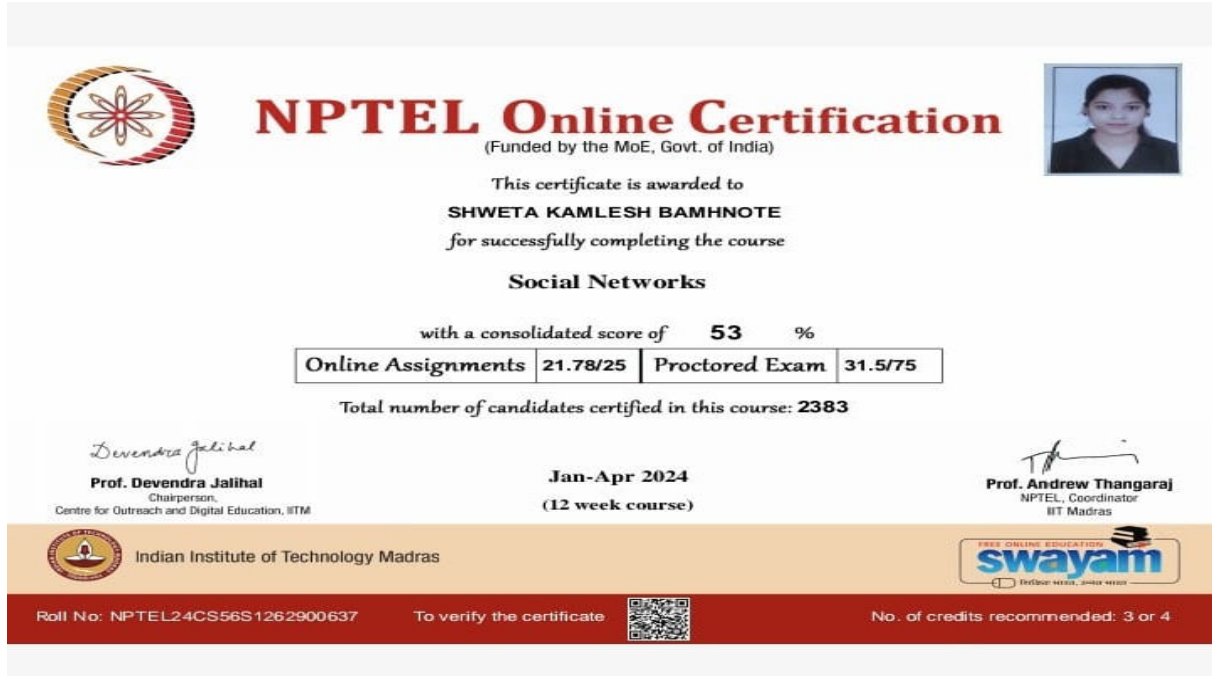




PROOFS OF ACTION TAKEN



NPTEL Online Certification
 (Funded by the MoE, Govt. of India)

This certificate is awarded to
SHWETA KAMLESH BAMHNOTE
 for successfully completing the course
Social Networks

with a consolidated score of **53** %

Online Assignments	21.78/25	Proctored Exam	31.5/75
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Total number of candidates certified in this course: **2383**

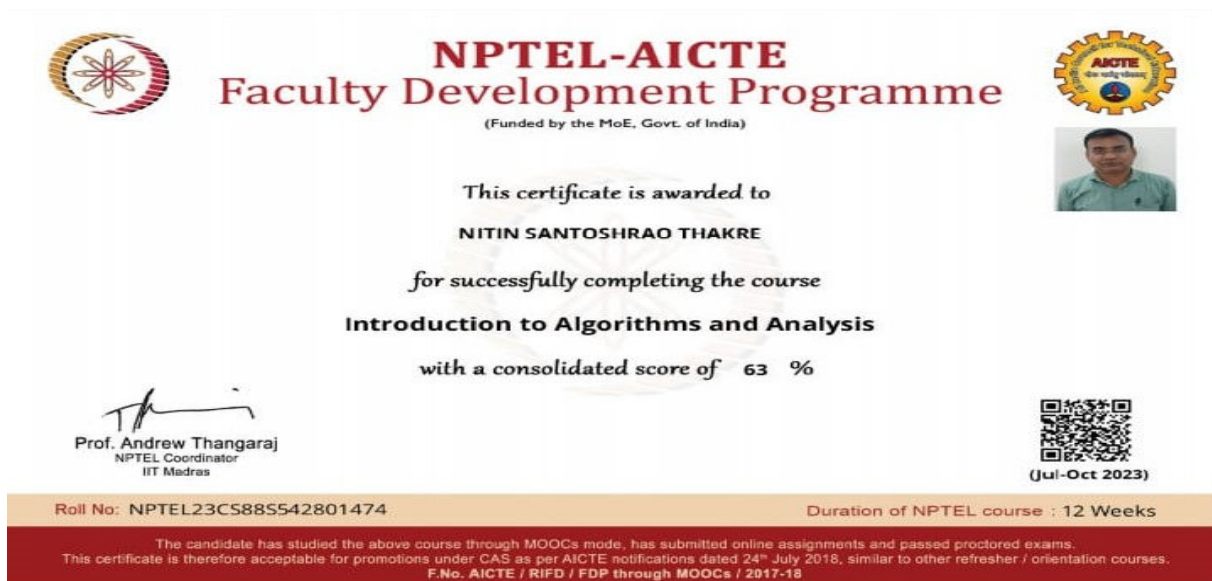
Jan-Apr 2024
 (12 week course)

