i>	1000/-	7249725782	9890095052	<i>Pranjal</i>	<i>Pranjal</i>	<i>Pranjal</i>
6. <input checked="" type="checkbox"/>	Priya P. Tiwari	1000/-	9075173898	9970143057	<i>Whiss</i>	<i>Whiss</i>	<i>Whiss</i>
7.	Shrikant S. Gaikwad						
8.	Vijayalaxmi S. Salla	1000/-	8149185597	7020470093	<i>Vijayalaxmi</i>	<i>Vijayalaxmi</i>	<i>Vijayalaxmi</i>
9. <input checked="" type="checkbox"/>	Ankita D. Badhiye	1000/-	7385625718	9156201056	<i>Abraadhite</i>	<i>Abraadhite</i>	<i>Abraadhite</i>
10.							