



BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING, KOLHAPUR

Accredited by NAAC With 'A' Grade
Approved by AICTE, New Delhi & Affiliated to Shivaji University, Kolhapur
Near Chitranagari, Kolhapur - 416013 (MS)
DTE INSTITUTE CODE : EN-6288
Tel.No.: (0231) 2638893, 2638894, Fax : 2636050
Web : <http://coekolhapur.bharatividyaapeeth.edu> E- mail : coekolhapur@bharatividyaapeeth.edu

FOUNDER CHANCELLOR
Dr. Patangrao Kadam
 M.A., LL. B., Ph. D.

PRINCIPAL
Dr. Vijay Ghorpade
 M.E., Ph. D. (Computer)

NAAC SSR CYCLE- 2



Criterion 6	Governance, Leadership and Management
Key Indicator 6.5	Internal Quality Assurance System
<p>6.5.2: Quality assurance initiatives of the institution include:</p> <ol style="list-style-type: none"> 1.Regular meeting of Internal Quality Assurance Cell (IQAC); quality improvement initiatives identified and implemented 2. Academic and Administrative Audit (AAA) and follow-up action taken 3.Collaborative quality initiatives with other institution(s) 4.Participation in NIRF and other recognized rankings 5.Any other quality audit/accreditation recognized by state, national or international agencies such as NAAC, NBA etc. 	



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3.Collaborative Quality Initiatives with other Institutions

Academic Year:2021-22

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IPR POLICY
Intellectual Property Cell
BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING,
KOLHAPUR
Kolhapur, Maharashtra 416013.
0231 263 8894

Version / Revision

V1 / R1

INTELLECTUAL PROPERTY RIGHTS POLICY OF INTELLECTUAL PROPERTY CELL

(V1/R1)



PREAMBLE:

BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING, KOLHAPUR (hereafter referred to as 'BHARATI VIDYAPEETH') is an academic Institute dedicated to excellence in teaching and research. Its activities, centered on faculty/students/project staff/ supporting staff/visitors are based on knowledge and intellectual exercise. In the era of technology domination, where values and perceptions change at brisk pace, BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING, KOLHAPUR, in particular, have to preserve the fundamental spirit of academics on one hand and have to march ahead, on the other, accepting changing realities of business economy based on knowledge generated, protected and disseminated under the intellectual property regime. In the evolving scenario of the world today, with increasing awareness of the 'knowledge asset', an Intellectual Property Rights (IPR) Policy is needed not only to preserve the interest of BHARATI VIDYAPEETH but also to make BHARATI VIDYAPEETH faculty/students /project staff/ supporting staff/ visitors aware of 'knowledge asset and its impact on the society'.

The present policy facilitates protection of the right of the Inventor(s) of BHARATI VIDYAPEETH i.e. faculty/students /project staff/ supporting staff /visitors of BHARATI VIDYAPEETH through the option of Intellectual property protection on a novel work or to keep it in public domain as they may deem fit. In alignment with the Vision and Mission of BHARATI VIDYAPEETH, the policy favors outreach of the novel technologies developed at BHARATI VIDYAPEETH. At the same time, it motivates the faculty, students and researchers of BHARATI VIDYAPEETH to initiate technology transfer using the intellectual property rights gained over a novel technology.

In today's knowledge based economy, bio-based sectors are fast emerging and are also being promoted by BHARATI VIDYAPEETH. The present policy intends to take into consideration the sustainable use of biological diversity by BHARATI VIDYAPEETH faculty/students /project staff/ supporting staff, its conservation, deposition of biological samples and use of natural resource based traditional knowledge as per the Indian statutory IP regime.



OBJECTIVES:

The objectives of this policy document are as given below:

- a) To foster, stimulate and encourage creative activities in the widest sense in all the areas in which academic, consultancy and research programs are offered by Bharati Vidyapeeth's College of Engineering, Kolhapur.
- b) To protect the legitimate interest of faculty / scholars / students of Bharati Vidyapeeth's College of Engineering, Kolhapur and to avoid as far as possible conflict of opposing interests.
- c) To lay down a transparent administration system for the ownership and control of intellectual properties and sharing of the revenues generated and owned by Bharati Vidyapeeth's College of Engineering, Kolhapur.
- d) It shares a global perception of practices related to intellectual property retaining national identity and local constraints, avoiding as far as possible 'conflict' of opposing interests.
- e) The policy promotes fair use of traditional knowledge while recognizing local traditional knowledge stakeholders and benefit sharing.

TYPES OF IP

The intellectual properties can be broadly listed as:

- a) Patents
- b) Copyrights
- c) Trade/Service marks
- d) Industrial designs
- e) Traditional knowledge and Geographical Indications



DEFINITIONS:

The meaning of terms applied in this policy are as below (unless the context otherwise requires,).

- a) **Patent-** is an exclusive right granted for an invention, which is a product or a process that provides a new way of doing something, or offers a new technical solution to a problem.
- b) **Copyright-** is an exclusive right given to the author of the original literary, architectural, dramatic, musical and artistic works; cinematograph films; and sound recordings.
- c) **Trade/Service mark-** means a mark capable of being represented graphically and which is capable of distinguishing the goods or services of one person from those of others and may include shape of goods, their packaging and combination of colors.
- d) **Industrial Design-** means only the features of shape, configuration, pattern, ornament or composition of lines or colors applied to any article whether in two dimensional or three dimensional or in both forms, by any industrial process or means, whether manual, mechanical or chemical, separate or combined, which in the finished article appeal to and are judged solely by the eye; but does not include any mode or principle of construction or anything which is in substance a mere mechanical device.
- e) **Traditional Knowledge-** The knowledge developed by the indigenous or local communities for the use of a natural resource with respect to agriculture, food, medicine etc. over a period of time and has been passed from one generation to another traditionally.
- f) **Geographical Indications-** means an indication which identify such goods as agricultural goods, natural goods as originating or manufactured in the territory of a country or manufactured in the territory of a country or a region or locality in that territory where a given quality, reputation or other characteristic of such goods is essentially attributable to its geographical origin and in case where such goods are manufactured one of the activities of either the production or of processing or preparation of the goods concerned takes place in such territory, regions or locality as the case may be.
- g) **First Party –** Bharati Vidyapeeth's College of Engineering, Kolhapur (BHARATI VIDYAPEETH).



- h) **Second Party-** Faculty, Supporting staff, Project staff and Students of BHARATI VIDYAPEETH.
- i) **Faculty** means a person professionally qualified to carry out teaching and research at BHARATI VIDYAPEETH as a whole time employee, Visiting professor appointed by BHARATI VIDYAPEETH. (Note this definition of faculty is meant only for the purposes of this document and is not intended to replace the definition of faculty in the statutes or other documents of Bharati Vidyapeeth's College of Engineering, Kolhapur.)
- j) **Supporting Staff** means a person employed full-time or part-time by BHARATI VIDYAPEETH to support the research, development, teaching and other supporting activities (including administrative activities) of BHARATI VIDYAPEETH.
- k) **Student** means a person who has registered or enrolled as full-time student, part-time student, casual student or exchange student from other universities/colleges for
- l) **Project staff** means a person employed temporarily on a contract under a research project, consultancy or any other activity carried out by BHARATI VIDYAPEETH.
- m) **Third Party-** Any governmental or non-governmental organization with whom the First or the Second Party interacts for any activity with/without exchange of consideration in cash or kind.
- n) **Activity-** Activities related to teaching, research, consultancy, generation and dissemination of information carried out by a person or an Institution independently, or collaboratively.
- o) **Inventor(s)** – A person or a group of persons responsible for creating an IP. In case, creation of IP is associated with more than one inventor, one of them, from BHARATI VIDYAPEETH, would function as a Lead Inventor.
- p) **Visitor-** A person either from India or abroad visiting under a collaborative activity or associated work at BHARATI VIDYAPEETH. It is expected that the visit has been approved by competent authority of BHARATI VIDYAPEETH.
- q) **Work for hire-** The work (or a product) originated from BHARATI VIDYAPEETH and is meant for the specific purpose of BHARATI VIDYAPEETH and produced by (a) an author during his/her employment at BHARATI VIDYAPEETH or (b) non-employee under contracted work by BHARATI VIDYAPEETH.



- r) **Work Commissioned/Outsourced** - work commissioned by BHARATI VIDYAPEETH to a creator or group of creators either employed by BHARATI VIDYAPEETH or invited from outside BHARATI VIDYAPEETH with or without any consideration in cash or kind. Typical examples of BHARATI VIDYAPEETH commissioned works are: a. Design work, b. Artistic Work, c. Engineering/Architectural Models, d. Computer Software e. Reports based on surveys and analysis, f. Video works.
- s) **Associated Agreement** – document created with mutual consent of involved parties defining the rights, roles and responsibilities of each of the parties. for example, Memorandum of Understanding (MoU), Memorandum of Association (MoA), Research Agreement, Consultancy Agreement, Non Disclosure Agreement (NDA), etc.
- t) **Non Disclosure Agreement (NDA)/Confidentiality Agreement** -The agreement intends to protect proprietary or confidential information among the parties involved in executing a NDA.
- u) **Intellectual Property** denotes the specific legal rights which inventors and other IP holders may hold and exercise. Intellectual property includes Patents, Trademarks, Copyrights and Industrial Designs each differ in its scope, purpose and effects. IPR aims to exclude third parties from exploiting protected subject matter for a certain specified duration of time without explicit authorization from the right holder.

IPR owners can use or disclose their creations without fear of loss of control over their usage during the course of dissemination of their Creation/Invention.

IP confers a bundle of exclusive rights in relation to the particular form or manner in which ideas/information are expressed/manifested in the following and related items.

- i. New and useful scientific and technical advancements in the form of innovations, inventions, products and processes, computer hardware and software, materials, biological varieties etc. which are patentable.
- ii. Industrial and architectural designs, models, drawings, creative, artistic and literary works, teaching resource materials, generated records of research including thesis and dissertations which are copyrightable.
- iii. Trademarks, service mark, logos etc.



PATENTS:

Ownership of Patent:

- I. Bharati Vidyapeeth's College of Engineering, Kolhapur shall be the owner, with the creators specially stated as inventors for all the intellectual property inventions, software designs and specimens created by the creators who include faculty members, research scholars, students and those who make use of the resources of Bharati Vidyapeeth's College of Engineering, Kolhapur.
- II. The Inventions created by Bharati Vidyapeeth's College of Engineering, Kolhapur personnel, without using Bharati Vidyapeeth's College of Engineering, Kolhapur resources and created outside their assigned/normal duties/areas of research /teaching shall be co-owned by the creators and BHARATI VIDYAPEETH Group of Institution and the revenue generated out of such creations shall be shared in the ratio of 70:30 between the creator and the Institute respectively.
- III. If any Patent has emerged as a result of an Institutional/Industrial consultancy, sponsored to Bharati Vidyapeeth's College of Engineering, Kolhapur the concerned industries and Bharati Vidyapeeth's College of Engineering, Kolhapur shall own the Patent. This however will not apply to those Patent that are covered under specific MoU's where the action shall be carried out as per the provisions of the MoU's.
- IV. If the Patent is a result of funds sponsored by an outside agency, then the Patent will be shared between Bharati Vidyapeeth's College of Engineering, Kolhapur and the sponsoring agency on case by case basis, as per MoU/Agreement/Undertaking between Bharati Vidyapeeth's College of Engineering, Kolhapur and the outside agency.

COPYRIGHTS:

Ownership of the copyright:

- I. BHARATI VIDYAPEETH shall be the owner of all copyright works including software and all connected teaching materials designed and developed by employees of BHARATI VIDYAPEETH Chennai.
- II. Further, BHARATI VIDYAPEETH shall also be the owner of copyrights of works produced, including software and all teaching materials developed by persons not directly associated with BHARATI VIDYAPEETH, provided BHARATI VIDYAPEETH has made its contribution in the form of any of the resources.
- III. A copy of MS/M Phil /PhD thesis works submitted to BHARATI VIDYAPEETH may be forwarded to IP CELL, and IP CELL shall attempt to explore the patentable rights if any in such theses by constituting suitable committees consisting of experts.
- IV. The ownership of copyright by BHARATI VIDYAPEETH will in no way deprive the claims of the creator/author to publish his/her contribution in a scholarly and intellectual way and they have authority to improve, publish and propagate their works.



- V. A computer software may be copyrighted depending upon the content. A copyright software may be distributed for research and teaching purposes by its creator after obtaining appropriate undertaking to the effect that it will not be used for commercial purpose nor will it be transferred to any other party without explicit permission of Bharati Vidyapeeth's College of Engineering, Kolhapur.

Inventor/Author/Ownership

1. Inventors/Authors will own intellectual property when:
 - a. None of the situation defined above for BHARATI VIDYAPEETH-ownership of intellectual property applies.
 - b. It is created outside their normal area of research/teaching, for example, popular novels, poems, musical compositions, or other works of artistic imagination, without the use of significant institute resources.
2. Students will own copyright on thesis/dissertation created as a part of their academic programs. However, the student must grant to BHARATI VIDYAPEETH royalty-free permission to reproduce and distribute copies for teaching and research as well as for dissemination for teaching and research to other academic institutions.
3. Ownership of software code, patentable subject matter and other intellectual property contained in the thesis/reports are subject to conditions specified under BHARATI VIDYAPEETH –ownership and Inventor/Author ownership.

Trade and Service Marks

Trade and service marks related to goods and services involving BHARATI VIDYAPEETH will be owned by BHARATI VIDYAPEETH. Use of BHARATI VIDYAPEETH's name through trademark makes users obligated to certain standards and accountability.

Third-Party Ownership

- I. Ownership of intellectual property resulting from:
 - a. Funds provided partially or fully by a third-party to BHARATI VIDYAPEETH will be governed by specific provisions in the contract between the third-party and BHARATI VIDYAPEETH.
 - b. Exchange programs between BHARATI VIDYAPEETH and other institutions will be governed by specific provisions in the contract between the third-party and BHARATI VIDYAPEETH.
 - c. In case no such specific contract exists, IPR will remain with BHARATI VIDYAPEETH.



- II. In cases of all IP produced at BHARATI VIDYAPEETH, BHARATI VIDYAPEETH shall retain a non-exclusive, free, irrevocable license to copy/use IP for teaching and research activities, consistent with confidentiality arguments where ever entered by BHARATI VIDYAPEETH.
- III. In cases where an IP is created by BHARATI VIDYAPEETH personnel, fully or as a part of the team, during deputation, official leave, or sabbatical, the concerned BHARATI VIDYAPEETH personnel should officially communicate the IP to BHARATI VIDYAPEETH. If the IP involves ideas/software developed, fully or in part, using significant institute resources, then the IP will also be owned by BHARATI VIDYAPEETH fully or partially, as the case may be.
- IV. Filings of IP Applications in foreign countries: If inventor(s) wish application will be filed in foreign country parallel to its filing in India. If BHARATI VIDYAPEETH opts not to undertake such protection in any specific country requested by the inventor(s), BHARATI VIDYAPEETH will assign rights of the IP in that country to the inventor(s) for the purpose of such protection. BHARATI VIDYAPEETH or Attorney can be approached for such protection.
- V. Renewal of IP rights: A decision on the annual renewal of IP rights will be taken by a committee constituted by the Chairman of IPR cell. If BHARATI VIDYAPEETH decides not to renew the IPR in any country, then it will assign the rights of the IP in that country to the inventor(s) upon a request to that affect from the inventor(s). In case of patents, the process of reassignment will be completed in a period of three months before the due date for its renewal.
- VI. In all cases where IP rights in any specific country have been reassigned to the inventor(s), BHARATI VIDYAPEETH will not claim any share of proceeds earned through that IP in that country excepting for the costs already incurred by BHARATI VIDYAPEETH.

Disclosures, Confidentiality and Assignment of Rights

- I. For sponsored and/or collaborative work the provisions of the contract pertaining to disclosure of IP are applied.
- II. For all other IP produced at BHARATI VIDYAPEETH, the inventors will be required to disclose their IP to the IPEC (Intellectual Property Evaluation Committee) at the earliest date using an IPDF (Intellectual Property Disclosure Form).
- III. It will be mandatory for students to submit an IPDF, countersigned by their supervisor(s), at the time of filing their PhD thesis or any other degree offered by University.
- IV. The inventor shall assign the rights of the disclosed IP to BHARATI VIDYAPEETH before leaving the institute and will agree to the terms and conditions for the sharing of any financial benefits received by the institute by commercialization of such IP.



- V. Having made the disclosure, the inventors, both BHARATI VIDYAPEETH and non-BHARATI VIDYAPEETH personnel, shall maintain confidentiality of the IP during the period it is pending with BHARATI VIDYAPEETH for the assessment of the possibility of commercialization and protection of IP, unless authorized in writing by BHARATI VIDYAPEETH.