Prof. Devendra Jalihal
 Chairperson,
 Centre for Outreach and Digital Education, IITM

Prof. Andrew Thangaraj
 NPTEL, Coordinator
 IIT Madras

Indian Institute of Technology Madras

Roll No: NPTEL24CS56S1262900637 To verify the certificate  No. of credits recommended: 3 or 4



NPTEL-AICTE
Faculty Development Programme
 (Funded by the MoE, Govt. of India)

This certificate is awarded to
NITIN SANTOSHRAO THAKRE
 for successfully completing the course
Introduction to Algorithms and Analysis

with a consolidated score of **63** %

Prof. Andrew Thangaraj
 NPTEL Coordinator
 IIT Madras

(Jul-Oct 2023)

Roll No: NPTEL23CS88S542801474 Duration of NPTEL course : 12 Weeks

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams. This certificate is therefore acceptable for promotions under GAS as per AICTE notifications dated 24th July 2018, similar to other refresher / orientation courses.
 F.No. AICTE / RIFD / FDP through MOOCs / 2017-18



NPTEL-AICTE Faculty Development Programme

(Funded by the MoE, Govt. of India)



This certificate is awarded to

VIVEKANAND PANDURANG THAKARE

for successfully completing the course

Patent Drafting for Beginners

with a consolidated score of **64 %**

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



(Jan-Feb 2023)

Roll No: NPTEL23HS43S35240723

Duration of NPTEL course : 4 Weeks

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams.
This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 24th July 2018, similar to other refresher / orientation courses.
F.No. AICTE / RIFD / FDP through MOOCs / 2017-18



Date:06/10/2023

Report Industrial Visit To "KP Solution INDIA PVT. LTD"

Department of Computer Science & Engineering recently organized one day industrial visit to "KP Solution INDIA PVT. LTD." a prominent software-based company, was organized to provide participants with a comprehensive understanding of the software development industry and its operational processes. The visit took place on 04/03/2024 (Monday) for 2nd Year & 3rd Year Students.

K.P. Solutions India Pvt. Ltd. is a leading software company specializing in software development. Established in 2000, the company has grown to become a key player in the software industry, providing innovative solutions to clients worldwide. It Specialize mainly in the field of Java Technologies, Angular, Machine Learning Developer in Java, Salesforce Development, Digital Marketing, Full Stack MEAN & MERN Developer, Android / OTT platform Developer, Data Analyst / Data Scientist. The company work on projects based on security, Medic- Shop etc, Eshop etc. The primary aim of the industrial visit is to expose students to a practical working environment. It offers students a valuable opportunity to gain comprehensive awareness of industrial practices and stay informed about new technologies.

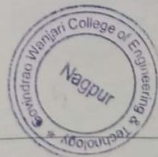
Objectives of the Visit

The primary objectives of the visit were to:

- Gain insights into the software development lifecycle.
- Understand the various departments and their roles within a software company.
- Learn about the latest technologies and tools used in the industry.
- Explore career opportunities in the software sector.

The 75 CSE students were present during the visit along with Prof. Manoj. K. Vairalkar, Prof. Aditi Sawarkar, Prof. Tejaswini Mankar. The industrial visit was conducted under the guidance of our management Adv. Abhijeet Wanjari, Secretary, Amar Sewa Mandal and Dr. Salim A. Chavan, Principal GW CET.

Photographs:





GPS Map Camera

Nagpur, Maharashtra, India
24HM+6P3, Maharashtra 441204, India
Lat 21.029738°
Long 79.133156°
04/03/24 01:34 PM GMT +05:30

Google



GPS Map Camera

Nagpur, Maharashtra, India
24HM+6P3, Maharashtra 441204, India
Lat 21.029738°
Long 79.133156°
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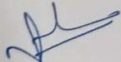
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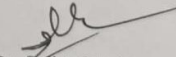
GPS Map Camera

Nagpur, Maharashtra, India
24HM+6P3, Maharashtra 441204, India
Lat 21.029738°
Long 79.133156°
04/03/24 02:22 PM GMT +05:30

Google


Prof. V.P. Thakare
HOD, CSE
H.O.D.
Computer Science & Engg. Dept.
G.W.C.E.T, Nagpur.




Dr. Salim Chavan
Principal, GWCET

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of Engineering & Technology
Salai Godhani, Hudkeshwar Road
Nagpur-441204



Amar Sewa Mandal's

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Email – gwcet@rediffmail.com Website: www.gwcet.ac.in

President Dr. (Smt) Suhasini Wanjari **Secretary** Adv. Abhijit G. Wanjari **Treasurer** Dr. Smeeta Wanjari **Principal** Dr Salim Chavan

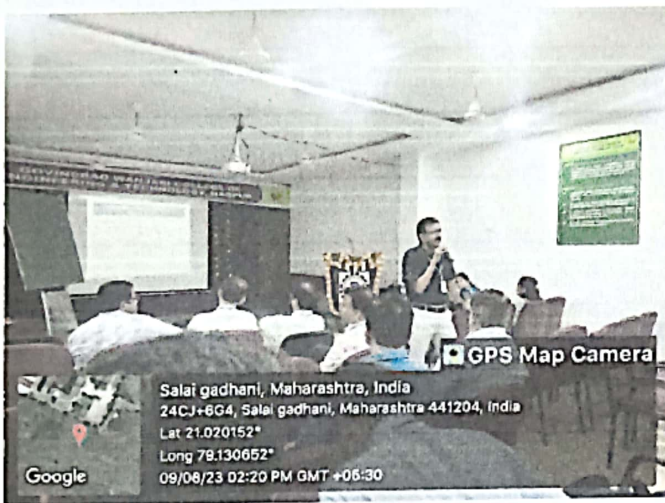
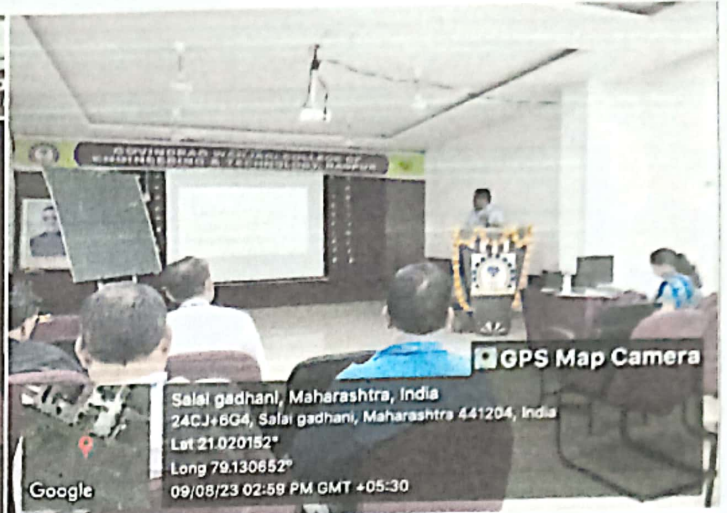
Date: -12/08/2023

Value Added Course on “Entrepreneurship Awareness Program”

Name of Activity Organized	Value Added course
Title Of activity	Entrepreneurship Awareness Program
Organized By	CSE Department in Association With IQAC
Activity Incharge	Prof. A. S. Sawarkar
Date of Commencement	07-08-2023
Date of Completion	12-08-2023
Place of activity	Seminar Hall (2 nd Floor)
Participated By	4 th Year Students of CSE Department.
No. Of Participants involved	57
Expert	<ol style="list-style-type: none"> 1) Dr. Salim A. Chavan, Principal, GWCEET, Nagpur 2) Dr. Hemant Bhagat Patil, IIC Incharge & Associate Professor in Mechanical Department, GWCEET, Nagpur 3) Dr. Manoj Motghare, HOD First Year Department, GWCEET, Nagpur 4) Prof. Pravin Wat, Assistant Professor, MBA Department, GWCEET, Nagpur
Program Summary	<p>Dr. Salim A. Chavan, Principal, GWCEET said in his key note that everyone wants to fulfill their dreams and to fulfill all these dreams it is very important to become an entrepreneur. By working or doing job, we can only fulfill our basic needs but unable to fulfill the dreams. In order to nurture our family and fulfill the dreams, it is must to become an entrepreneur.</p> <p>Dr. Hemant Bhagat Patil addressed about innovation and product choice with real life examples. Prof. Manoj Motghare in his session told about Start Up India, Incubation and Project Feasibility. Prof. Praveen Wat in his session talked about the process of starting micro, small, medium enterprises and business opportunities Prof. V.P. Thakare gave vote of thanks.</p>
Objectives	The main objective of this Entrepreneurship Awareness Program was to create awareness among the students about various aspects of entrepreneurship.
Outcome of the Activity	At the end of the programmed, students expressed interest and intention to explore entrepreneurship as a career. Further, information related to entrepreneurship were sought by the students. More experiential learning related to entrepreneurship education were expressed by the students.



Glimpses of Entrepreneurship Awareness Program



Aselole

Activity Incharge
Prof. Aditi Sawarkar

[Signature]

Prof. V.P. Thakare
HOD, CSE
H.O.D.
Computer Science & Engg. Dept.
G.W.C.E.T., Nagpur.

Completion of Internship

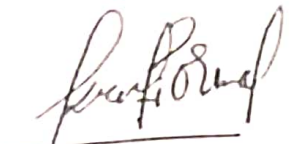


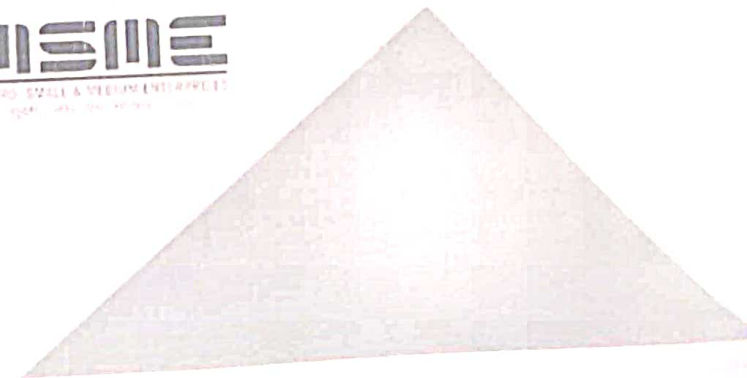
SYSTEM TRON
CID :ST/INP/1249

This Certificate is Awarded to

DIKSHA CHAMBHARU TEMBHARE

has successfully completed the 1 month Internship in **WEB DEVELOPMENT** Internship at SystemTron from 30-Oct 2023 to 26-NOV 2023.