Evaluation of Intellectual Property

- I. Evaluation of Intellectual Property will be done by the IPEC (Intellectual Property Evaluation Committee) nominated by the Vice-Chancellor.
- II. Evaluation of IP means:
 - a. Assigning ownership of IP.
 - b. Determining whether an IP is innovative and fit for filing in India and foreign countries.
 - c. Determining whether the IP has a reasonable chance for commercialization.
- III. After evaluation of IP, if BHARATI VIDYAPEETH decides not to take the responsibility for the protection of the IP, then it will assign all the rights of the IP to the inventors.
- IV. Even in such cases, as in (III), BHARATI VIDYAPEETH may take the responsibility of facilitating protection of the IP on case by case basis.
- V. A decision on the annual renewal of IP rights will be taken by the IPEC. If BHARATI VIDYAPEETH decides not to renew the IP, fully or partially, then it will assign the rights of the IP, wherever relevant, to the "inventors."

Maintenance of IP:

- I. For the inventions developed at BHARATI VIDYAPEETH and the inventors who wish to protect the invention, it is mandatory that the creator has to disclose the creative work by using an Invention Disclosure Form (IDF). The inventors shall assign the rights of the disclosed invention to BHARATI VIDYAPEETH. All IP related information that is disclosed to BHARATI VIDYAPEETH is confidential.
- II. Confidentiality shall be maintained till the dates stipulated in the contract between the concerned parties. Once the IPR is ensured, the inventor/creator is encouraged to publish the work in the interest of general public.

Commercialization

- I. BHARATI VIDYAPEETH shall market the IP and identify potential licensee(s) for the IP to which it (i) has ownership and (ii) for which rights have been assigned to it.
- II. For the IP where exclusive rights have not already been assigned to a third party, the inventor(s) may also contact potential licensee(s) on their initiative maintaining confidentiality and taking all necessary care to ensure that the value of the IP is not affected.



- III. If BHARATI VIDYAPEETH is not able to commercialize the IP in a reasonable time then the inventor(s) may approach BHARATI VIDYAPEETH for assignment of rights of the invention(s) to them.

Infringements, Damages, Liability and Indemnity/Insurance

- I. As a matter of policy, BHARATI VIDYAPEETH shall, in any contract between the licensee and BHARATI VIDYAPEETH, seek indemnity from any legal proceedings including without limitation manufacturing defects, production problems, design guarantee, up gradation and debugging obligation.
- II. BHARATI VIDYAPEETH shall also ensure that BHARATI VIDYAPEETH's personnel have an indemnity clause built-into the agreements with license(s) while transferring technology or copyrighted material to licenses.

Fees:

BHARATI VIDYAPEETH will pay the IP fees in all cases when IP is taken by BHARATI VIDYAPEETH. If it is a joint patent with sponsoring agency/Inventor(s), then the patenting cost will be mutually discussed and agreed depending on the type of IP.

If the other party does not show interest in such process, BHARATI VIDYAPEETH can either continue the IP by paying the fees for its full term or withdraw application for the patent protection, at its discretion.

Transfer of IP:

BHARATI VIDYAPEETH shall strive to identify potential licensee for the IP to which it has ownership. Generally creators are expected to assist the transfer of IP in case the IP has not been obtained in the name of the Institute.

BHARATI VIDYAPEETH may contract IP to any of the technology management agency which manages the commercialization of IP. If exclusive rights of IP have not been assigned to the third party, creators may enter into a contract with any potential licenses on their initiative maintaining confidentiality and taking care through Non Disclosure Agreement with the concurrence of BHARATI VIDYAPEETH.

The inventor/creator has the first right on the terms and conditions that are agreeable by BHARATI VIDYAPEETH

Revenue sharing:

60 % (sixty percent) of the total revenue (lump sum payment, or any other form) accruing from the commercial exploitation of IP owned by BHARATI VIDYAPEETH shall



be credited to BHARATI VIDYAPEETH. 30% of the revenue shall be credited to Inventor/Creator.

Out of the BHARATI VIDYAPEETH's share, 40% shall be transferred to the Department concerned towards encouraging research and development. 10% may be transferred to IP CELL for carrying out IPR related activities. The rest 10% will be allotted to the Centre for Professional Development Education.

1. The net earnings from the commercialization of IP owned by BHARATI VIDYAPEETH would be shared as follows:

Case	Tenure	Inventor(s)	GMCOE's Share	Service Account*
1	For the First Three Years	60%	30%	10%
2	After 3 Years	40%	50%	10%

* Money may be used for the promotion and up gradation of the invention. Unused funds from the service account will be used for promotion of commercialization, IP protection and any other related activities.

2. It is suggested that amount Q be initially fixed at Rs. 25 lakhs. The inventor(s) share would be declared annually and disbursement will be made to the inventor(s), their legal heir, whether or not the inventor(s) are associated with BHARATI VIDYAPEETH at the time of disbursement.

3. Co- inventors of IP shall sign at the time of disclosure, a distribution of IP Earnings' Agreement, which shall specify the percentage distribution of earnings from IP to each co-inventor. The inventors may at any time by mutual consent revise the Distribution of IP Earnings Agreement.

Powers to Amend IPR Policy

BHARATI VIDYAPEETH, through its Board of Governors (referred to as BOG), will have the full power to make changes to the IPR policy or bring out a new policy as and when it is felt necessary. This can happen in view of changes in government policies or other national and international developments including treaties and legal judgments. The changes or the new policy shall be applicable to all faculty/students//project staff/ supporting staff /visitors.



Responsibility to Create/Amend Procedures and Processes for Implementation of IPR Policy

BHARATI VIDYAPEETH, through its Chairperson, will have full powers to create and amend administrative mechanism from time to time in view of the changing needs including creating administrative bodies and entrusting role and responsibilities to various individual(s)/existing entities for evolving detailed procedures and to facilitate implementation of the IPR policy of BHARATI VIDYAPEETH.

Conflict of Interest.

All inventors are responsible for compliance with government rules and BHARATI VIDYAPEETH's policies and ordinances related to development and use of IP generated. In all activities arising out of implementation of IPR policy of the Institute, all faculty members/inventors are expected to avoid potential and mutual conflicts of interest.

The inventor(s) are required to disclose any conflict of interest or potential conflict of interest. If the inventor(s) and/or their immediate family have a stake in a licensee or potential licensee company then they are required to disclose the stake they and/or their immediate family have in the company. Under these circumstances, it must be ensured by the inventor(s) that their entrepreneurial activities do not have an adverse impact on inventor(s) teaching, research and any other institutional responsibilities.

Dispute Resolution

In case of any disputes between BHARATI VIDYAPEETH and the inventors regarding the implementation of the IP policy, the aggrieved party may appeal to the Vice-Chancellor of BHARATI VIDYAPEETH. Efforts shall be made to address the concerns of the aggrieved party. The Vice-Chancellor's decision in this regard would be final and binding.

Jurisdiction

All the Conflicts and litigations shall be governed by and construed in accordance with the laws of India without giving effect to any choice or conflict of law provision or rule.

BHARATI VIDYAPEETH will retain the right to engage or not; in any litigation concerning patents and license infringements.

Inventor should keep a laboratory notebook in which they keep records of their work. Descriptions of discoveries should be signed, dated, and if possible witnessed.



IPR STANDING COMMITTEE (IPR SC) AND ITS ROLE

The IPR Standing Committee will be the core administrating body, which will be responsible for evolving detailed procedures to facilitate implementation of the IPR policy of BHARATI VIDYAPEETH. IPR SC would also arbitrate on appeals made and any clarifications sought. The IPR SC will have the following members:

Prof. (Dr.) V. R. Ghorpade
Principal

Chairperson

Prof. (Dr.) J. K. Patil
IQAC Coordinator

Member

Prof. (Dr.) S. S. Pawar
IIC Coordinator

Member

Prof. Dr. P. B. Patole
IPR Coordinator

Member

Prof. (Dr.) R. P. Mirajkar
Faculty Member

Member

Prof. S. S. Kotwal
Faculty Member

Member

Director's nominee (MYCrave Consultancy)
Dhruv Brahmibhatt | Managing Director

Member

**FOR MYCRAVE CONSULTANCY
AND SERVICES**

PARTNERS



ROLE OF FITT

The current role of IPCell includes the following, which may be revised from time to time

- (a) Organization of IP awareness programs at BHARATI VIDYAPEETH.
- (b) Organizing IPR SC meetings in co-ordination with R&D.
- (c) Work on behalf of BHARATI VIDYAPEETH, to process and manage IP registrations.
- (d) Regularly review IP cases (filed/granted applications) for maintenance / discontinuation.
- (e) To assist faculty/students/project staff/ supporting staff/visitors in all IPR application activities.
- (f) To coordinate with the inventor (s) to proactively identify third parties for development and commercialization of IP.
- (g) Custody of all IPR related documents



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FOUNDER & CHANCELLOR

Dr. Patangrao Kadam

M.A., LL. B., Ph. D.

PRINCIPAL

Dr. Vijay Ghorpade

M.E., Ph. D. (Computer)

Out Ward: - BV/COEK/ /2022-2023

Date: - 17/08/2022

NOTICE

It is hereby inform that to create awareness and knowledge about Intellectual Property Rights (IPR) and stimulate the creation and growth of intellectual property, **Two Days IPR and Patent Filing awareness program for T.Y. B. Tech, final year B. Tech students and all faculties** is organized on 24th and 25th August, 2022 under Memorandum of Understanding (MoU) on Bilateral Co-Operation between Lead College Cluster, Kolhapur Region, Shivaji University, Kolhapur and MYCrave Consultancy and Services, Vadodara, Gujrat. So, all should be present for same.

IPR Expert:

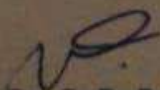
1. Mr. Dhruv Brahmbhatt,
Managing Director

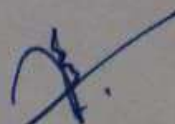
2. Ms. Pooja Menon,
C.O.O.

MYCrave Consultancy and Services, Vadodara, Gujarat

Venue: Auditorium Hall

Time: 10: 00 am


Dr. P. B. Patole
IPR, Coordinator


Dr. V.R. Ghorpade
Principal




BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING, KOLHAPUR

- **Organizing Department:** Mechanical Engineering and Institution Innovation Cell
- **Name of Activity:** Intellectual Property Rights
- **Semester : I** **Quarter: 4**
- **Name of IIC President:** Dr. Vijay R. Ghorpade
- **Name of IIC Convener:** Dr. S.S.Pawar.
- **Name of Coordinator:** Dr. P. B. Patole
- **Name of Resource Person:** Mr. Dhruv Brahmhatt and Ms. Pooja Menon, MYCrave Consultancy and Services, Vadodara, Gujarat
- **Date of Activity:** 24th and 25th Aug. 2022
- **Participants:** Institution Innovation Cell Members, Faculty members, Third and Final year students.
- **Details of Activity:** A offline session “Intellectual Property Rights” was organized by Mechanical Engineering and Institution Innovation Cell, BVCOEK under lead college cluster, shivaji university Kolhapur, to guide IIC members, Faculty members, third and final year students regarding awareness of IPR and Patent drafting. The session speaker for the activity was Mr. Dhruv Brahmhatt and Ms. Pooja Menon, MYCrave Consultancy and Services, Vadodara, Gujarat.
- **Objective of Activity:**
The main objective of this activity is to create and motivate awareness of innovation and creativity in the third, final year students and faculty members.
- **Outcome of Activity:**
 1. IIC Members, third and final year students are able to understand the basic steps which are required regarding IPR.
 2. IIC Members, faculty members, third and final year students are able to understand how to convert basic idea into new product, system etc.
 3. IIC Members, faculty members third and final year students are able to know the concept of innovation.

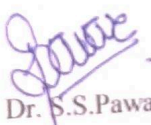
4. IIC Members, faculty members, third and final year students are able to understand how to draft patent.

Photo gallery of Session:




Dr. P.B. Patole

Coordinator

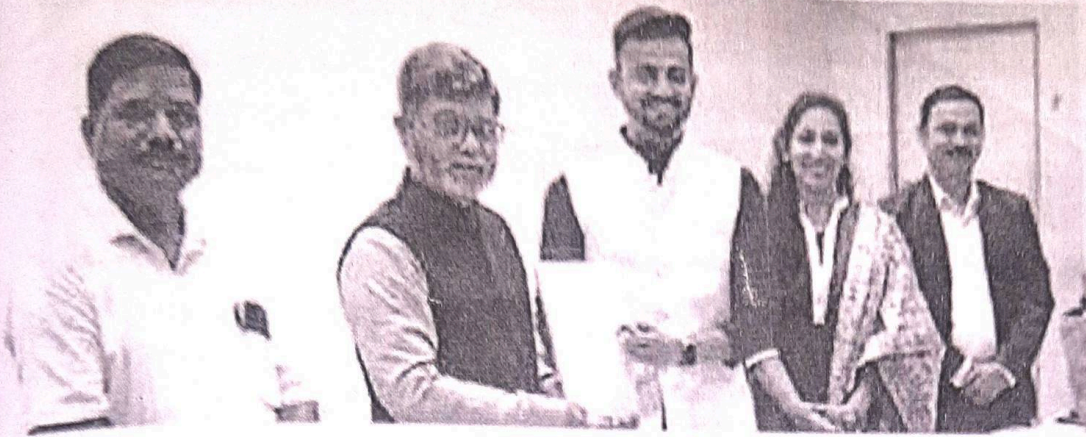

Dr. S.S. Pawar

IIC Convener



Dr. V.R. Ghorpade

IIC President/ Principal



मोरेवाडी : भारती विद्यापीठात कार्यशाळाप्रसंगी डॉ. पी. बी. पाटोळे, प्राचार्य विजय घोरपडे, ध्रुव भट्टाचार्य, पूजा मेनन.

इंटेलेक्च्युअल प्रॉपर्टी राइट्सवर भारती विद्यापीठात कार्यशाळा

कंदलगाव, ता. २४ : शिवाजी विद्यापीठाच्या लीड कॉलेज क्लस्टर अंतर्गत माय क्रेव्ह कन्सल्टन्सी अँड सर्व्हिसेस व भारती विद्यापीठ कॉलेज ऑफ इंजिनिअरिंग यांच्यातर्फे 'इंटेलेक्च्युअल प्रॉपर्टी राइट्स' या विषयावर दोन दिवसीय कार्यशाळा झाली.

माय क्रेव्ह कन्सल्टन्सीचे व्यवस्थापकीय संचालक ध्रुव ब्रह्मभट, चीफ ऑपरेटिंग ऑफिसर पूजा मेनन प्रमुख वक्ते म्हणून लाभले. प्राचार्य डॉ. विजय आर. घोरपडे म्हणाले, "सध्याची

तरुण पिढी प्रगतशील व हुशार आहे. टेक्नॉलॉजी लगेच आत्मसात करणारी आहे. त्यामुळे त्यांना इंटेलेक्च्युअल प्रॉपर्टी राइट्स म्हणजे काय, त्याचा वापर कसा होऊ शकतो याचे मार्गदर्शन होणे गरजेचे आहे."

डॉ. पी. बी. पाटोळे यांनी प्रास्ताविक केले. सूत्रसंचालन डॉ. केदार जोशी यांनी केले. नियोजन डॉ. पाटोळे, प्रा. सुयश कांबळे, प्रा. महेश कुलकर्णी, संजय देशपांडे यांनी केले. संस्थेचे मानद संचालक डॉ. एच. एम. कदम, प्राचार्य डॉ. घोरपडे यांचे मार्गदर्शन लाभले.