Co-Founder
System Tron



Supported by
India Edu Program
Google for Developers



EduSkills®
Nation Building Through Skills



**AICTE ATAL - EduSkills Faculty Development Program (FDP)
on Google AI-ML**

Certificate of Completion

Presented to

Nitin Thakre

of

Govindrao Wanjari College of Engineering & Technology

has participated and completed successfully **6 Days AICTE Training & Learning (ATAL) Academy - EduSkills
Faculty Development Program (FDP) on "Google AI-ML"**
hosted by Govindrao Wanjari College of Engineering & Technology, Nagpur (M.S.)
from ~~22nd to~~ **27th April 2024.**

Karthik Padmanabhan
Developer Ecosystem Lead
MENA & India, Google

Dr. Satya Ranjan Biswal
Chief Technology Officer (CTO)
EduSkills

Dr. Ramesh Unnikrishnan
Adviser, All India Council for Technical Education (AICTE)
Ministry of Education, Government of India

C. No : 07052006220409270424



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Ph - 7823850876 / 9307464978



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Dr. (Smt) Suhasini Wanjari

Secretary
Adv. Abhijit G. Wanjari

Treasurer
Dr. Smeeta Wanjari

Principal
Dr. Salim Chavan

POLICY FOR FINANCIAL SUPPORT TO TEACHING STAFFS TO ATTEND FDPs, RESEARCH WORKS, CONFERENCES, WORKSHOPS, SEMINARS, SYMPOSIA AND MEMBERSHIP FEES

Research and quality improvement in the teaching and learning process, we believe, contribute to classroom excellence. Substantial changes in educational structure have happened, making learning more accessible. Teachers must be more adaptable, versatile, and diverse as a result of these developments. Internal faculty members can improve their academic knowledge by using the platforms given by well designed Financial Support Policy.

POLICY STATEMENT

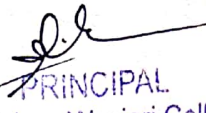
The goal is achieved by offering financial assistance to faculty and encouraging them to attend seminars, symposia, conferences, workshops, and training workshops. This would aid in sharing knowledge, fostering academic growth, increasing collaborations and networking. The outcomes of such interactions and interventions would improve teacher's professional and personal effectiveness, resulting in institutional, individual, and student academic achievements.

OBJECTIVES

Provide financial assistance to all teaching faculty for the following:

- 1) Attending or participating in seminars, symposia, conference workshops, refresher courses, Ph.D programme course works, book publishing, and training workshops.
- 2) Provide financial help to faculty members in the form of registration fee reimbursement and encourage their participation in various professional development through conferences/workshops.
- 3) Upgrade academic credentials of faculty.
- 4) To encourage faculty to become members of academic/professional bodies.




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INCENTIVE

- 1) For attending Symposia, Conferences, Workshops 50% of registration fees or Rs. 2000 whichever is minimum will be paid by college.
- 2) For attending Faculty Development Programme (FDP), Short Term Training Programme (STTP), Short Term Courses (STC) 50% of registration fees or Rs. 2000 whichever is minimum will be paid by college
- 3) If the faculty publishes the patents then 50% of registration fees or Rs. 5000 whichever is minimum will be paid by college.
- 4) If the faculty publishes the paper in Scopus, SCI Index journal then 50% of registration fees or Rs. 5000 whichever is minimum will be paid by college.
- 5) For some college useful projects 50% of the expenditure will be provided by college.
- 6) If student get prize in project competition then Rs. 500 will be given by college.




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Secretary

Adv. Abhijit G. Wanjari

Treasurer

Dr. Smeeta Wanjari

Principal

Dr Salim Chavan



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

Sl. No.	Name of the MoU / linkage	Year of signing MoU / linkage	Duration of MoU / linkage
1	EDuSKILLS FOUNDATION ("EDuSKILLS")	2023-24	3 Years
2	NITIN BISWAS MECHANICAL & CIVIL CONTRACTOR	2023-24	5 Years
3	VFLYORIONS TECHNOLOGIES PVT. LTD., NAGPUR.	2023-24	1 Year
4	ETON ADVISORS PVT. LTD., MUMBAI	2023-24	5 Years
5	Aptech Limited, Mumbai	2023-24	3 Year
6	SOFTBUZZ TECH PRIVATE LTD, NAGPUR.	2023-24	5 Year
7	JUST COOL REFRIGERATION COMPANY, NAGPUR	2023-24	5 Year
8	PRAKASH BUILDING CONSTRUCTION, WARORA, CHANDRAPUR.	2023-24	5 Year
9	N. M. ASSOCIATES, NAGPUR	2023-24	5 Year
10	AK CONSTRUCTION, Deosara, Bhandara.	2023-24	5 Year
11	PARAGENESIS ARCHITECTS, NAGPUR	2023-24	5 Year
12	SHRI SAI SHRINIVAS CONSTRUCTION, NAGPUR	2023-24	5 Year
13	NEHAL CONSTRUCTIONS, NAGPUR	2023-24	5 Year
14	GARGI CONSTRUCTION, NAGPUR	2023-24	5 Year
15	REINFORCE CONSTRUCTION, NAGPUR	2023-24	5 Year
16	AP-TECH SOLAR PVT. LTD.	2023-24	1 Year
17	TECHICHRO SOFTWARE DIVISION OF TECHICHRO OPC PVT. LTD.	2023-24	1 Year
18	TECHICHRO SOFTWARE DIVISION OF TECHICHRO OPC PVT. LTD.	2023-24	1 Year
19	Edusan Foundation	2023-24	1 Year
20	Bliinc Innovation Pvt. Ltd., Nagpur	2023-24	5 years
21	NRSOLUTION4U PRIVATE LTD.	2023-24	3 YEARS
22	BLINC INNOVATIONS PRIVATE LTD.	2023-24	5 YEARS



The Following **Industry Application Based Interdisciplinary Projects** Done By The Final Year Students In Collaboration With Industry Bliinc Innovation Pvt. Ltd.

1. Department of Computer Science and Engineering

Title of Project: “Color and Shape Detection Using Image Processing for Robotics Arm”

This project done by the following students

1. Ms. Neha Dhabale, 2. Ms. Ishaka Wankhede, 3. Ms. Himanshi Ahuja, 4. Ms. Janhavi Wasade, 5. Ms. Oshin Dongre, 6. Ms. Damini Ambedare, 7. Mr. Rushisarang Sarate, 8. Ms. Khushboo Thalal

2. Department of Information Technology

Title of Project: “Developing Mobile Application in Program & Control Robot”

This project done by the following students

1. Mr. Tanmay Vairagade, 2. Mr. Mahesh Shewale, 3. Mr. Vishal Raut, 4. Mr. Pranaysingh Shengar, 5. Ms. Shivani Madakwar

3. Department of Electrical Engineering

Title of Project: “Robotic Operation Sequencer Application”

This project done by the following students

1. Ms. Sushmita Kukde, 2. Mr. Dhirajkumar Samrit, 3. Mr. Pranjal Bagde, 4. Mr. Ankesh Mahaka, 5. Mr. Ankush Ghormade

4. Department of Electronics and Telecommunication Engineering

Title of Project: “Supervising and Controlling Robotic Arms with IOT Integration”

This project done by the following students

1. Ms. Sneha Gatlewar, 2. Ms. Disha Akotkar, 3. Ms. Sonal Gajbhiye, 4. Ms. Ashwini Ninave, 5. Mr. Nishant Gode


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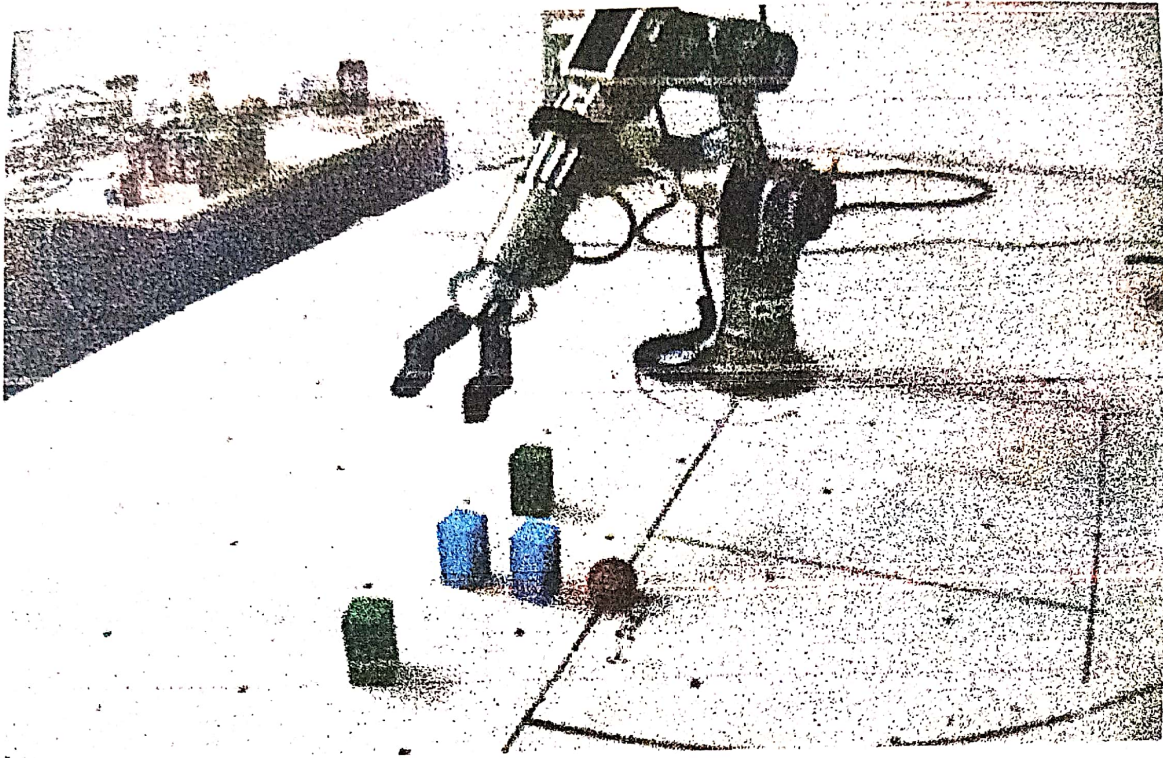