Email	Name	Gender	Branch
vijayghorpade@rediffmail.com	Dr. Vijay R. Ghorpade	Male	CSE
pb.patole@rediffmail.com	Dr. Pralhad B. Patole	Male	MECH
mayur_more09@gmail.com	Mr. Mayur M. More	Male	CIVIL
prasadjadhav099@gmail.com	Mr. Prasad Jadhav	Male	CIVIL
patilbhnshyam1212@gmail.com	Mr. Patil Ghanshyam	Male	CIVIL
qyatrighorpade20@gmail.com	Ms. G. S. Ghorpade	F	general engg
aartitirmare@gmail.com	Ms. Aarti H.Tirmare	F	ETC
smmdeo@gmail.com	Ms. S. M. Mulla	F	CSE
priyadarshanimali@gmail.com	Ms. P.S. Mali	F	ETC
pise.renu@gmail.com	Ms. R. V. Jadhav	Male	CSE
saritashinde.bv@gmail.com	Ms. Sarita S. Shinde	F	general engg
rrs.bvcoek@gmail.com	Mr. R. R. Surwanshi	Male	ETC
praveeenpatel7@gmail.com	Mr. Praveen Patel	Male	CSE
sanjaypawar832@gmail.com	Dr. Sanjay S. Pawar	Male	ETC
vikaspatil5@gmail.com	Mr. Vikas Patil	Male	ETC
sunil.kadm@bharativedyapeeth.edu	Dr. Sunil J. Kadam	Male	MECH
ananda.patil@bharativedyapeeth.edu	Mr. Ananda S. Patil	Male	general engg
kamalakar.desai@bharativedyapeeth.edu	Mr. K.R. Desai	Male	ETC
prajantakj@gmail.com	Mr. Kedar S. Joshi	Male	general engg
raj.chougale2015@gmail.com	Dr. R. K. Chagule	Male	general engg
tiwareamit9774@gmail.com	Mr. Tiwari Amit	F	CIVIL
vivekmane02@gmail.com	Mr. Mane V. V.	Male	CIVIL
deshpandesa1976@gmail.com	Mr.Deshpande S. A.	Male	MECH
ravindra54975@gmail.com	Mr. R. V. Patil	Male	MECH



EmbedPro Solutions

Regd Office: 174, Swanand, Near Trimurti Temple, Salokha Nagar, Kalamba Road, Kolhapur. (416007)

Work: 1284 B Ward, Nr Mirajkar Tikti, Mangalwar Peth, Kolhapur. (416012)

www.embedprosolutions.com || embedprosolutions@gmail.com || +91-9028785320

MEMORANDUM OF UNDERSTANDING

Date: 18 / 7 / 2022

Ref. No. EPS/DOC/22-23/69

In order to declare their joint intension to co-operate in some or all the fields of academics and industrial endeavor for their mutual benefit,

Party 1: Embedpro Solutions, Kolhapur

Work Addr: Mirajkar Tikti, Mangalwar Peth, Kolhapur-416012.

Party 2: Department of Electronics And Telecommunication Engineering of Bharati Vidyapeeth's College Of Engineering, Kolhapur

agree to explore opportunities for collaboration in the areas described here below:

1. Sponsorship of final year project.
2. Sharing the technology for academic purpose only.

EMBEDPRO SOLUTIONS, KOLHAPUR and Department of Electronics And Telecommunication of Bharati Vidyapeeth's College Of Engineering Kolhapur agree to share the information in strict confidence and will respect the intellectual property rights of each other.


Dr. K.R. Desai

H.O.D.


Dr. V.R. Ghorpade

Principal



Mr. Kaustubh Gabale
Proprietor

EmbedPro Solutions

• 9028785320 | 9850304719
• embedprosolutions@gmail.com
• 174, Swanand, Near Trimurti Temple, Salokha Nagar,
Kalamba Road, Kolhapur. - 416007.



• Industrial R&D Consultation & Service (Embedded Technology)
• Industrial Projects (Automation, Controllers)
• Home Automation
• Product Prototyping
• Educational Project Guidance



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Regd Office: 174, Swanand, Near Trimurti Temple, Salokhe Nagar, Kalamba Road, Kolhapur. (416007)

Work: 1284, 8 Ward, Nr Mirajkar Tikti, Mangalwar Peth, Kolhapur. (416012)

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Approval Letter

Date: , 2022

Ref. No. EPS/DOC/22-23/67

To,

Head Of Department,

Electronics And Telecommunication Engineering,

Bharati Vidyapeeth's College of Engineering, Kolhapur.

Subject: Approval letter for sponsored project design development and manufacturing of Design and Fabrication of **Smart Voting System Using Blockchain Technology**.

Dear Sir,

This is reference to the letter from your students for project sponsorship. We are pleased to accept your letter and provide permission for doing project at our concern. As per the policy we provide good resources and material for successful completion of project.

We hereby approved application from student and further activities of below mentioned students from the **Department Of Electronics And Telecommunication**. The names of students are:

1. Joshi Sourabh Vinayak
2. Injale Prasad Prakash
3. Kamble Sumed Bharat

We are wishing you the best for the project.



Mr. Kaustubh P. Gabale.

Proprietor

EmbedPro Solutions

EmbedPro Solutions

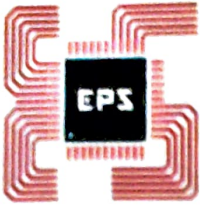
• 9028785320 | 9850304719

• embedprosolutions@gmail.com

• 174, Swanand, Near Trimurti Temple, Salokhe Nagar,
Kalamba Road, Kolhapur. - 416007.



- Industrial R&D Consultation & Service (Embedded Technology)
- Industrial Projects (Automation, Controllers)
- Home Automation
- Product Prototyping
- Educational Project Guidance



Completion Letter

Date: , 2022

Ref. No. EPS/DOC/22-23/68

To,

The Principal,

Bharati Vidyapeeth's College Of Engineering,

Kolhapur.

Subject: Completion Of Project

Respected Sir,

This is to certify that the students mentioned below from **Bharati Vidyapeeth's College Of Engineering, Kolhapur** belonging to **Electronics and Telecommunication Department** have successfully completed project "Smart Voting System Using Blockchain Technology".

"**EMBEDPRO SOLUTIONS, KOLHAPUR**" has sponsored the project for the following student have been provided guidance by our sponsors as per requirement of project.

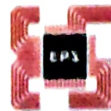
Following are the students to whom the sponsorship letter has been given:

1. Joshi Sourabh Vinayak
2. Injale Prasad Prakash
3. Kamble Sumed Bharat



Mr. Kaustubh P. Gabale.

Proprietor
EmbedPro Solutions



Vikrant E Systems

Repairs Of All Type Of Medical Equipments, Develop and Mfg. Of Microcontroller Embedded Systems

Rajarampuri 3rd Lane Maruti Plaza Mahalaxmi Nagar, Kolhapur. Mo No:- 9822681716

Date: 11-10-2022

MEMORANDUM OF UNDERSTANDING

In order to declare their joint intension to cooperate in some or all the fields of academics and industrial endeavor for their mutual benefit .

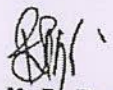
Party 1: Vikrant E Systems


Party2: Department of Electronics and Telecommunication Engineering, Bharati Vidyapeeth's College of Engineering, Kolhapur.

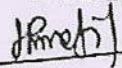
Agrees to explore opportunities for collaboration in the areas described here below:

1. Sharing the technology for academic purpose only.
2. Internship program for students as per requirement.
3. Any other academic activity with mutual consent.

VIKRANT E SYSTEMS , Kolhapur and Bharati Vidyapeeth's College of Engineering, Kolhapur agree to share the information in strict confidence and will respect the intellectual property rights of each other.


Dr. K. R. Desai
H.O.D.


Dr. V. R. Ghorpade
Principal

Mr. Vikrant R. Yadav
Proprietor
For Vikrant E Systems

Proprietor



Vikrant E Systems

Repairs Of All Type Of Medical Equipments, Develop and Mfg. Of Microcontroller Embedded Systems

Rajarampuri 3rd Lane Maruti Plaza Mahalaxmi Nagar, Kolhapur. Mo No:- 9822681716

Date: 17 / 06 / 2022

To,
The principal,
Bharati Vidyapeeth's College of Engineering, Kolhapur.

Subject: Completion of Project

Respected Sir,

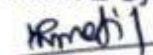
This is to certify that the students mentioned below form Bharati Vidyapeeth's College of Engineering, Kolhapur belonging to Electronics and Telecommunication Department have successfully completed project " **An Automation Using Alexa and Raspberry- Pi**".

As per our, "Vikrant E Systems " has sponsored the project for the following student have been provided guidance by our laundry as requirement of project.

Following are the student to whom the sponsorship letter has been given:

1. Chavan Harshal Sameer
2. Gaikwad Kunal Rajendra
3. Patil Sushant Arjun

For Vikrant E Systems


Proprietor

Regards,

Mr. Vikrant Yadav.

Proprietor



Vikrant E Systems

Repairs Of All Type Of Medical Equipments, Develop and Mfg. Of Microcontroller Embedded Systems

Rajarampuri 3rd Lane Maruti Plaza Mahalaxmi Nagar, Kolhapur. Mo No:- 9822681716

Date: 20-10-2021

To,
The Principal,
Bharati Vidyapeeth's College of Engineering, Kolhapur.

Subject: Approval letter for sponsored project design development and manufacturing of Design
and Fabrication of **An Automation Using Alexa and Raspberry-Pi.**

Dear sir,

This is reference to your letter from your student for project sponsorship. We pleased to accept your letter and provide permission for doing project at our concern. As per the policy we provide good resources and material for successful completion of project.

We hereby approved application form student and further activities of below mentions students form department of ENTC. The names of students are:

1. Chavan Harshal Sameer
2. Gaikwad Kunal Rajendra
3. Patil Sushant Arjun

We are wishing you for the project.

Vikrant Yadav
(M.Sc. Electronics)

For Vikrant E Systems


Proprietor

MEMORANDUM OF UNDERSTANDING(MOU)

PARTY1-

KRISHNA DEVELOPERS

Partner

Aarti Bobhade

PARTY2- Department of Civil Engineering,

Bharati Vidyapeeth's College of Engineering, Kolhapur.

Following MOU has been agreed and finalized between the above-mentioned party 1 & party 2.

1. Party 1 will explore the possibilities of permitting the students of party 2 undergo vocational in plant training and will entertain such request from party2, whenever possible, with prior permission.
2. Party 1 will extend their support and sponsorship for the project of B.E. of party 2, identified with mutual understanding. Party 1 will also permit the use of their equipment and facilities to the students for this purpose.
3. Party 1 will allow usage of their library facilities, relevant standards and hand books to the students of party 2, if required, for the projects.
4. Party 1 will allow industrial visits to the students of party 2 with prior permission.
5. Party 1 will permit their executives and experts to render their expertise for the benefit of students of party 2, through expert lectures, seminars etc.
6. Party 2 will make available their library facilities, reference books, journals and hand books for on the spot reference to party 1.
7. Party 2 will offer technical consultancy service to party 1 as required. Scope and terms of such consultancy work may be decided with mutual understanding.
8. Specific task assessments in the areas not mentioned in this MOU may be explored and undertaken with mutual consent of both Party 1 and Party 2.

This MOU has been signed on the 15th June 2022.

For Party 1	For Party 2
<p>KRISHNA DEVELOPERS Partner</p> <p><u>Aarti</u> <u>Bobhade</u></p> <p>(signature with seal)</p>	<p><u>[Signature]</u></p> <p>HEAD DEPARTMENT OF CIVIL ENGINEERING BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING, KOLHAPUR</p> <p>(signature with seal)</p>



Bharati Vidyapeeth's College of Engineering, Kolhapur.

Department of Civil Engineering

Date:18/04/2022

NOTICE

(Final Year B.Tech. Students)

All Final Year B.Tech. students are hereby informed you that as per the need of curriculum of Final Year B.Tech. for the subject of Design of Concrete Structure-II and Structural Design and Drawing-II, we are arranging site visit to Residential B+G+ 6 structure at Tawade's Govind Excellence, Kolhapur. The site visit is organized on date 19th April, 2022.

So, it is compulsory to attend the same.

Location of site:

1.Viraj City,

Infront of Kagal S.T. Stand,

NH-4, Tal.Kagal, Dist.Kolhapur.

Prof.N.A.Mohite

Site Visit Coordinator

Prof.V.V.Mane

Practical Teacher

Prof.S.S.Kotwal

Subject Teacher

Prof.V.S.Kadam

H.O.D. Civil

Date:20/04/2022

To,

Principal,

Bharati Vidyapeeth's

College of Engineering, Kolhapur.

Subject: To get permission for educational site visit to Residential structure

Respected sir,

As per the need of syllabus, we are arranging site visit to Residential structure. As per the curriculum of T.Y. and Final Year B.Tech. Civil for the subject of Geotechnical Engineering-II and Structural Design of Foundation and Retaining structures the site visit to foundation structure is necessary. The study of pile foundation and its elements will add knowledge to our students. The site visit is organized on date 21st and 23rd April, 2022.

For the same we require our college bus. So, kindly permit for the same.

Location of site:

1, Viraj City,

Infront of Kagal S.T. Stand,

NH-4, Tal. Kagal, Dist. Kolhapur.

Thanking you.

Permitted
21.4.2022



Prof. N.A. Mohite
Site Visit Coordinator



Prof. P.J. Jadhav
Subject Teacher



Prof. M.M. More
Subject Teacher



Prof. V.S. Kadam
H.O.D. Civil



BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING, KOLHAPUR


- **Organizing Department:** Civil Engineering Department.
- **Name of Activity:** Site visit to study of pile foundation at Viraj City, Kagal
- **Name of Coordinator:** Prof. Nitish A. Mohite
- **Name of Resource Person:** Mr. Anil Vibhute, Site Engineer
- **Date of Activity:** 21st April, 2022
- **Participants:** Final Year B. Tech. Civil Engineering students *Total 76 students*

Details of Activity: A educational study visit was organized on 21st April, 2022 to do study of pile foundation at Viraj City, Kagal for Final Year B. Tech. Civil Engineering students. The main reason behind this was to let student know things practically through interaction, working methods and employment practices. Moreover, it gave exposure from academic point of view. Technology development is a main factor, about which a student should have a good knowledge. Mr. Anil Vibhute Sir shared their views and experience of designing and detailing of pile foundation.

- **Outcome of Activity: Updating of Student's Knowledge.**
 1. Students can gain a combined knowledge about both theory and practical.
 2. To enhance their practical knowledge in subject SDOFR (Structural Design of Foundation and Retaining structures).
 3. Students understood how the planning, designing and detailing of pile foundation is done as per the IS code and what are the measure consequences at construction site while doing the site work.
- **Photo:**




Prof. N.A. Mohite
Coordinator


Prof. M.M. More
Subject Teacher


Prof. V.S. Kadam
H.O.D.


Dr. V.R. Ghorpade
Principal

THEORY ATTENDANCE SHEET

Class :	Shift :	Div :	Subject : Site Visit Vijay City Nagal					
Year :			Name of the Faculty :					
Sem :			From :			To :		
Roll No.	Name	Date :	Date :	Date :	Date :	Date :	Date :	
		21/04/22						
1	Amyan R. Dhanavade	Patil			21			
2	Narayan P. Zbrampurkar	Patil			09			
3	Shreejit S. Maske	S.Sim			03			
4	Ashitosh R. Mohite	Am			05			
5	Patil Sahil Subhas	Patil			12			
6	Amir hamza J. Munshi	Amir			12			
7	Aniket S. Chauhan	Shauhan			10			
8	Aniruddha R. Desai	Desai			12			
9	Harshwardhan S. Desai	Hdesai			08			
10		X			AB			
11	Aniket T. Gaikawade	T. G			07			
12		X			AB			
13	Anurag J. More	Amr			09			
14	Janhavi R. Khade	Khade			12			
15	Swapnil S. Kamble	Subnil			00			
16	Niraj S. Kokate	Kokate			10			
17	Sanket S. Mahind	Sanket			05			
18		X			AB			
19	Tushar Subhash More	Amr			00			
20	Abhishek S. Dhanavade	Amr			02			
21	Nikam Prathamesh H	Amr			21			
22	Otari B. Tejaswini D.	T. D. Otari			07			
23		X			AB			
24	Shivtej P. Palkar	Patil			10			
25	Patil Pratik P.	Patil			17			
26	Prithviraj D. Patil	Patil			12			
27	Rohit R. Patil	Patil R.R.			05			
28		X			AB			
29	Sanket S. Patil	Patil			00			
30	Sudip D. Patil	S.D. Patil			00			
31	Vedant B. Patil	Patil			11			
32	Atharv R. Pawar	Atharv			09			
33	Kartik R. Pawar	Kartik			00			
34	Kunal K. Pawar	Pawar			09			
35	Pawar Raha B. Pawar	Pawar			09			
36	Ramprasad R. Prajapat	Ramprasad			12			
37	Harsh M. Ranadive	Harsh			16			
38		X			AB			
39	Saurav P. Salvi	Salvi	1		06			
40	Vivek V. Sawant	Sawant			08			
41	Prathamesh S. Shete	Shete			02			
42		X			AB			
43		X			05			



Bharati Vidyapeeth's College of Engineering, Kolhapur.

Department of Civil Engineering

Date:18/04/2022

NOTICE

(Final Year B.Tech. Students)

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So, it is compulsory to attend the same.

Location of site:

1. Viraj City,

Infront of Kagal S.T. Stand,

NH-4, Tal.Kagal, Dist.Kolhapur.