Fig. 1: Example of Robotic arm working model

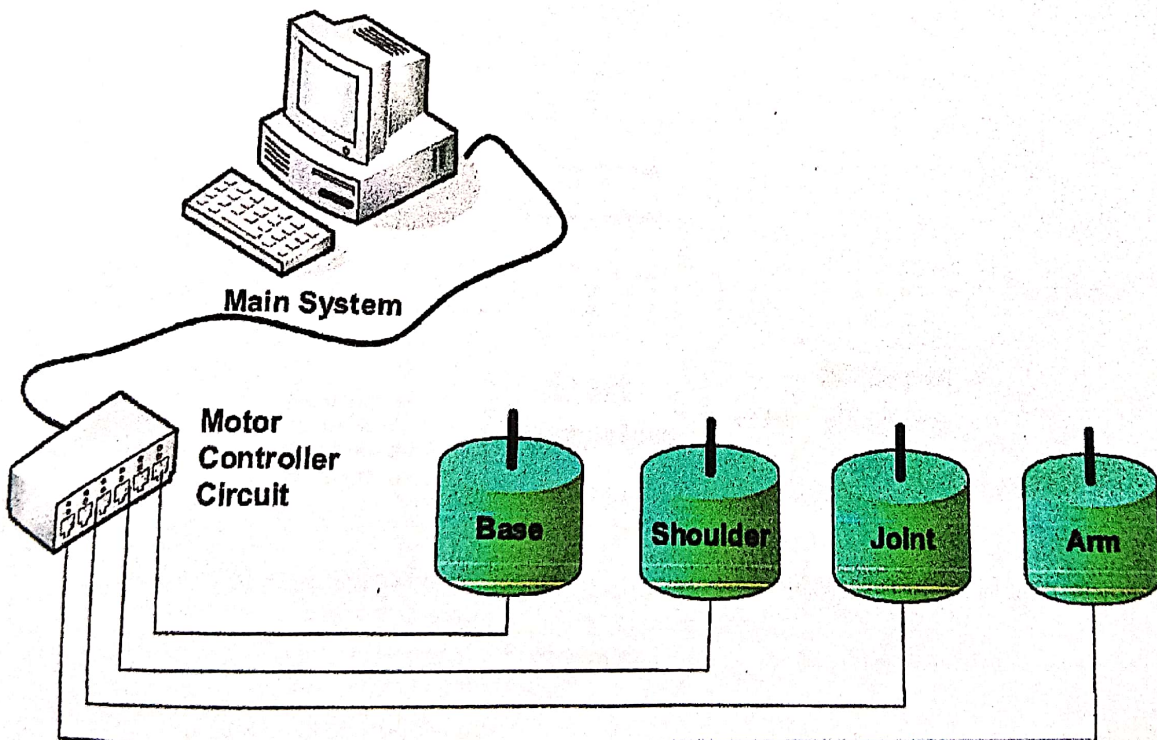


Fig. 2: Proposed system hardware working block diagram

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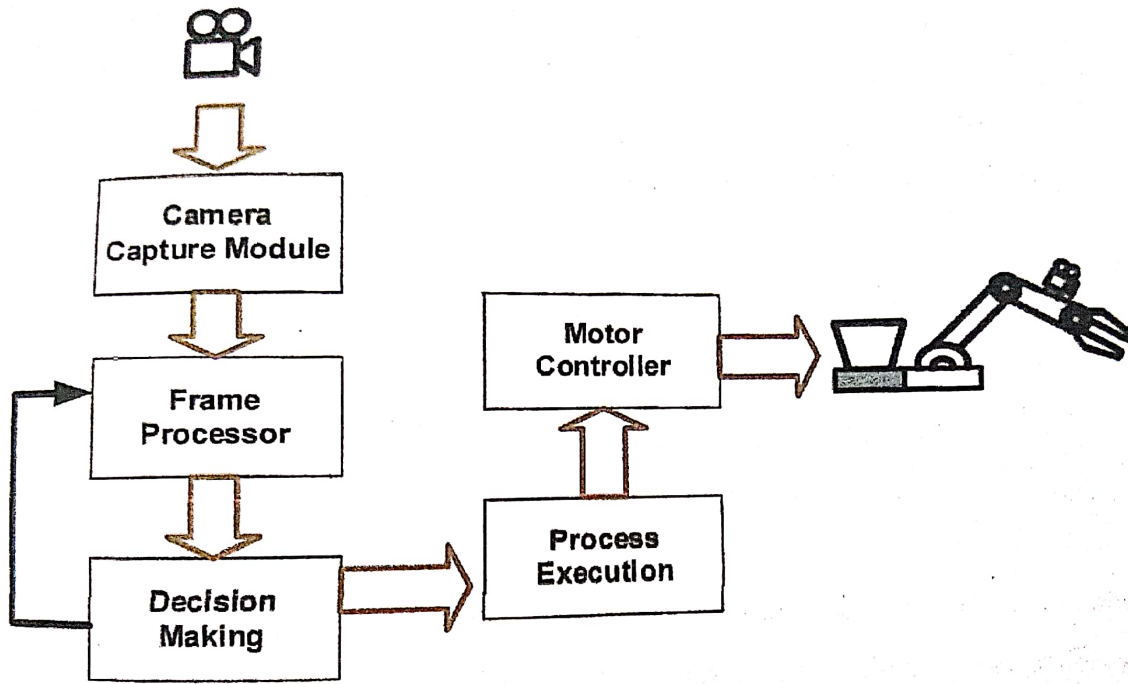