Prof.N.A.Mohite

Site Visit Coordinator

Prof.V.V.Mane

Practical Teacher

Prof.S.S.Kotwal

Subject Teacher

Prof.V.S.Kadam

H.O.D. Civil

Date-27/09/2022

To,

Principal,

Bharati Vidyapeeth's

College of Engineering, Kolhapur.

Subject: To get permission for educational site visit to Residential structure

Respected sir,

As per the need of syllabus, we are arranging site visit to Residential B+G+ 6 structure at Capital, Rajarampuri 6th Lane, Kolhapur. As per the curriculum of Final Year B.Tech. Civil for the subject of Design of Concrete Structures-I the site visit to RCC structure is necessary. The study of planning and design of various elements of the building will add knowledge to our students. The site visit is organized on date 30th September, 2022. For the same we require our college bus. So, kindly permit for the same.

Location of site:

1. Capital,
Rajarampuri 6th Lane,
Kolhapur 416008.

Thinking you.


Prof. N.A. Mohite
Site Visit Coordinator


Prof. S.S. Katwal
Subject Teacher


Prof. V.S. Kadam
H.O.D. Civil

Permitted
24/09/22




BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING, KOLHAPUR


- Organizing Department: Civil Engineering Department.
- Name of Activity: Visit to Residential B+G+ 6 structure at Tawade's Govind Excellence, Rajarampuri, Kolhapur
- Name of Coordinator: Prof. Nitish A. Mohite
- Name of Resource Person: Er.Umesh Chougule and Er. Rahul Shinde
- Date of Activity: 19th April, 2022
- Participants: Final Year B. Tech. Civil Engineering students Total 82 students .
- Details of Activity: A educational study visit was organized on 19th April, 2022 to Residential B+G+ 6 structure at Tawade's Govind Excellence, Rajarampuri, Kolhapur for Final Year B. Tech. Civil Engineering students. The main reason behind this was to let student know things practically through interaction, working methods and employment practices. Moreover, it gave exposure from academic point of view. Technology development is a main factor, about which a student should have a good knowledge. Er.Rahul Shinde and Er. Umesh Chougule Sir shared their views and experience of designing and detailing of RCC structure.
- Outcome of Activity: Updating of Student's Knowledge.
 1. Students can gain a combined knowledge about both theory and practical.
 2. To enhance their practical knowledge in subject DCS-II (Design of Concrete Structures-II) and SDD-II (Structural Design and Drawing-II).
 3. Students understood how the planning, designing and detailing of RCC building is done as per the IS code and what are the measure consequences at construction site while doing the site work.

- Photo:




Prof. N.A. Mohite
Coordinator


Prof. V.V. Mane
SDD-II Practical
Teacher


Prof. S.S. Kotwal
DCS-II Subject
Teacher


Prof. V.S. Kadam
H.O.D.


Dr. V.R. Ghorpade
Principal



BHARATI VIDYAPEETH'S
COLLEGE OF ENGINEERING, KOLHAPUR
DEPARTMENT : CIVIL

THEORY ATTENDANCE SHEET

Class :	Shift :	Div :	Subject : <u>Site visit to Tawade's Ground</u>					
Year :			Name of the Faculty : <u>Excellence Rajarampuri</u>					
Sem :			From :		To :			
Roll No.	Name	Date :	Date :	Date :	Date :	Date :	Date :	
1	Shweta Bhogavakar	19/6/22						
2	Atharva Chorenkar	As. Cha						
3	Ramraj Desai	Desai						
4	Aniket Gote	Ap.						
5	Harshal Kule	Hule						
6	Kashif Karol	Karol						
7	Vishwajeet R. Magar	V. Magar						
8	Abhishek R. Bhurale	Abhurale						
9	Ritik S. Rokde	R. S. Rokde						
10	Sushant Sutar	Sutar						
11	Ketan Jawalkar	Jawalkar						
12	Ritesh Kamble	Ritesh						
13	Rutik Magadum	Rutik						
14	Prasad R. Mane	P. R. Mane						
15	Abhijeet V. Bhilare	Abhi						
16	Ashish P. Mahajan	Ashish						
17	Ashpak H. Momin	Ashpak						
18	Tejas D. Darcade	Tejas						
19	Sanket A. Kamble	Sanket						
20	Absent							
21	Sanket. Rohant. Burhade	Sanket						
22	Absent							
23	Absent							
24	Proshant S. Dobhade	Proshant						
25	Rwati Anil Dalavi	RAD						
26	Prathviraj J. Davadate	Prathviraj						
27	Jyotiraditya Desai	J. S. D.						
28	Prabhakar P. Gajkumar	Prabhakar						
29	Shrutika P. Gavali	Shrutika						
30	Hemanshu C. Gawade	Hemanshu						
31	Jadhav Atharv S.	Jadhav						
32	Jadhav Prathmesh A.	Jadhav						
33	Jadhav Saurabh S.	Jadhav						
34	Jadhav Saurabh Sargerao	Jadhav						
35	Jagtap Pradnya B.	Jagtap						
36	Shreyash M. Kalkutale	Shreyash						
37	Parasharam Vijay Kumbale	Parasharam						
38	Yash Prafull Kumbale	Yash						
39	Pratik Rajendra Lael	Pratik						
40	Riteshkumar Netaji Londhe	R. Londhe						
41	Omkar Rajendra Malavade	Omkar						
42	Saiaraj D. Mane	Saiaraj						
43	Prathmesh R. Mohite	Prathmesh						

Roll No.	Name	Date :	Date :	Date
44	Glyasahamad . F. Mullu	2/1/21		
45	Vaibhav . G . Nalawade	Glyasahamad		
46	Tanish Narshte	Nalawade		
47	Swarangi . U. Parab.	Tanish		
48	Komal U. Parulkare	Swarangi		
49	Poojit GAURAV C.	Parab		
50	Patil ARBHA U.	Parulkare		
51	Deepali S. patil	Poojit		
52	Harshvardhan K. Patil	Patil		
53	Mayur Patil	ARBHA		
54	Pushpak Patil	Deepali		
55	Shreya . A. Patil	Harshvardhan		
56	Sourav S. Patil	Mayur		
57	Shivraj Satish Pawar	Pushpak		
58	Pawar Swapnil	Shreya		
59	Pratiksha Pawar	Sourav		
60	Vaibhav . R. Pawar	Shivraj		
61	Rohit . S. Rajgure	Swapnil		
62	Mayuresh Relekar	Pratiksha		
63	Prutkan D. Sanadi	Vaibhav		
64	Shreyash P. Sawant	Rohit		
65	Parshad Vijay Sherkh	Mayuresh		
66	Shaiikh Arbaaj I	Prutkan		
67	Shaiikh Atif A	Shreyash		
68	Omkar R. Shendage	Parshad		
69	Shinde Abantolra Rhyesh	Arbaaj		
70	Sutar Anushka P.	Atif		
71	Sutar Krunal Sanjay	Omkar		
72	Sutar mayur Nagnath	Shinde		
73	Sutar suchitra sanjay	Anushka		
74	Talokare Shivam Dilip	Krunal		
75	Undage Aniket Dinkar	Sanjay		
76	Abdulla . U. Kudchi	Mayur		
77	Omkar A. Patil	Nagnath		
78	Tanmay S. Tiwale	Suchitra		
79	Ganjesi Tejes Sanjay.	Talokare		
80		Undage		
81		Abdulla		
82		Omkar		
83		A. Patil		
84		Tanmay		
85		S. Tiwale		
85		Ganjesi		
87		Tejes		



Bharati Vidyapeeth's College of Engineering, Kolhapur.

Department of Civil Engineering

Date: 09th June 2022

NOTICE

(S.Y. B.Tech. Students)

All S.Y. B.Tech. students are hereby informed you that as per the need of curriculum of S.Y.Civil for the subject of Concrete Technology subject in Civil Engineering it is mandatory to conduct a visit to RMC Plant. The site visit is organized on date 14th June, 2022.

So, it is compulsory to attend the same.

Location of site:

1. Tawade's Govind Excellence,

Rajarampuri 6th Lane Main Road,
Kolhapur 416008.

Prof.N.A.Mohite

Site Visit Coordinator

Prof.P.J.Jadhav

Subject Teacher

Prof.V.S.Kadam

H.O.D. Civil

Date: 09th June 2022

To,
The Principal,
Bharati Vidyapeeth's College of Engineering,
Kolhapur.

Subject: Permission for using college bus for S.Y.B.Tech. Students visit to RMC Plant, Shiye.

Respected Sir,

As a part of Shivaji University Syllabus for Concrete Technology subject in Civil Engineering it is mandatory to conduct a visit to RMC Plant. So, accordingly we are planning to visit Supertech RMC plant on 14th June, 2022. We have planned this industry visit for second year students of Civil Engineering of our college in order to give them an insight about the things work in the real life scenario.

There would be a total of 76 students accompanied by two faculty members from our college. For this purpose we require our college bus.

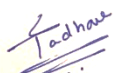
So it is a request to provide the college bus for the same.

Thanking you.



Prof.N.A.Mohite

Site Visit Coordinator



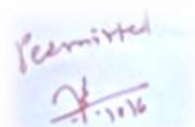
Prof.P.J.Jadhav

Subject Teacher



Prof.V.S.Kadam

H.O.D. Civil



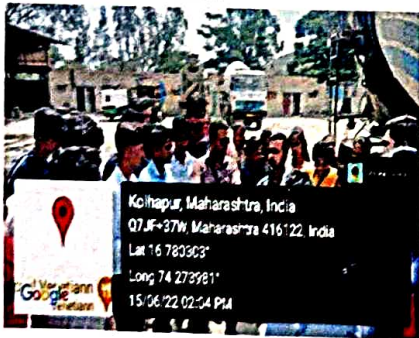


BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING, KOLHAPUR

- Organizing Department: Civil Engineering Department.
- Name of Activity: Site visit to study of New Supertech RMC plant at Shiye, Kolhapur
- Name of Coordinator: Prof. Nitish A. Mohite
- Name of Resource Person: Mr. Suresh Jadhav and Panchal Sir, Engineer
- Date of Activity: 15th June, 2022
- Participants: Second Year B. Tech. Civil Engineering students *Total 65 Students*

Details of Activity: A educational study visit was organized on 15th June, 2022 to do the study of entire RMC plant and show the various processes involved in the production of ready mix concrete at New Supertech RMC plant, Shiye, Kolhapur for Second Year B. Tech. Civil Engineering students. The main reason behind this was to let student know things practically through interaction, working methods and employment practices. Moreover, it gave exposure from academic point of view. Technology development is a main factor, about which a student should have a good knowledge. Mr. Suresh Jadhav and Panchal Sir shared their views and explained thoroughly how the production of RMC is done maintaining the quality in time and as per the clients requirement. Vote of thanks was given by Prof. N.A.Mohite Sir.

- **Outcome of Activity: Updating of Student's Knowledge.**
- 1. Students can gain a combined knowledge about both theory and practical.
- 2. To enhance their practical knowledge in subject Concrete Technology.
- 3. Students understood various processes involved in the production of ready mix concrete and what are the measure consequences to be remembered during the production of ready mix concrete.
- **Photo:**



[Signature]
Prof. N.A. Mohite
Coordinator



[Signature]
Prof. P.J.Jadhav
Subject Teacher



[Signature]
Prof. V.S.Kadam
H.O.D.

[Signature]
Dr. V.R.Ghorpade
Principal



**BHARATI VIDYAPEETH'S
COLLEGE OF ENGINEERING, KOLHAPUR**

DEPARTMENT : Civil

THEORY ATTENDANCE SHEET

Class :	Shift :	Div :	Subject : <u>Study Tour New Supertech</u>					
Year :			Name of the Faculty : <u>RMC Plant</u>					
Sem :			From :			To :		
Roll No.	Name	Date :	Date :	Date :	Date :	Date :	Date :	Date :
1		15/06/22						
1	Bagade Santosh Shrikant	Santosh						
2	Chile Shubham Tanaji	Shubham						
3	Domb Deepak Mahadwar	Deepak						
4	Ghadage Sudarshan Arjun	SDG						
5	Moin Jafarkhan Girkar	Koushik						
6	MR. Pratik Ashok Gulare	GP						
7	Neeraj Pratap Tadhar	Nadhar						
8	Naik Sanika Vishwas	Sanika						
9	Shreyash A. Patil	Shreyash						
10	Ronit Rahul Potdar	R.R.P.						
11	Kshitij S. Pawar	K.S.P.						
12	Karshnavarhan V. Shinde	Karshnavarhan						
13	Manali Raju Dabholkar	M.D.						
14	Abhishek S. Dongare	Abhishek						
15	Shivraj B. Jadhav	Shivraj						
16	Marshavarhan R. More	Marshavarhan						
17	More Pratik Pandurang	P.P.M.						
18	Aurshkar A. Patil	A.P.						
19	Prathamesh A. Pymal	P.P.M.						
20	Aditya D. Sawant	Aditya						
21	Prasad A. Shinde	Prasad						
22	Viraj Shankar Shinde	Viraj						
23	Shifa S. Attar	Shifa						
24	Santosh Suresh Bhoi	Santosh						
25	Omkar Dattatray Bhosale	Omkar						
26	Shreebhashi D. Gore	Shreebhashi						
27	Kaetik B. Jadhav	K.B.J.						
28	Suyog R. Jadhav	S.R.J.						
29	Prathamesh S. Kadam	P.S.K.						
30	Vaishnavi A. Kale	V.A.K.						
31	Gorakh V. Jambale	G.V.J.						
32	Manjeer R. Kambale	M.R.K.						
33	Ashok Y. Kharbade	A.Y.K.						
34	Khose Vishwasjeet A.	V.K.A.						
35	Divya Y. Mahadik	D.Y.M.						
36	Utkarsh V. Mane	U.V.M.						
37	Vaishnavi D. Marpote	V.D.M.						
38	Rounak I. Mulla	R.I.M.						
39	Patil Abhishek Sudhir	A.P.S.						
40	Patil Abhishek Virayak	A.P.V.						
41	Patil Aniket Yuvraj	A.Y.Y.						
42	Patil Madan Santaram	M.S.P.						
43	Patil Prathamesh Bhimrao	P.B.						

Roll No.	Name	Date :	Date :	Date :	Date :	Date :	Date :
44	Patil Rutuja Rahul.	Patil					
45	Sarvesh. S. Patil	Patil					
46	Patil Shubham Dilip	Patil					
47	Patil Tushar Rangrao	Patil					
48	Patil Yash Anand	Patil					
49	Pawar Vijay Totiram	V. JP					
50	siddhesh. s. paymal	Paymal					
51	Prasad M. Phulari	Prasad					
52	Raviraj. B. Potdar	Potdar					
53	Vaishnavi. V. Rajput.	Rajput					
54	Apurva R Raut	Raut					
55	Rutwik Rajesh Sawant	Sawant					
56	sahil. D. sawant	Sawant					
57	Moh. M. Shaikh	Shaikh					
58	oaiy. Y. Shaikh	Shaikh					
59	Sayali. V. Shinde	Shinde					
60	Prasad V sodage	Sodage					
61	Sachin. S. Sutar	Sutar					
62	Kamlesh S. Torasakar	Torasakar					
63	Sankalp. R. Vanale	Vanale					
64	Sumit S. Vanute	S.S.V					
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Bharati Vidyapeeth's College of Engineering, Kolhapur.

Department of Civil Engineering

Date:27/09/2022

NOTICE

(Final Year B.Tech. Students)

All Final Year B.Tech. students are hereby informed you that as per the need of curriculum of Final Year B.Tech. for the subject of Design of Concrete Structure-I we are arranging site visit to Residential Residential B+G+ 6 structure at Capital,Rajarampuri 6th Lane, Kolhapur. The site visit is organized on date 30th September, 2022.

So, it is compulsory to attend the same.

Location of site:

1. Capital,

Rajarampuri 6th Lane Main Road,
Kolhapur 416008.

Prof.N.A.Mohite

Site Visit Coordinator

Prof.S.S.Kotwal

Subject Teacher

Prof.V.S.Kadam

H.O.D. Civil

Date:27/09/2022

To,
Principal,
Bharati Vidyapeeth's
College of Engineering, Kolhapur.

Subject: To get permission for educational site visit to Residential structure

Respected sir,

As per the need of syllabus, we are arranging site visit to Residential B+G+ 6 structure at Capital,Rajarampuri 6th Lane, Kolhapur. As per the curriculum of Final Year B.Tech.Civil for the subject of Design of Concrete Structures-I the site visit to RCC structure is necessary. The study of planning and design of various elements of the building will add knowledge to our students. The site visit is organized on date 30th September, 2022.

For the same we require our college bus. So, kindly permit for the same.

Location of site:

1. Capital,
Rajarampuri 6th Lane Main Road,
Kolhapur 416008.

Thanking you.



Prof.N.A.Mohite
Site Visit Coordinator



Prof.S.S.Kotwal
Subject Teacher



Prof.V.S.Kadam
H.O.D. Civil






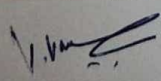
BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING, KOLHAPUR


- **Organizing Department:** Civil Engineering Department.
- **Name of Activity:** Visit to Residential B+G+ 6 structure at Capital, Rajarampuri, Kolhapur
- **Name of Coordinator:** Prof. Nitish A. Mohite
- **Name of Resource Person:** Mr. Nikhil Shah, Partner and Er.Arun Phulasvar, Site Engineer, Marudhar Builders, Kolhapur.
- **Date of Activity:** 30th September, 2022
- **Participants:** Final Year B. Tech. Civil Engineering students
- **Details of Activity:** A educational study visit was organized on 30th September, 2022 to Residential B+G+ 6 structure at Capital, Rajarampuri, Kolhapur for Final Year B. Tech. Civil Engineering students. The main reason behind this was to let student know things practically through interaction, working methods and employment practices. Moreover, it gave exposure from academic point of view. Technology development is a main factor, about which a student should have a good knowledge.
Mr. Nikhil Shah, Partner of Marudhar Builders, Kolhapur gave the overview of their firm and ongoing construction sites. Er. Arun Phulasvar, Site Engineer Sir shared their views and experience of designing and detailing of RCC structure, retaining wall and about waterproofing to the retaining wall. Prof. S.S.Kotwal Sir explained the students about the types of beams and connection. Prof. V.V.Mane Sir explained the students about the flat slab design. Prof. Nitish A. Mohite Sir explained the students about the types of footing and about retaining wall. Vote of thanks was given by Prof. Nitish A. Mohite Sir.
- **Outcome of Activity: Updating of Student's Knowledge.**
 1. Students can gain a combined knowledge about both theory and practical.
 2. To enhance their practical knowledge in subject DCS-I (Design of Concrete Structures-I) and SDD-II (Structural Design and Drawing-II).
 3. Students understood how the planning, designing and detailing of RCC building is done as per the IS code and what are the measure consequences at construction site while doing the site work.

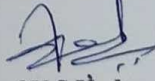
- Photo:

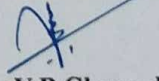



Prof. N.A. Mohite
Coordinator


Prof. V.V. Mane
SDD-II Practical
Teacher


Prof. S.S. Kotwal
DCS-I Subject
Teacher


Prof. V.S. Kadam
H.O.D.


Dr. V.R. Ghorpade
Principal



**BHARATI VIDYAPEETH'S
COLLEGE OF ENGINEERING, KOLHAPUR**

DEPARTMENT : CSE

THEORY ATTENDANCE SHEET

Class :	Shift :	Div :	Subject : <u>Site Visit Rajawade</u>				
Year :			Name of the Faculty :				
Sem :			From :	To :			
			Date :	Date :	Date :	Date :	Date :
Roll No.	Name		30/09/22				
1	Bagade Santosh Shrikant		Bagade				
2	Chile Shubham Tejaji		Chile				
3	Domb Deepak Mahadev		Domb				
4	Chodage Sudarshan Arjun		Chodage				
5	Moin Isfankhan Girkar		Moin				
6	MR. Pratik Ashok Gulave		Gulave				
7	Neeraj Pratap Jadhav		Neeraj				
8	Naik Sanika Vishwas		Naik				
9	Shreyash A. Patil		Patil				
10	Ronit Rahul Patidar		R.P.P.				
11	KSHITIJ S. POWAR		Powar				
12	Harshvardhan V. Shinde		Shinde				
13	Manali R. Dabholkar		Dabholkar				
14	Ashish S. Dongare		Dongare				
15	Shivraj B. Jadhav		Jadhav				
16	Harshvardhan R. More		More				
17	Pratik Pandurang More		P. More				
18	Avishkar A. Patil		Patil				
19	Prathmesh N. Pagmal		P. Pagmal				
20	Aditya D. Sawant		Sawant				
21	Prasad A. Shinde		Shinde				
22							
23	Shifa S. Attar		Attar				
24	Sankalp S. Bhoi		Bhoi				
25	Omkar Dattatray Bhasale		Bhasale				
26	Shubham D. Gore		Gore				
27	Kaetika B. Jadhav		Jadhav				
28	Suyog R. Jadhav		Jadhav				
29							
30	Vaishnavi Anil Kele		Kele				
31	Gorakh V. Kamble		Kamble				
32	Manjeer R. Kamble		Kamble				
33	Ashok Y. Kharbade		Kharbade				
34	Khose Vishwajeet A.		Khose				
35	Divya Y. Mahadik		Mahadik				
36	Utkarsh V. Mane		Mane				
37	Vaishnavi D. Mapale		Mapale				
38	Rounak F. Mulla		Mulla				
39	Patil Abhishek Sachin		Patil				
40	Patil Abhishek Vinayak		Patil				
41	Patil Aniket Yuvraj		Patil				
42	Patil Madan Santaram		M.S.P.				
43	Patil Prathmesh Bhime		Patil				

Roll No.	Name	Date :	Date :	Date :	Date :	Date :	Date
44	Patil Rutuja Rahul	Patil					
45	Sarvesh. S. Patil	S.S.P					
46	Patil Shubham Dilip	Patil					
47	Patil Tushar R.	Patil					
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50	Siddhesh. S. Paymal						
51	Prasad M. Phuluri	Prasad					
52	Raviraj. B. Potdar.	Patil					
53	Vaishnavi V. Raut	Raut					
54	Apurva R Raut	APURV					
55	Rutwik Rajesh Sawant	Rutwik					
56	Sahil Dilip Sawant	Sawant					
57	Matin. Maksud. Shaikh	Matin					
58	Devi. Y. Shinde	Devi					
59	Sayali. V. Shinde	Sayali					
60	Prasad V. Sodage	Prasad					
61	Sachin. S. Sutar.	Sachin					
62	Kamlesh S. Torasalkar	Kamlesh					
63	Sankalp. R. Varale	Sankalp					
64	Sumit S. Varate	Sumit					
65	Waghmode Shubhange	Waghmode					
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सिध्दीविनायक

मल्टिस्पेशलिटी हॉस्पिटल

गारगोटी-कोल्हापूर मेन रोड, गणपती मंदिरजवळ तुरंवे ता. राधानगरी
जि. कोल्हापूर. Mo. 8237950907, 9882594141

एजि.नं. २५३



दिनांक : ११/६/२०२२

MEMORANDUM OF UNDERSTANDING

In order to declare their joint intension to cooperate in some or all the fields of academics and industrial endeavor for their mutual benefit.

Party 1: Sidhhivinayak Multispecialty Hospital

Party 2: Department of Electronics and Telecommunication Engineering, Bharati Vidyapeeth's College of Engineering, Kolhapur

Agrees to explore opportunities for collaboration in the areas described here below:

1. Sharing the technology for academic purpose only.
2. Testing the result of the project as per requirement.
3. Any other academic activity with mutual consent.

Sidhhivinayak Multispecialty Hospital and Bharati Vidyapeeth's College of Engineering Kolhapur agree to share the information in strict confidence and will respect the intellectual property rights of each other.

Dr. K.R. Desai

H.O.D.

Dr. V.R. Ghorpade

Principal

Dr. Dilip R. Patil (M.B.B.S.)
Reg. No. 78103 LIC Code No. 69251
Exp. 20,00,000/-
Alp. Kasba Walve, Bk., Tal. Radhanag
Dist. Kolhapur. Pin 416221.



सिध्दीविनायक

रजि.नं. २५३

मल्टिस्पेशलिटी हॉस्पिटल

गारगोटी-कोल्हापूर मेन रोड, गणपती मंदिरजवळ तुरंबे ता. राधानगरी
जि. कोल्हापूर. Mo. 8237950907, 9882594141



दिनांक :

To,

Principal,

BharatiVidyapeeth'sCollegeofEngineering,Kolhapur.

Subject: Approval letter for sponsored project design development and manufacturing of Design and Fabrication of "Wireless Transmission of ECG Signal".

Dear Sir,

This is in reference to your letter from your students for project sponsorship. We are pleased to accept your letter and provide permission for doing a project at our concern. As per the policy we provide good resources and materials for the successful completion of the project.

We hereby approved an application from students and further activities of below mentioned students from the Department of Electronics and Telecommunications. The names of the students are

1. PATIL TEJASWINI ARJUN
2. KUPATE VAISHNAVI SAMBHAJI
3. SUTAR AISHWARYA BAJIRAO

We wish them the very best in all their future endeavors.

Dr. Dilip R. Patil

Dr. Dilip R. Patil (M.B.B.S.)
Reg. No. 1003 LIC Code No. 69251
Limit 20,00,000/-
Np. Kasba Walve, Bk., Tal. Radhanagri
Dist. Kolhapur. Pin 416221.



सिध्दीविनायक

मल्टिस्पेशलिटी हॉस्पिटल

गारगोटी-कोल्हापूर मेन रोड, गणपती मंदिरजवळ तुरंबे ता. राधानगरी
जि. कोल्हापूर. Mo. 8237950907, 9882594141

रजि.नं. २५३



दिनांक :

To,
Principal,
Bharati Vidyapeeth's College of Engineering, Kolhapur

Subject: Completion of Project

Respected Sir,

This is to certify that the students mentioned below are from Bharati Vidyapeeth's College of Engineering, Kolhapur belonging to Electronics and Telecommunication Department has successfully completed the project "Wireless Transmission of ECG signal".

As per our "Siddhivinayak Multispecialty Hospital, Turambe Kolhapur" has sponsored the project for the following student have been provided guidance by our doctors as per the requirement of the project.

Following are the student to whom the sponsorship letter has been given

1. PATIL TEJASWINI ARJUN
2. KUPATE VAISHNAVI SAMBHAJI
3. SUTAR AISHWARYA BAJIRAO

Regards

Dr. Dilip R. Patil

Dr. Dilip R. Patil (M.B.B.S.)
Reg. No. 2403 LIC Code No. 69251
Limit 20,00,000/-
MBBS
Ap. Kesba Walve, Bk., Tal. Radhanagri
Dist. Kolhapur. Pin 416221.

Outward number: NST 2022/LET/1628

Date: 03/02/2022

MEMORANDUM OF UNDERSTANDING

In order to declare their joint intention to cooperate in some or all the fields of academics and industrial endeavor for their mutual benefit.

Party 1: NETSOFT TECHNOLOGIES

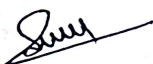
Party 2: Department of Computer Science & Engineering, Bharati vidyapeeth's college of Engineering, Kolhapur.

Agrees to explore opportunities for collaboration in the areas described here under:

1. Free Sponsorship of final year project:
E-LEARNING QUALITY EVALUATION TOOL:ASSESSING STUDENT ATTENTION USING ML APPROACH
2. Sharing the technology for academic purpose only.
3. Internship program for students as per requirements.

NETSOFT TECHNOLOGIES and Department of Computer Science & Engineering Bharati Vidyapeeth's College of Engineering, Kolhapur agrees to share the information in strict confidence and will respect the intellectual property right of each other.

Stamp and Sign



Prof. S.M. MULLA

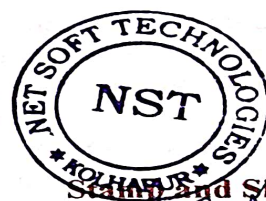
Head,
Dept. of Computer Sc. & Engineering
Bharati Vidyapeeth's
College of Engineering Kolhapur

Stamp and Sign

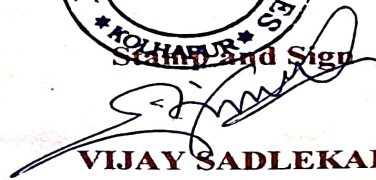


Dr. V.R. GHORPADE

Principal
BHARATI VIDYAPEETH'S
COLLEGE OF ENGINEERING
KOLHAPUR



Stamp and Sign



VIJAY SADLEKAR
Managing Director

- ▶ SOFTWARE DEVELOPMENT
- ▶ TRAINING ▶ CERTIFICATIONS
- ▶ ONLINE EXAMS ▶ CONSULTANCY

Outward number: - NST2022/LE1629

Date: 03/02/2022

To,

Principal,

Bharati Vidyapeeth's College of Engineering, Kolhapur.

Subject: - Sponsorship and Internship for final year project of engineering.

Respected Sir,

We are pleased to inform you that our organization "NETSOFT TECHNOLOGIES, KOLHAPUR" has chosen following students for being sponsored and given Internship under our Student Development and Encouragement Program for completing their final year project.

1. Akshata Uday Gondhali
2. Aishwarya Shahaji Bhore
3. Vaishnavi Prashant Gavali
4. Vedika Padmakar Hodage
5. Susmita Gangaram Hajare

E-LEARNING QUALITY EVALUATION TOOL:

ASSESSING STUDENT ATTENTION USING ML APPROACH

E-learning is one of the trending features of educational data management systems nowadays. A novel approach to automatic estimation of attention of students during lectures in the classroom is one of the major analysis parts of E-learning systems to be implemented. The Main objective of our proposed system is to be detect the gestures of students while they are into a E-learning platform and analyze their level of attention onto the topic being taught. this analysis will be further used to track attendance and send to the teachers and respective parents

After completing the project, we shall consider a demonstration of the project and if it fits to our organization's requirements, we shall buy this project from students in the future. The expenses provided by us should be spent on the study materials, stationery and instruments required for establishing setup of the project.

Thanking You.



Vinayak IT Solutions

Address: Mahadev Nivas, Rajendranagar, Kolhapur-416004.

Contact: 8007002203.

REF: 2022/23

DATE: 27/01/2022

MEMORANDUM OF UNDERSTANDING

In order to declare their joint intention to cooperate in some or all the fields of academics and industrial endeavor for their mutual benefit.

Party 1: Vinayak IT Solutions

Party 2: Department of Computer Science & Engineering, Bharati vidyapeeth's college of Engineering, Kolhapur.

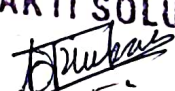
Agrees to explore opportunities for collaboration in the areas described here under:

1. Sponsorship of final year project : **Price prediction for second-hands vehicles.**
2. Sharing the technology for academic purpose only.
3. Internship program for students as per requirements.
4. Any other academic activity with mutual consent.

Vinayak IT Solutions and Department of Computer Science & Engineering Bharati Vidyapeeth's College of Engineering, Kolhapur agrees to share the information in strict confidence and will respect the intellectual property right of each other.


Prof. S.M. Mulla
HOD- CSE Dept


Dr V.R. Ghorpade
Principal

For, VINAYAK IT SOLUTIONS

SOLE PROPRIETOR
Hemant Divekar
Proprietor

Vinayak IT Solutions

Address: Mahadev Nivas, Rajendranagar, Kolhapur-416004.

Contact: 8007002203.

REF: 2022/22

DATE: 27/01/2022

To,
Principal,
Bharati Vidyapeeth's College of Engineering, Kolhapur.
Subject:- Sponsorship and Internship for final year project of engineering.
Respected Sir,

We are pleased to inform you that our organization Vinayak IT Solutions, Mahadev Nivas, Rajendranagar, Kolhapur has chosen following students for being sponsored and given Internship under our Student Development and Encouragement Program for completing their final year project.

1. Miss. Nisha Ashok Kadam (63)
2. Miss. Nita Tukaram Methe (64)
3. Miss. Tejashri Shrirang Patil (65)
4. Miss. Rasika Govind Varape (66)
5. Miss. Shilpa Pandurang Waghmode (67)

Plants become an important source of energy and only a primary source to the problem of global warming. The damage caused by emerging, re-emerging and endemic pathogens, is important in plant systems and leads to potential loss economically. In addition, Leaf diseases contribute directly and indirectly to the spread of human infectious diseases and environmental damage. As these diseases are spreading worldwide causing damage to the normal functioning of the plant and also damaging the financial condition by significantly reducing the quantity of Leafs grown. The Leaf production losses its quality due to much type diseases and sometimes they occur but are even not visible with naked eyes. Farmers estimate the diseases by their experience but this is not proper way.

After completing the project we shall consider a demonstration of the project and if it fits to our organization's requirements we shall buy this project from students in the future. The expenses provided by us should be spent on the study materials, stationary and instruments required for establishing setup of the project.

Thanking You.

Regards,

FOR VINAYAK IT SOLUTIONS



SOLE PROPRIETOR

Vinayak IT Solutions

Vinayak IT Solutions

Address: Mahadev Nivas, Rajendranagar, Kolhapur-416004.
Contact: 8007002203.