Fig. 3: Execution, processing flow of proposed system and implementation process

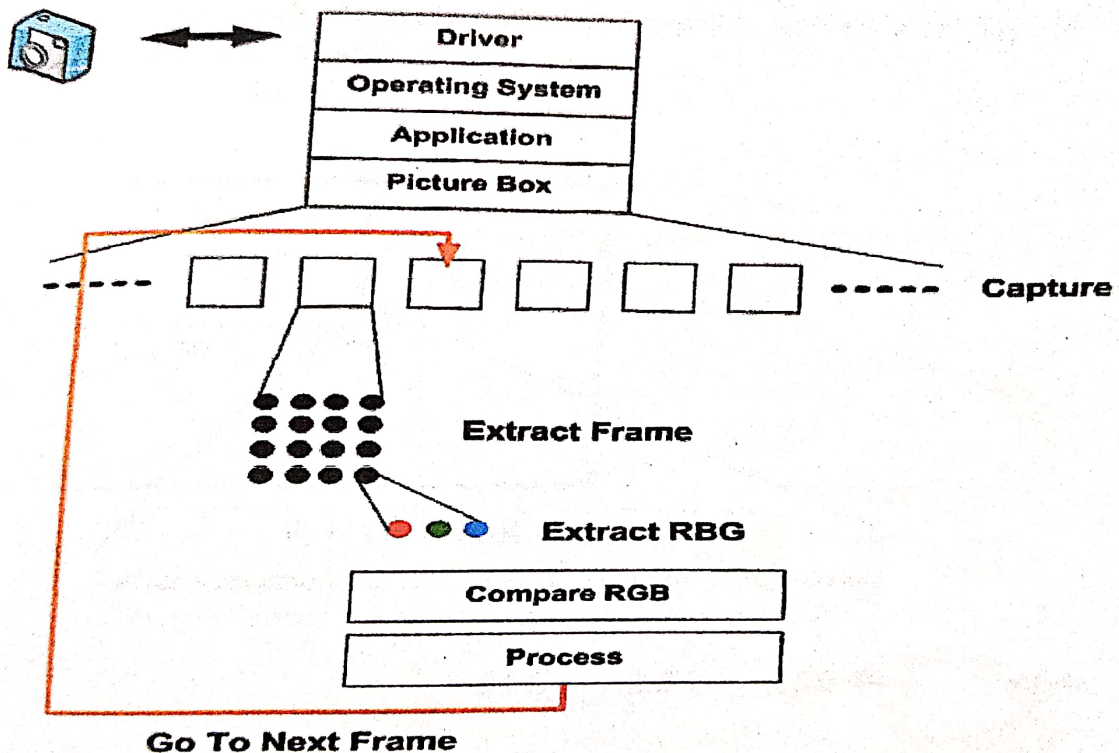


Fig. 4: Image processing algorithm flow

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 of Engineering & Technology
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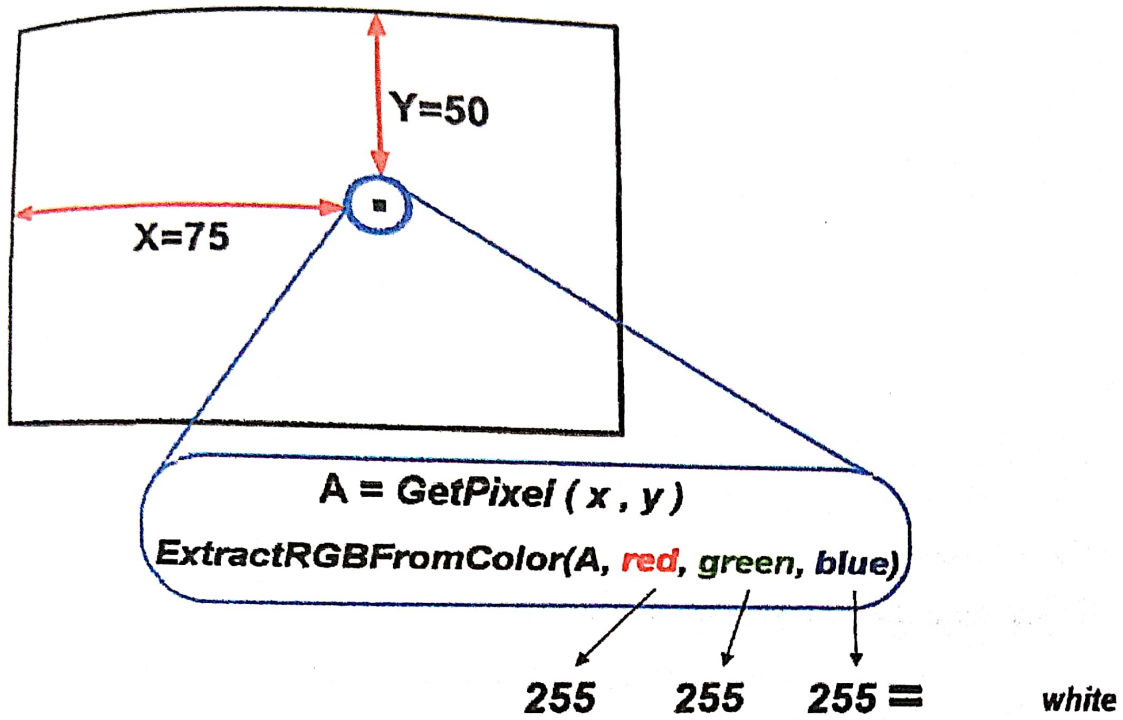