13

REF: 2022/45

DATE: 08/07/2022

Completion Letter

This is certified that the project "Plant Health Monitoring Using Image Processing" has been successfully completed and it is ready to implement by the following final year B. Tech Computer Science and Engineering students of Bharati Vidyapeeth's College of Engineering, Kolhapur. This application fulfills all the requirements that were analyzed and it is working error free.


The team took all the efforts to complete the project.

Student Names

- Miss. Nisha Ashok Kadam (63)
- Miss. Nita Tukaram Methhe (64)
- Miss. Tejashri Shrirang Patil (65)
- Miss. Rasika Govind Varape (66)
- Miss. Shilpa Pandurang Waghmode (67)

Thanking You.

Regards,


SOLE PROPRIETOR
Vinayak IT Solutions

Vinayak IT Solutions

Address: Mahadev Nivas, Rajendranagar, Kolhapur-416004.

Contact: 8007002203.

REF: 2022/24

DATE: 27/01/2022

To,

Principal,

Bharati Vidyapeeth's College of Engineering, Kolhapur.

Subject:- Sponsorship and Internship for final year project of engineering.

Respected Sir,

We are pleased to inform you that our organization Vinayak IT Solutions, Mahadev Nivas Rajendranagar, Kolhapur has chosen following students for being sponsored and given Internship under our Student Development and Encouragement Program for completing their final year project.

1. Aswale Divya Mohan (21)
2. Belapurkar Unnati Prashant (22)
3. Bhosale Rohan Balasaheb (23)
4. Patil Pratiksha Ravindrakumar (24)
5. Raut Pranoti Krushnat (25)

It predicts the price of the vehicle using linear regression model which identifies different patterns and projects and predicts the value of the vehicle. Confirm: The research finds out which variable associated with the vehicle is the best predictor of its price.

After completing the project we shall consider a demonstration of the project and if it fits to our organization's requirements we shall buy this project from students in the future. The expenses provided to us should be spent on the study materials, stationary and instruments required for establishing setup of the project.

Thanking You.

Regards,

For, VINAYAK IT SOLUTIONS

SOLE PROPRIETOR

Vinayak IT Solutions

Outward number:-MS/0231/2022

Date :- 25/1/2022

MEMORANDUM OF UNDERSTANDING

In order to declare their joint intention to cooperate in some or all the fields of academics and industrial endeavor for their mutual benefit.

Party 1: Mindit Sanvad, Kolhapur.

Party 2: Department of Computer Science & Engineering, Bharati Vidyapeeth's College of Engineering, Kolhapur.

Agrees to explore opportunities for collaboration in the areas described here under:


1. Sponsorship of final year project.
2. Sharing the technology for academic purpose only.
3. Internship program for students as per requirements.
4. Any other academic activity with mutual consent.

Mindit Sanvad and Department of Computer Science & Engineering Bharati Vidyapeeth's College of Engineering, Kolhapur agrees to share the information in strict confidence and will respect the intellectual property right of each other.

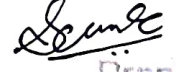
Prof. S. M. Mulla


HOD-CSE Dept.

Dr. V. R. Ghorpade


Principal

Pradeep Sonar
FOR MINDIT SANVAD


Proprietor
Managing Director
(Mindit Sanvad)

Date:- 25/1/2022

Outward number:-MS/0231/2022

To,
Principal,
Bharati Vidyapeeth's College of Engineering, Kolhapur.

Subject:- Sponsorship and Internship for final year project of engineering.

Respected Sir,

We are pleased to inform you that our organization "Mindit Sanvad, Kolhapur" has chosen following students for being sponsored and given Internship under our Student Development and Encouragement Program for completing their final year project.

1. Mr. Shubham R. Bhakare
2. Miss. Shrutika S. Bhintade
3. Miss. Tanmayee D. Dudhagaonkar
4. Miss. Shweta S. Giri
5. Mr. Onkar R. Kanbargi
6. Miss. Utkarsha P. Salokhe

The project "BVC Portal" aims to create a platform where students can get all the information regarding the College easily at one place without any difficulty.
After completing the project, we shall consider a demonstration of the project and if it fits to our organization's requirements, we shall buy this project from students in the future. The expenses provided by us should be spent on the study materials, stationery and instruments required for establishing setup of the project.

Thanking You.

Regards,



FOR MINDIT SANVAD
Pradeep Sonar
(Managing Director)
Proprietor

Outward number:- MS0231/2022

Date:-09/07/2022

To,
Principal,
Bharati Vidyapeeth's College of Engineering, Kolhapur.
Subject:- Completion of final year project in engineering.

Respected Sir,

This is to certify that below project group members has successfully completed an academic project entitled **"A Web Based Responsive BVC Portal Using DBMS"** with our organization. The project work which is completed is genuine and legitimate.

1. Shubham R. Bhakare
2. Shrutika S. Bhintade
3. Tanmayee D. Dudhgaonkar
4. Shweta S. Giri
5. Onkar R. Kanbargi
6. Utkarsha P. Salokhe

During the tenure of their project with our company, they have shown the great passion and understanding towards their work. The project team has demonstrated high academic understanding and creative skills while carrying out the assigned project.

Thanking You.

Yours faithfully,
Pradeep Sonar



Managing Director
(Mindit Swanad)



MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding here in after referred to as "MOU" is entered on date: 24/01/2022 by and between "BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING, KOLHAPUR" an institute approved by All India Council of Technical Education (AICTE) New Delhi and affiliated to Shivaji University Kolhapur, having its registered office at Kolhapur. The Bharati Vidyapeeth college of Engineering is a private, self financing institution. The college is Accredited by NAAC with 'A' Grade.

And

"THE WORLD OF AUTOMATION" located at Manik Raj Park, Office No:4, 2nd Floor, PCMC Link Rd, opposite Elpro City Square Mall, Chinchwad, Pune, Maharashtra 411033.

The world of Automation is an Energetic and fast growing organisation which is ISO 9001:2015 Certified. It recognize the changing need of industries and helps to integrate the knowledge and skills that assist trainees for enabling opportunities to grow in the industries.

The Role of BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING, KOLHAPUR and THE WORLD OF AUTOMATION Under this MOU is as Follows:

Role of BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING, KOLHAPUR-

- College will arrange seminar/webinar/workshop/guest lecture for students.
- College will provide classroom, labs and other infrastructure for conducting Program.
- College will identify students who would undergo the Inplant Training programs and handover the student list to The World Of Automation, Pune.
- College will finalized the training schedule with The World Of Automation, Pune for inplant training.
- College will ensure that all students who enrolled for inplant training program have regular attendance is mandatory for students.

- College will ensure that all the students who have enrolled for the program take up the assessment as scheduled by The World Of Automation,Pune.

Role of **THE WORLD OF AUTOMATION, PUNE** –

- The World of Automation, Pune will organize seminar, webinar, workshop, and guest lecture for students.
- The World of Automation , Pune will conduct industrial visit during the program .
- The World of Automation, Pune will conduct placement drives as applicable by the sector skill councils.
- The World of Automation, Pune will distribute t he certificates who have successfully cleared the Inplant training, workshop.

Terms of MOU -

- This MOU will be in force for a period of five Years from the date of signing .Either party may terminate this MOU by giving a prior written notice of 30days to the other party.
- In the event of this MOU being terminated of **BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING, KOLHAPUR** and **THE WORLD OF AUTOMATION, PUNE** will not be responsible for providing the further activities to students.
- This MOU can further be extended, subject to mutual agreement of terms and conditions at the end of Five years, on the expiry of this MOU. The intimation of desire to continue should be intimated in writing to The World of Automation, Pune two months prior to the date of expiry of this MOU.
- This MOU or any action of the parties with respect to the other party does not constitute legally binding obligations by both the parties. It only intends to lay out the spirit and understanding of the arrangement for mutual benefit of the respective parties.

The period of MOU will be Five years effective from date: - 24/01/2022 to 24/01/2027

Authorized signature on behalf of Bharati Vidyapeeth's College of Engineering, Kolhapur :

Seal:



Date: 24/01/2022

Mr. R.R. Suryawanshi

III Coordinator

Dr. V.R. Ghorpade

~~Principal~~
BHARATI VIDYAPEETH'S
COLLEGE OF ENGINEERING
KOLHAPUR

Authorized signature on behalf of THE WORLD OF AUTOMATION, PUNE :

Seal:



Date: 02/02/2022

Mr. Ashish Oza

Technical Support

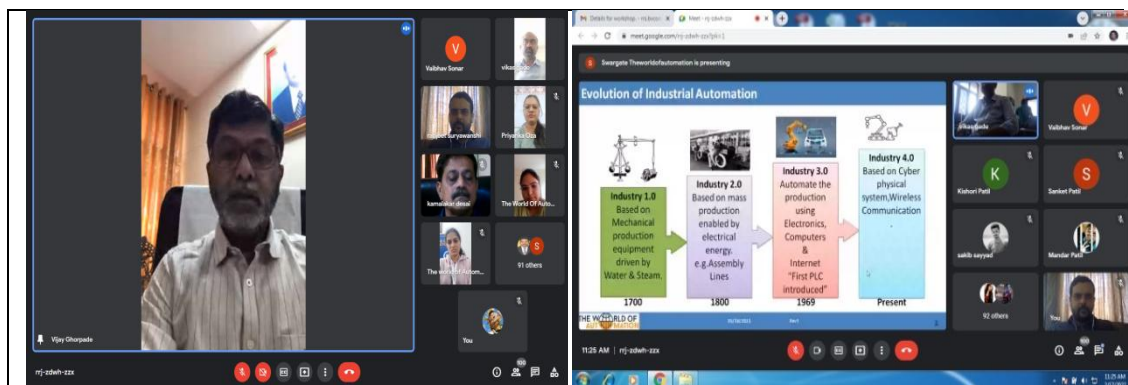
Mrs. Priyanka Oza

Owner & HR

- **Organizing Department** : Electronics & Telecommunication Engineering
- **Name of Activity** : Online Workshop on “Industrial Automation”
- **Date of Activity** : 17th Feb 2022
- **No. of Participants** : 87
- **Resource Person** : Mr.Vikas Gade (World Of Automation Pune)
- **Details of Activity** : Online Workshop on “Industrial Automation” was organized by Department of Electronics and Telecommunication Engineering as part of Industry Institute Interaction , for Students of Third year & Final Year. Approximately 87 students participated in workshop. The Resource person for workshop was Mr.Vikas Gade Sir, Sr. Automation Project Engineer- The World of Automation Pune.

The main objective of this workshop is to make students acquainted with the conceptual as well as practical knowledge of industrial automation and make them understand latest technologies being used to achieve industrial automation.

- **Outcome of Activity** :
 - Students are able to understand need of automation in industry 4.0.
 - Students are able to know basic fundamental concept of industrial automation.
 - Students are able to apply the knowledge of sensors, switches, actuators acquired during their course of studies.
- **How it Bridges gap between Industry and Academia:** This workshop can be helpful to students in order to make them aware about the latest technologies used in Industry and current advancement in this field.
- **Photo:**




Mr.R.R.Suryawanshi
III Coordinator



Dr.K.R.Desai
HOD



Dr. Vijay R. Ghorpade
Principal

Date: 10/02/2022

To,
The Principal
BVCOE Kolhapur.

Subject: Regarding permission for arranging workshop on "Industrial Automation" for students.

Respected Sir,

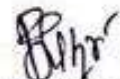
As Institute is signed MOU with The world of Automation Pune, as part of MOU activity , Department of Electronics & Telecommunication Engineering is going to organize one day online workshop on "Industrial Automation" in collaboration with World of Automation Pune on 16th February 2022 from 11:00AM to 02:00pm ,for third year & final year students of E&Tc . This workshop will be beneficial to students in order to make them aware about the latest technologies & opportunity in field of Automation.

So we would like to request you to give permission to conduct this workshop.

Thanking You,


Mr.R.R.Suryawanshi
III Coordinator

Permitted
10/2


Dr.K.R.Desai
HOD



ranjeet suryawanshi <rrs.bvcoek@gmail.com>

Details for workshop.

2 messages

The world of Automation <placement.theworldofautomation@gmail.com>

Wed, Feb 16, 2022 at 2:55 PM

To: rrs.bvcoek@gmail.com

Cc: placements <placements@theworldofautomation.com>

Dear Ranjeet Suryawanshi Sir,

I would like to inform you to confirm our workshop on Industrial Automation on 17th February 2022.

Please find attached details for our speakers & session link:

Speakers Details.

Name :- Mr. Vikas Gade

Designation :- Sr. Automation Project Engineer.

Experience :- 16 years

Company : The World Of Automation, Pune

Join Google meet

The World Of Automation

Thursday, 17 February · 11:00am – 2:00pm

Google Meet joining info

Video call link: <https://meet.google.com/rj-zdwh-zzx>**Thanks & Regards****Komal Bhavar****HR Executive & Business Developer****The World of Automation GSTIN : 27ADBPO8486G1Z4****Mobile: 8530094777****Manik Raj Park, 2nd Floor****Office no-4, Opp. Elpro city square Mall, PCMC Link Road, Chinchwad, Pune- 411033****Email: placement.theworldofautomation@gmail.com****Weblink: www.theworldofautomation.com**

ranjeet suryawanshi <rrs.bvcoek@gmail.com>

Wed, Feb 16, 2022 at 6:20 PM

To: The world of Automation <placement.theworldofautomation@gmail.com>

Hello madam,

we confirm the workshop on Industrial Automation on 17th February 2022 at 11:00 AM to 2:00PM

Thanks & Regards

[Quoted text hidden]

--

Mr. Ranjeet Suryawanshi

Assistant Professor

Bharati Vidyapeeth College of Engineering , Kolhapur

Mob-9960235165



BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING, KOLHAPUR

Department of Electronics & Telecommunication Engineering

Date:15/02/2022

NOTICE

All the Students of Third Year & Final Year are informed that Department has organized “ Online Workshop on Industrial Automation” in Collaboration with The World of Automation, Pune on 17th February 2022 at 11:00 AM onwards.

All the students are further informed to register for workshop using registration link and compulsory attend the workshop. E-certificate will be provided to students who attend the complete session of workshop.

Note: Registration link & Link for workshop will be shared on Whatsapp group.

Mr.R.R.Suryawanshi

III Coordinator

Dr.K.R.Desai

HOD



BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING, KOLHAPUR

Accredited by NAAC With 'A' Grade
Approved by AICTE, New Delhi & Affiliated to Shivaji University, Kolhapur
Near Chitranagari, Kolhapur - 416013 (MS)

FOUNDER CHANCELLOR
Dr. Patangrao Kadam
M.A., LL. B., Ph. D.

DTE INSTITUTE CODE : EN-6288

Tel.No.: (0231) 2638893, 2638894, Fax : 2636050

Web : <http://coekolhapur.bharatividyaapeeth.edu> E-mail : coekolhapur@bharatividyaapeeth.edu

PRINCIPAL
Dr. Vijay Ghorpade
M.E., Ph. D. (Computer)

Ref. No. BV/COEK / 383 / 2021 -2022

Date : 10/02/2022

To,

Mr.Dinesh Dhumal

The World of Automation , Pune.

Subject: Invitation as a Resource Person.

Respected Sir,

Department of Electronics & Telecommunication Engineering of Bharati Vidyapeeth's College of Engineering, Kolhapur has organized an "Online Workshop on Industrial Automation" on 17th February 2022 from 11:00 AM to 02:00 PM , for third year & final year students . It's our privilege to invite you as a Resource Person for this workshop. We also request you to deliver keynote on the topic Industrial Automation.

We hope that you will accept our invitation and cooperate.

Thanks & Regards.

Dr. V.R.Ghorpade

PRINCIPAL
BHARATI VIDYAPEETH'S
COLLEGE OF ENGINEERING
KOLHAPUR





BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING, KOLHAPUR

Accredited by NAAC With 'A' Grade

FOUNDER & CHANCELLOR

Dr. Patangrao Kadam

M.A., LL. B., Ph. D.

Approved by AICTE, New Delhi & Affiliated to Shivaji University, Kolhapur
Near Chitranagari, Kolhapur - 416013 (MS)

DTE INSTITUTE CODE : EN-6288

Tel.No.: (0231) 2638893, 2638894, Fax : 2636050

Web : <http://coekolhapur.bharatividyaapeeth.edu> E-mail : coekolhapur@bharatividyaapeeth.edu

PRINCIPAL

Dr. Vijay Ghorpade

M.E., Ph. D. (Computer)

Ref. No. BV/COEK / 419 / 2021-2022

Date : 03/03/2022

To,

Mr. Vikas Gade

Sr. Automation Project Engineer

The World of Automation, Pune

Subject: Thanking Letter.

Dear Sir,

We would like to extend our warm thanks to you for delivering a session on "Industrial Automation" for Third year & Final year E&Tc students of Bharati Vidyapeeth's College of Engineering, Kolhapur on 17th February 2022.

The information presented by you during session is beneficial for our students to make them aware about the latest technologies used in Industry and current advancement in this field.

We genuinely thank you once again for the support and time given by you and we hope that you would continue to extend your valuable support in our future initiatives as well.

Thanking You,

Dr. V.R. Ghorpade

PRINCIPAL
PRINCIPAL
BHARATI VIDYAPEETH'S
COLLEGE OF ENGINEERING
KOLHAPUR





सौ. शोभा महादेव लाड

- नगरसेविका : कागल नगरपरिषद, कागल
- सभापती : सार्वजनिक आरोग्य व वैद्यकिय सेवा समिती, का.न.प.
- मा. उपसभापती : महिला व बालकल्याण समिती, का.न.प.

४५०, बी वॉर्ड, माळी गल्ली, कागल, ता. कागल, जि. कोल्हापूर ४१६ २१६
फोन : कार्यालय : (०२३२५) २४४१२५, २४३५६९, मोबा. : ९८२२५३६१०७

जावक क्र. : ०७०५

दिनांक : २०-०१-२०२२

MEMORANDUM OF UNDERSTANDING

In order to declare their joint intention to cooperate in some or all the fields of academics and industrial endeavour for their mutual benefit.

Party 1: Nagar Sevak Kagal Nagarparishad, Kagal


Party 2: Department of Computer Science & Engineering, Bharati Vidyapeeth's College of Engineering, Kolhapur.


Agrees to explore opportunities for collaboration in the areas described here under:

1. Sponsorship of final year Project : **Municipal Complaint Management System**
2. Sharing the technology for academic purpose only.
3. Internship program for student as per requirements.
4. Any other academic activity with mutual consent.

Kagal Nagarparishad, Kagal and Department of Computer Science & Engineering Bharati Vidyapeeth's College of Engineering, Kolhapur agrees to share the information in strict confidence and will respect the intellectual property right of each other.


Prof. S.M. Mulla
HOD CSE Dept.


Dr. V.R. Ghorpade
Principal


Shobha M. Lad
Nagarsevika
Kagal
Nagarparishad, Kagal

कागल नगरपरिषद, कागल



सौ. शोभा महादेव लाड

- नगरसेविका : कागल नगरपरिषद, कागल
- सभापती : सार्वजनिक आरोग्य व वैद्यकीय सेवा समिती, का.न.प.
- मा. उपसभापती : महिला व बालकल्याण समिती, का.न.प.

४५०, बी वॉर्ड, माळी गल्ली, कागल, ता. कागल, जि. कोल्हापूर ४१६ २१६
फोन : कार्यालय : (०२३२५) २४४१२५, २४३५६९, मोबा. : ९८२२५३६१०७

संस्क. क्र. : ०७०४

दिनांक : २०-०१-२०२२

Principal,

Bharati Vidyapeeth's College of Engineering, Kolhapur.

Subject:- Sponsorship and Internship for final year project of engineering.

Respected Sir,

We are pleased to inform you that our organization "Kagal Nagarparishad, Kagal" has chosen following students for being sponsored and given Internship under our Student Development and Encouragement Program for completing their final year project.

1. Miss. Dnyaneshwari Mahesh Desai (26)
2. Miss. Pranali Namadev Khavare (27)
3. Miss. Sumaiyya Mehaboob Jamadar (28)
4. Miss. Pratiksha Maruti Punekar (29)
5. Miss. Priyanka Nivrutti Sawant (30)

Online Complaint Management System provides an online way of solving the problems faced by the public by saving time and eradicate corruption. The objective of the complaints management system is to make complaints easier to coordinate, monitor, track and resolve, and to provide company with an effective tool to identify and target problem areas, monitor complaints handling performance and make business improvements. Online Complaint Management is a management technique for assessing, analyzing and responding to customer complaints. Complaints management software is used to record resolve and respond to customer complaints, requests as well as facilitate any other feedback.

After completing the project we shall consider a demonstration of the project and if it fits to our organization's requirements we shall buy this project from students in the future. The expenses provided by us should be spent on the study materials, stationary and instruments required for establishing setup of the project.

Thanking You.

Regards,

Shad
सौ. शोभा महादेव लाड
सभापती
सार्वजनिक आरोग्य व वैद्यकीय सेवा समिती
Kagal Nagar Parishad, Kagal
Kagal
Nagar Parishad, Kagal

REF:2022/12

DATE:03/01/2022

MEMORANDUM OF UNDERSTANDING

In order to declare their joint intention to cooperate in some or all the fields of academics and industrial endeavor for their mutual benefit.


Part 1: Orient Networks


Part 2: Department of Computer Science Engineering & Technology, Bharati Vidyapeeth's College of Engineering, Kolhapur.

Agrees to explore opportunities for collaboration in the areas described here under:

1. Sponsorship of final year project: **Brain tumor detection and classification on MRI images using machine learning.**
2. Sharing the technology for academic purpose only.
3. Internship program for students as per requirements.
4. Any other academic activity with mutual consent.

Orient Networks and Department of Computer Science Engineering & Technology, Bharati Vidyapeeth's College of Engineering, Kolhapur agrees to share the information in strict confidence and will respect the intellectual property right of each other.


Prof. S. M. Mulla
HOD- CSE Dept


Dr V. R. Ghorpade
Principal

M/s.Orient Networks

Proprietor
Omkar Potdar
Proprietor

REF: 2022/11

Date: 03/01/2022

To

Principal,

Bharati Vidyapeeth's College of Engineering, Kolhapur.

Subject: - Sponsorship and Internship for final year project of engineering.

Respected Sir,

We are pleased to inform you that our organization ORIENT NETWORKS, Mandlik Lane, Mangalwar Peth, Kolhapur has chosen following students for being sponsored and given Internship under our Student Development and Encouragement Program for completing their final year project.

1. Mr. Prasad Mansing Patil (47)
2. Mr. Shivraj Dinkar Pisal (48)
3. Mr. Raturaj Suresh Sawant (49)
4. Mr. Shubham Sanjay Shinde (50)
5. Mr. Aniket Suryakant Ugare (51)

For the Project of BRAIN TUMOR DETECTION AND CLASSIFICATION ON MRI IMAGES USING MACHINE LEARNING TECHNIQUES. We know that Brain tumor is one of the most rigorous diseases in the medical science. Determining the right type of brain lesion manually requires an expert who has a good knowledge in brain diseases? Instead of going to doctor in physical mode we can go through online mode and save us time.

After completing the project we shall consider a demonstration of the project and if it fits to our organization's requirements we shall buy this project from students in the future. The expenses provided by us should be spent on the study materials, stationary and instruments required for establishing setup of the project.

Thanking You,
Regards,

M/s.Orient Networks

Proprietor

Outward number: - 2022\183

Date: - 05-07-2022

To,

Principal,

Bharati Vidyapeeth's College of Engineering, Kolhapur.

Subject: - Completion of final year project in engineering.


Respected Sir,

This is to certify that below project group members has successfully completed an academic project entitled **"BRAIN TUMOR DETECTION AND CLASSIFICATION ON MRI IMAGES USING MACHINE LEARNING TECHNIQUE"** with our organization. The project work which is completed is genuine and legitimate.

1. Mr. Prasad Mansing Patil
2. Mr. Shivraj Dinkar Pisal
3. Mr. Ruturaj Suresh Sawant
4. Mr. Shubham Sanjay Shinde
5. Mr. Aniket Suryakant ugare

During the tenure of their project with our company, they have shown the great passion and understanding towards their work. The project team has demonstrated high academic understanding and creative skills while carrying out the assigned project.

Thanking You.

M/s.Orient Networks
Proprietor
Yours faithfully,
Mr. Omkar Potdar



Techway Software Solution, Office no.207, 2nd floor, Mayur trade center, phase-2 chinchwad
Mob: 9246460814 | Mail: tech.way@yahoo.com
REF: 2010/23709H

date:20/12/2021

MEMORANDUM OF UNDERSTANDING

In order to declare their joint intention to cooperate in some or all the fields of academics and industrial endeavor for their mutual benefit.


Party 1: Techway Software Solution

Party 2: Department of Computer Science & Engineering, Bharati vidyapeeth's college of Engineering, Kolhapur.

Agrees to explore opportunities for collaboration in the areas described here under :

1. Sponsorship of final year project: *Stock Market Visualising and forecasting stock index using analytical tools.*
2. Sharing the technology for academic purpose only.
3. Internship program for students as per requirements.
4. Any other academic activity with mutual consent

Techway Software Solution and Department of Computer Science & Engineering Bharati Vidyapeeth's College of Engineering, Kolhapur agree to share the information in strict confidence and will respect the intellectual property right of each other.


Head,
Dept. of Computer Science & Engineering
Bharati Vidyapeeth's
College of Engineering Kolhapur


Dr V R Ghorapade
Principal



Mr Abhishek Mulik
Project Manager TSS



Techway Software Solution, Office no.207, 2nd floor, Mayur trade center, phase-2 chinchwad
Mob: 9146460814 | Mail: techway@yahoo.com
REF: 2010/23709H

date:20/12/2021

To

The Principal,

Bharati Vidyapeeth's College of Engineering, Kolhapur.

Subject : Sponsorship for final year project of engineering

Sir,

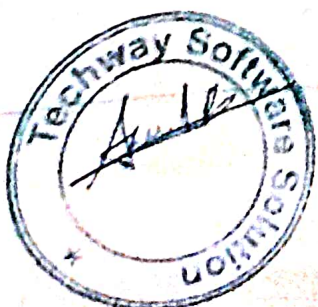
We are pleased to inform you that our organization TECHWAY SOFTWARE SOLUTION has chosen following students for being sponsored under our Student Development and Encouragement Program for completing their final year project

1. Mr Rushikesh Vijay Chavan
2. Mr Vaibhav Vijay Gavakar
3. Mr Saurabh Annaso Gonugade
4. Mr Anil Ekanath Gurav
5. Mr Amol Madhukar Koli

Project named *Stock Market Visualising and forecasting stock index using analytical tools*. As We Know The stock market can be viewed as a platform where almost all major economic transactions in the world occur at a dynamic rate called the stock value which is based on the market equilibrium. A correct prediction of this stock trend beforehand can earn huge profits. Stock Market Data Analysis is intended exclusively for analyzing the data of stock market for various organization. Using this type of data analysis any organization can get the stock related information in an easy way, one can visualize share prices and other statistical factors which helps the keen investors carefully decide on which company they want to spend their earnings.

After completing the project we shall consider a demonstration of the project and if it fits to our organization's requirements we shall buy this project from students in the future. The expenses provided by us should be spent on the study materials, stationary and instruments required for establishing setup of the project.

Thanking You
Regards,
Techway Software Solution





Techway Software Solution, Office no.207, 2nd floor, Mayur trade center, phase-2 chinchwad
Mob: 9146460814 | Mail: tech.way@yahoo.com

REF: 2010/23709H

Date : 01-07-2022

To,
Principal,
Bharati Vidyapeeth's College of Engineering, Kolhapur.
Subject:- Completion of final year project in engineering.
Respected Sir,

This is to certify that below project group members has successfully completed an academic project entitled "VISUALISING AND FORECASTING STOCK INDEX USING ANALYTICAL TOOLS" with our organization. The project work which is completed is genuine and legitimate.

- Mr. Rushikesh Vijay Chavan (68)
- Mr. Vaibhav Vijay Gavakar (69)
- Mr. Saurabh Annaso Gonugade (70)
- Mr. Anil Eknath Gurav (71)
- Mr. Amol Madhukar Koli (72)

During the tenure of their project with our company, they have shown the great passion and understanding towards their work. The project team has demonstrated high academic understanding and creative skills while carrying out the assigned project.

Thanking You.
Regards
Techway Software Solution





BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING, KOLHAPUR

FOUNDER CHANCELLOR

Dr. Patangrao Kadam

M.A., LL. B., Ph. D.

Accredited by NAAC With 'A' Grade
Approved by AICTE, New Delhi & Affiliated to Shivaji University, Kolhapur
Near Chitranagari, Kolhapur - 416013 (MS)

DTE INSTITUTE CODE : EN-6288

Tel.No.: (0231) 2638893, 2638894, Fax : 2636050

Web : <http://coekolhapur.bharatividyaapeeth.edu> E-mail : coekolhapur@bharatividyaapeeth.edu

PRINCIPAL

Dr. Vijay Ghorpade

M.E., Ph. D. (Computer)

Ref. No. BV/COEK / 2007/2021 -20 22

Date : 1-10-21

MEMORANDUM OF UNDERSTANDING

Bharati Vidyapeeth's
College of Engineering, Kolhapur.

And

Dr. J. J. Magdum College of Engineering, Jaysingpur.



This MEMORANDUM OF UNDERSTANDING is entered into on 04th Oct 2021 between Dr. J. J. Magdum College of Engineering, Jaysingpur District Kolhapur and Bharati Vidyapeeth's College of Engineering Kolhapur.

Preamble

A collaborative effort in Engineering Education has become the key to success. Academic MoU encourages institutions to share expertise and infrastructure in various aspects with neighboring institutions and industries on viable collaborative/consultancy projects with specific time-frames and well-defined outputs. The collaboration could be in the areas of Joint projects of students, faculty and joint publications etc.

1. Purpose

The aim of this MoU is primarily to establish a written document under which both the technological institutes may enter into a written agreement to perform collaborative programs in the areas of mutual interest.

2. Areas of Collaboration

- I. To work jointly on research publications, consultancy assignments, and faculty and staff development programs.
- II. To make collaborative efforts to organize Joint Conference/ Seminars/ Workshops at the Institute/departmental levels.

- III. To attend activities organized by both the institutes.
- IV. To organize supporting staff training programme.
- V. Any other activity not covered by this MoU with the prior agreement of both the institutes.

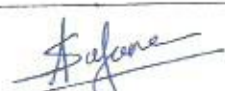

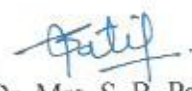




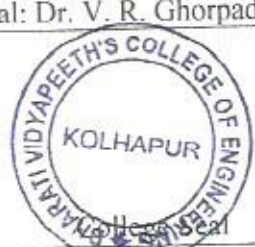
3. Agreement of Collaborative Program

- I. Each such collaboration undertaken by the institute shall describe in details the Following:
 - a. The nature, scope and the time of collaborative schedule.
 - b. Any other provision as deemed to be necessary and mutually agreed upon.
- II. To prepare and finalize a concrete action plan and schedule for collaboration on priority areas as agreed upon.

4. Implementation and Action Plan

Dr. J. J. Magdum College of Engineering Jaysingpur and Bharati Vidyapeeth's College of Engineering Kolhapur shall endeavor to finalize the details of implementation and action plan of collaborative efforts to execute the parts of this MoU in the academic year 2021-22.

This MoU shall be effective from the date of signing the same and shall remain in effect for the mentioned year and may be renewed thereafter by mutual consent.

Dr. J. J. Magdum College of Engineering Jaysingpur	Bharati Vidyapeeth's College of Engineering Kolhapur
 1. Dean Academics: Mr. A. S. Sajane	 1. HOD ETC: Dr. K. R. Desai
 2. Principal: Dr. Mrs. S. B. Patil	 2. IQAC Coordinator: Dr. J. K. Patil
 3. Campus Director: Dr. S. S. Admuthe	 3. Principal: Dr. V. R. Ghorpade
	



BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING, KOLHAPUR

FOUNDER CHANCELLOR
Dr. Patangrao Kadam
M.A., LL. B., Ph. D.

Accredited by NAAC With 'A' Grade
Approved by AICTE, New Delhi & Affiliated to Shivaji University, Kolhapur
Near Chitranagari, Kolhapur - 416013 (MS)

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Tel.No.: (0231) 2638893, 2638894, Fax : 2636050

Web : <http://coekolhapur.bharatividyaapeeth.edu> E-mail : coekolhapur@bharatividyaapeeth.edu

PRINCIPAL
Dr. Vijay Ghorpade
M.E., Ph. D. (Computer)

Ref. No. BV/COEK / 347 / 2022 -2023

Date : 7-10-22

MEMORANDUM OF UNDERSTANDING

Bharati Vidyapeeth's
College of Engineering, Kolhapur.

And

Dr. J. J. Magdum College of Engineering, Jaysingpur.



This MEMORANDUM OF UNDERSTANDING is entered into on 10th Oct 2022 between Dr. J. J. Magdum College of Engineering, Jaysingpur District Kolhapur and Bharati Vidyapeeth's College of Engineering Kolhapur.

Preamble

A collaborative effort in Engineering Education has become the key to success. Academic MoU encourages institutions to share expertise and infrastructure in various aspects with neighboring institutions and industries on viable collaborative/consultancy projects with specific time-frames and well-defined outputs. The collaboration could be in the areas of Joint projects of students, faculty and joint publications etc.