Fig. 5: Pixel colour extraction method

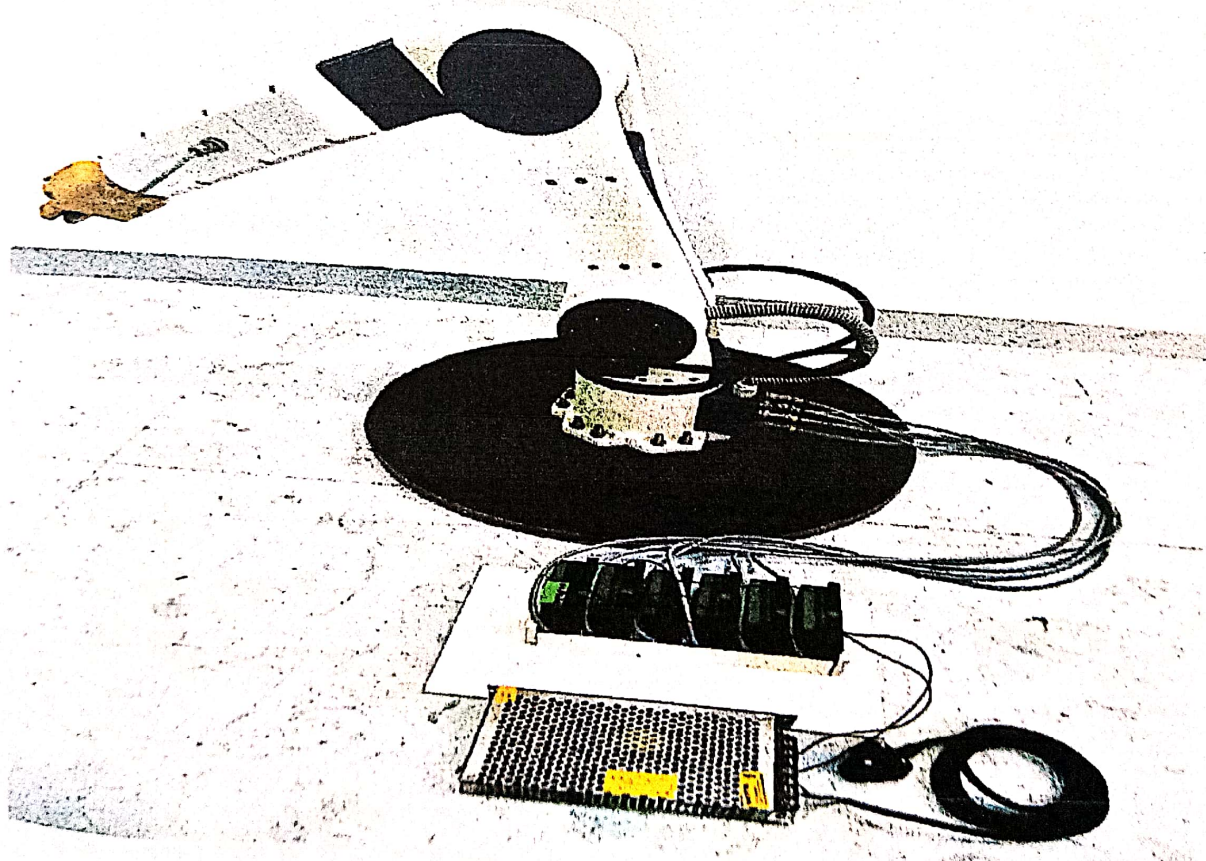
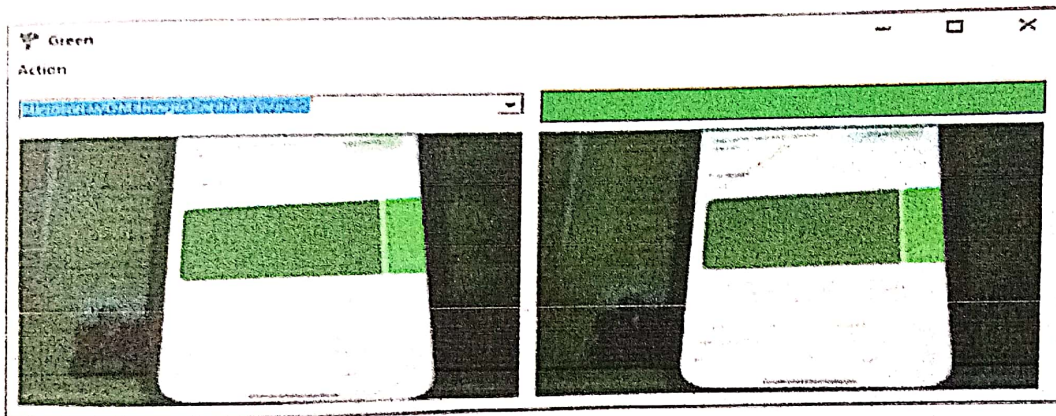


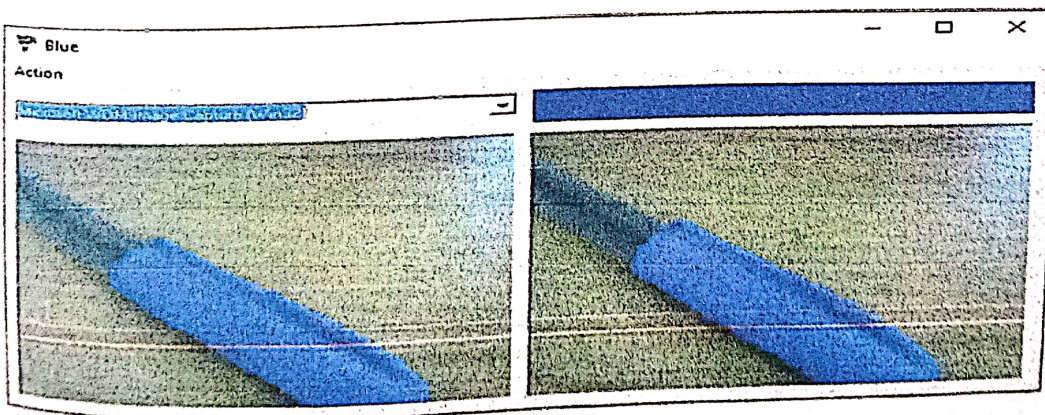
Fig. 6: Proposed system hardware with Control and Power Unit



(A)



(B)



(C)

Fig. 7 (A), (B) & (C): Proposed system software color detection module

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of Engineering & Technology
Bajaj Colodhari, Hukeshwar P.