1. Purpose

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2. Areas of Collaboration

- I. To work jointly on research publications, consultancy assignments, faculty and staff development programs.
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- III. To attend activities organized by both the institutes.
- IV. To organize supporting staff training programme.
- V. Any other activity not covered by this MoU with the prior agreement of both the institutes.

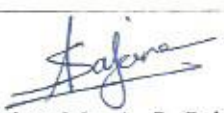

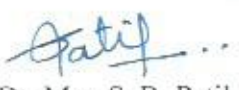
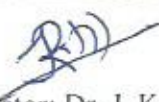
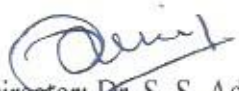
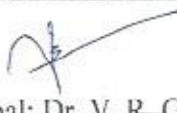


3. Agreement of Collaborative Program

- I. Each such collaboration undertaken by the institute shall describe in details the following:
 - a. The nature, scope and the time of collaborative schedule.
 - b. Any other provision as deemed to be necessary and mutually agreed upon.
- II. To prepare and finalize a concrete action plan and schedule for collaboration on priority areas as agreed upon.

4. Implementation and Action Plan

Dr. J. J. Magdum College of Engineering Jaysingpur and Bharati Vidyapeeth's College of Engineering Kolhapur shall endeavor to finalize the details of implementation and action plan of collaborative efforts to execute the parts of this MoU in the academic year 2022-23.

This MoU shall be effective from the date of signing the same and shall remain in effect for the mentioned year and may be renewed thereafter by mutual consent.

Dr. J. J. Magdum College of Engineering Jaysingpur	Bharati Vidyapeeth's College of Engineering Kolhapur
 1. Dean Academics: Mr. A. S. Sajane	 1. HOD ETC: Dr. K. R. Desai
 2. Principal: Dr. Mrs. S. B. Patil	 2. IQAC Coordinator: Dr. J. K. Patil
 3. Campus Director: Dr. S. S. Admuthe	 3. Principal: Dr. V. R. Ghorpade
	



MAHARASHTRA

2022

13AA 088064

- 9 FEB 2023

दिनांक वि. क्र. 6634 मुद्रांक शुल्क रकम - 900
दस्त नोंद करणार आहे का-होय / नाही, नोंदणी होणारे दु. नि. कार्या. ---
दस्तावा प्रकार / अनुच्छेद क्रमांक / कारण ---
मुद्रांक विकत घेणाऱ्याचे नांव व पत्ता ---
दुसऱ्या पक्षकाराचे नांव व पत्ता ---
हस्ता नांव व पत्ता ---
भोवदला रकम -
मुद्रांक विक्रेत्याची सही -
परवाना तसेच मुद्रांक विक्रीचे ठिकाण नांव व पत्ता - श्री. कांठननाथ सांगव कुमठेकर
(संयोजक) ला. नं. ८६/२०००-२००९
कोड नं. २६०९०३९ महाराष्ट्र वेंवर्त, शॉप नं. डी-३२, बोल्हातूर.
मुद्रांक विकत घेणाऱ्याची सही/-



- 2 FEB 2023

STAMP HEAD CLERK
T. & S. OFFICE
KOLHAPUR (M.S.)

MEMORANDUM OF UNDERSTANDING

Bharati Vidyapeeth's
College of Engineering, Kolhapur.
And

Dr. J. J. Magdum College of Engineering, Jaysingpur.



This MEMORANDUM OF UNDERSTANDING is entered into on 14th February 2023 between Dr. J. J. Magdum College of Engineering, Jaysingpur District Kolhapur and Bharati Vidyapeeth's College of Engineering Kolhapur.

Preamble

A collaborative effort in Engineering Education has become the key to success. Academic MoU encourages institutions to share expertise and infrastructure in various aspects with neighboring institutions and industries on viable collaborative/consultancy projects with specific time-frames and well-defined outputs. The collaboration could be in the areas of Joint projects of students, faculty and joint publications etc.

1. Purpose

The aim of this MoU is primarily to establish a written document under which both the technological institutes may enter into a written agreement to perform collaborative programs in the areas of mutual interest.

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- III. To attend activities organized by both the institutes.
- IV. To organize supporting staff training programme.
- V. Any other activity not covered by this MoU with the prior agreement of both the institutes.

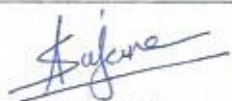


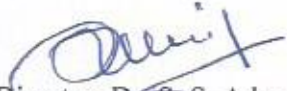

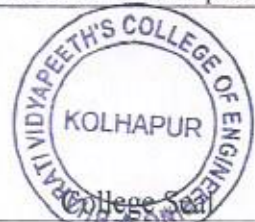
3. Agreement of Collaborative Program

- I. Each such collaboration undertaken by the institute shall describe in details the following:
 - a. The nature, scope and the time of collaborative schedule.
 - b. Any other provision as deemed to be necessary and mutually agreed upon.
- II. To prepare and finalize a concrete action plan and schedule for collaboration on priority areas as agreed upon.

4. Implementation and Action Plan

Dr. J. J. Magdum College of Engineering Jaysingpur and Bharati Vidyapeeth's College of Engineering Kolhapur shall endeavor to finalize the details of implementation and action plan of collaborative efforts to execute the parts of this MoU in the academic year 2022-23.

This MoU shall be effective from the date of signing the same and shall remain in effect for the mentioned year and may be renewed thereafter by mutual consent.

Dr. J. J. Magdum College of Engineering Jaysingpur	Bharati Vidyapeeth's College of Engineering Kolhapur
 1. Dean Academics: Mr. A. S. Sajane	 1. HOD ETC: Dr. K. R. Desai
 2. Principal: Dr. Mrs. S. B. Patil	 2. Vice Principal : Dr. J. K. Patil
 3. Campus Director: Dr. S. S. Admuthe	 3. Principal: Dr. V. R. Ghorpade
	



BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING, KOLHAPUR

- **Name of Organizing College:** Dr. J.J.Magdum College of Engineering, Jaysingpur
- **Organizing Department :** Electronics & Telecommunication Engineering
- **Name of Activity** : AICTE sponsored One week Short Term Training Program (STTP) on “**Machine Learning**”
- **Date of Activity** : 24th January to 29th January 2022
- **No. of Faculty Participants** : 05
- **Details of Activity** : Department of Electronics & Telecommunication of Dr. J.J.Magdum College of Engineering, Jaysingpur has organized AICTE sponsored one week Short Term Training Program (STTP) on “Machine Learning from 24th January to 29th January 2022 for Faculties. The workshop was free of cost under Memorandum of Understanding between Bharati Vidyapeeth's College of Engineering, Kolhapur and Dr. J.J.Magdum College of Engineering, Jaysingpur. Five faculties for Bharati Vidyapeeth's College of Engineering, Kolhapur has successfully completed the STTP successful. The workshop covers concepts of Machine learning, examples of machine learning and various application of machine learning.
- **Outcome of Activity** : Faculties gain knowledge regarding machine learning, application of machine learning and algorithms used in machine learning.
- **How it Bridges gap between Industry and Academia:** Organizing such workshop can be beneficial to faculties in order to aware about the latest technologies used in Industry and current trends in market.

A blue ink signature of Mrs. A.H. Tirmare.

Co-Ordinator
(Mrs.A.H.Tirmare)

A blue ink signature of Dr. K.R. Desai.

HOD
(Dr.K.R.Desai)

A blue ink signature of Dr. V.R. Ghorpade.

Principal
(Dr.V.R.Ghorpade)

**AICTE sponsored one week Short Term Training Program
(STTP)**

On

“Machine Learning”

- **Name of Organizing College** : Dr. J.J.Magdum College of Engineering, Jaysingpur
- **Organizing Department** : Electronics & Telecommunication Engineering
- **Date of Activity** : 24th January to 29th January 2022

List of Faculty Completed the Short Term Training Program (STTP)

Sr. No.	Name of Faculty	College and Department
1.	Dr Kamalakar Ravindra Desai	Bharati Vidyapeeth's College of Engineering, Kolhapur Electronics & Telecommunication Engineering
2.	Mrs. Aarti Hemant Tirmare	
3.	Mr. Sanjay Shamrao Pawar	
4.	Mrs. Priyadarshini Shivkumar Mali	
5.	Mr. Asit Rajakathar Kittur	



Co-Ordinator
(Mrs.A.H.Tirmare)



HOD
(Dr.K.R.Desai)



Principal
(Dr.V.R.Ghorpade)

Dr. J. J. Magdum Trust's
Dr. J. J. Magdum College of Engineering, Jaysingpur
Approved by AICTE, New Delhi, Recognised by Govt. of Maharashtra (D.T.E.) &
Affiliated to Shivaji University, Kolhapur



CERTIFICATE

OF PARTICIPATION

This is to certify that

DR KAMALAKAR RAVINDRA DESAI

Has participated in



KOLHAPUR-SANGLI SUB CHAPTER

AICTE sponsored One Week Online Short Term Training Program (STTP)

On

"MACHINE LEARNING"

Under AICTE Quality Improvement Scheme (AQIS)

Organized by

Department of Electronics and Telecommunication Engineering

Dr. J. J. Magdum College of Engineering, Jaysingpur, Maharashtra

from 24th to 29th January, 2022

Mr. M. M. Kolap
STTP
COORDINATOR

Mr. S. T. Jadhav
H.O.D.
E&TC

Dr. Mrs. S. B. Patil
I/C PRINCIPAL &
STTP COORDINATOR

Dr. S. S. Admuthe
CAMPUS
DIRECTOR

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AARTI HEMANT TIRMARE

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This is to certify that
SANJAY SHAMRAO PAWAR
Has participated in



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CERTIFICATE

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This is to certify that
PRIYADARSHANI SHIVKUMAR MALI
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Affiliated to Shivaji University, Kolhapur



CERTIFICATE

OF PARTICIPATION

This is to certify that
KITTUR ASIT RAJAKATHAR
Has participated in



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COORDINATOR

Mr. S. T. Jadhav
H.O.D.
E&TC

Dr. Mrs. S. B. Patil
I/C PRINCIPAL &
STTP COORDINATOR

Dr. S. S. Admuthe
CAMPUS
DIRECTOR

Outward number:- 20.1.2022 [183]

Date :- 20/9/2021

MEMORANDUM OF UNDERSTANDING

In order to declare their joint intention to cooperate in some or all the fields of academics and industrial endeavor for their mutual benefit.

Party 1: Chetana Apangmati Vikas Sanstha, Kolhapur.

Party 2: Department of Computer Science & Engineering, Bharati vidyapeeth's college of Engineering, Kolhapur.

Agrees to explore opportunities for collaboration in the areas described here under:

1. Sponsorship of final year project : "Chetana-An AI Based Application for Children With Developmental Disabilities."
2. Sharing the technology for academic purpose only.
3. Technical assistance for students as per requirements.
4. Any other academic activity with mutual consent.

"Chetana Apangmati Vikas Sanstha, and Department of Computer Science & Engineering Bharati Vidyapeeth's College of Engineering, Kolhapur agrees to share the information in strict confidence and will respect the intellectual property right of each other.

Head,

Dept. of Computer Sc. & Engineering
Stamp and Sign
Bharati Vidyapeeth's
College of Engineering Kolhapur

Prof. S. M. Mulla
HOD- CSE Dept

Stamp and Sign

Dr. V. R. Chorapade
Principal

Head Mistress

Chetana Vikas Mandir
(Mentally Handicapped School)
Shenda Park, Kolhapur.
Stamp and Sign

[Signature]

Name of Director
Managing Director

(A. P. H. I.)

Outward number:- 20/1/2022 [183]

Date:- 20/9/2021

To,

Principal,

Bharati Vidyapeeth's College of Engineering, Kolhapur.

Subject:- Sponsorship for final year project of engineering.

Respected Sir,

We are pleased to inform you that our organization "**Chetana Apangmati Vikas Sanstha**, M6CP+JHC, Shenda Park, Kolhapur, Maharashtra 416013" has chosen following students for being sponsored under our Student development and Encouragement Program for completing their final year project.

1. Manali Mukund Joshi.
2. Anushka Shrikrishna Kamat.
3. Shital Ashok Mote.
4. Ujvala Prakash Niroli
5. Sharayu Shankar Patil.

"Chetana-An AI Based Application for Children With Developmental Disabilities."

The project is an effort towards studying the challenges in **intellectual disabled people**. The **intellectual disabled people** mean the people having **low IQ level**. There are many school and organization which are taking activities to improve their IQ level so they do their daily activities by their own.

Main goal of project is to overcome with education problems for these students. Help to do daily activities and learn new things and also help faculty in their work.

After completing the project we shall consider a demonstration of the project and if it fits to our organization's requirements we shall buy this project from students in the future. The expenses provided by us should be spent on the study materials, stationary and instruments required for establishing setup of the project.

Thanking You.

Regards,

Sign and stamp of Director
(Managing Director)

Head Mistress

Chetana Vikas Mandir
(Mentally Handicapped School)
Shenda Park, Kolhapur.



PCUBE
TECHNOLOGIES

Outward number:- 06/21-22

Date:- 12/07/2021

MEMORANDUM OF UNDERSTANDING

In order to declare their joint intention to cooperate in some or all the fields of academics and industrial endeavor for their mutual benefit.

Party 1: Pcube Technologies Kolhapur

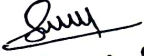
Party 2: Department of Computer Science & Engineering, Bharati vidyapeeth's college of Engineering, Kolhapur.

Agrees to explore opportunities for collaboration in the areas described here under:

1. Sponsorship of final year project : Musical Instrumentation Simulation using Artificial Intelligence.
2. Sharing the technology for academic purpose only.
3. Internship program for students as per requirements.
4. Any other academic activity with mutual consent.


Pcube Technologies and Department of Computer Science & Engineering Bharati Vidyapeeth's College of Engineering, Kolhapur agrees to share the information in strict confidence and will respect the intellectual property right of each other.

Stamp and Sign


Prof. S. M. Mulla
HOD- CSE Dept
Head,

Dept. of Computer Sc. & Engineering
Bharati Vidyapeeth's
College of Engineering Kolhapur

Stamp and Sign


Dr. V. R. Ghorpade
Principal
PRINCIPAL
BHARATI VIDYAPEETH'S
COLLEGE OF ENGINEERING
KOLHAPUR

Stamp and Sign


Managing Director


C S NO 250 B/2 Near Panchratna Apartment, Nagala Park Kolhapur – 416003.

+91- 7507510444 || pcubetechmedia@gmail.com

www.pcubetechmedia.com



PCUBE
TECHNOLOGIES

Outward number:- 05/21-22

Date:- 12/07/2021

To,
Principal,

Bharati Vidyapeeth's College of Engineering, Kolhapur.

Subject :- Sponsorship and Internship for final year project of engineering.

Respected Sir,

We are pleased to inform you that our organization "**Pcube Technologies, Kolhapur**" has chosen following students for being sponsored and given Internship under our Student Development and Encouragement Program for completing their final year project.

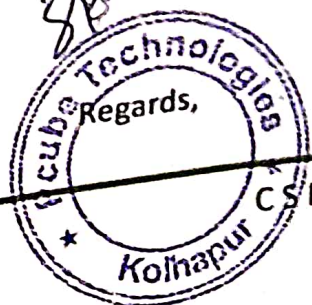
1. Miss. Priyanka Ramesh Ingavale (11)
2. Mr. Yash Ananda Shirke (12)
3. Mr. Aniket Prakash Kamble (13)
4. Miss. Pradnya Avinash Hirave (14)
5. Miss. Kiran Dinanath Sutar (15)

Musical Instrumentation Simulation using Artificial Intelligence.

A new approach to sound design & modeling of musical multiple instruments is presented. An intelligent audio is presented. An intelligent audio system based on logic technique, javascript technique, is used to analyst acoustic recording, extract multiple sound feature & to process them to generate parameters for sound synthesis, mimicking human audio experts. Multiple musical instruments piano, guitar & drum. Main goal of our project is to investigate and develop artificial intelligence base techniques to capture and exploit audio expertise in the design & high quality sound, our principle aim is to automate as for as possible, the complex and time-consuming task & sound design for multiple musical instruments, try exploiting the experience and knowledge of professional such as multiple musical instruments manufactures, audio engineers and musicians.

After completing the project we shall consider a demonstration of the project and if it fits to our organization's requirements we shall buy this project from students in the future. The expenses provided by us should be spent on the study materials, stationary and instruments required for establishing setup of the project.

Thanking You.



CS NO 250 B/2 Near Panchratna Apartment, Nagala Park Kolhapur – 416003.
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