



Maharshi Karve Stree Shikshan Samstha's
**Cummins College of Engineering
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Sharpening Engineering Acumen with a difference
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Affiliated to Rashtrasant Tukadoji Maharaj Nagpur University



3.2.1: Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge (patents filed, published, incubation center facilities in the HEI to be considered) Write description in a maximum of 500 words.

The college has created an ecosystem for innovations including awareness about IPR, Incubation center and other initiatives for the creation and transfer of knowledge / technology and the outcomes of the same are evident. The college has created an ecosystem for innovations and following initiatives have been taken for the creation and transfer of knowledge. The institute continuously strives to promote a culture of innovation by encouraging students, faculty, and staff to think creatively and undertake projects based on innovative ideas. This culture has been fostered through curriculum delivery, invited talks, events, competitions, workshops, skill development programs, conferences, professional society student chapter and student club activities that showcase student and faculty innovations.



Kind

Dr. Milind Khanapurkar
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Hingna, Nagpur-441118.

■ Tel. No. : 9657667030 ■ E-mail : office@cumminscollege.edu.in,
■ website : www.cumminscollege.edu.in

Mouje Sukli (Gupchup), Hingna, Nagpur-441110





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The institute has a research infrastructure that provides the resources and support needed for innovation, such as laboratories, equipment, and access to experts. The laboratories have been established with the support from industries like AI-ML lab is established with the support of HCL, CAD lab, Automobile lab (Six-cylinder Diesel engine, section of four-cylinder Diesel engine, Rear Differential for Truck and Turbocharger), LabView lab, campus wide MATLAB and AWR lab with support from Cummins foundation.

- The institution has 50+ MoUs with various organizations and industries to undertake collaborative projects and workshops and other joint activities to foster innovation and transfer of knowledge between industry and academia. Guest lectures, internships, industry
- Mentorship, industry visits and other such fruitful collaborative activities are regularly organized every semester under this collaboration.
- The institute is a Government of India MSME recognized host institute that provides support to entrepreneurs and start-ups, such as mentorship, and access to funding. The main objective of the Grant-in Aid scheme is to promote and support untapped creativity of individuals and to promote adoption of latest technologies in manufacturing as well acknowledge innovative MSMEs (ventures) that seek the validation of their ideas at the proof-of-concept level.
- The institute encourages faculties and the students to file the patents or copyrights for their innovative ideas and work.



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- The institute has provided motivational incentives to the faculty who involve in acquiring Ph.Ds., in getting projects from external agencies and publish papers in conferences and journals and reimbursement for NPTEL / Swayam certification.
- Workshops, skill development programs and training programs are conducted regularly that teach students and faculty about innovation and entrepreneurship.
- Funding opportunities for students and faculty to undertake innovative projects.
- The institute has organized Internal Smart India Hackathon 2022 in March 2022
- The institute has organized Atal Tinkering Lab Hands-on Workshop on Internet of Things at Somalwar High-school and Junior College, Nagpur.
- The institute hosted the Hackathon Avishkaar 1.0 competition for converting creative concepts into tangible, digital or physical prototypes with positive societal effects.
- The institute has organized various programs regarding Indian Knowledge System like Tricks of Vedic Mathematics, Madhubani Art, Kalamkari Art, UHV, Yoga.
- The faculty is in contact with VNIT, RTMNU, and IIIT, Nagpur for collaborative joint research and innovation related activities.



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IPR and Related Activities



Kvmlind

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- **Patent**
- **Copyright Certificate**
- **ISTE approved one week online Faculty Development Program (FDP) on Intellectual Property Rights (IPR)**
- **Research Grant from DRDO**



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PATENT CERTIFICATES



Kind

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The college has created an ecosystem for innovations including awareness about IPR. The list of 5 patents published and 7 patents registered are as follows

List for patents published

Sr. No.	Title of the invention
1	Rigged Aerodynamic Diffuser Blades Mixed Flow Pump for Flow Resistance Control.
2	Portable Oxygen Concentrator.
3	Multiple Camera based System for 3D Model construction of inner walls of ship propeller from 2D images.
4	Automated marketing platform utilizing natural language processing and behavioral analysis for personalized consumer engagement.
5	Artificial Intelligence based Enterprise Resource Planning Software.



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List for patents registered / filed

Sr. No.	Title of the invention
1	Design Method for Antenna Disc of Wifi Antenna for Rural and Forest Areas
2	Pea Depoding Machine
3	Hand Operated Lanzan Seed Decorticator
4	Automatic color and size sorting machine
5	Memorable Device for Medicine Packaging
6	High Efficiency Power Conversion Circuit Using Gallium Nitride
7	Briquette Making Machine



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Patent published on 'Portable Oxygen Concentrator' by Dr. Mahesh Shukla.

Design Number	178237-017	
Class	02-02	
REFLECT SCULPT PVT. LTD. A-42, Sector - 5, Noida, U.P. 201301, India		
Date of Registration	30/01/2023	
Title	GARMENT	
Priority NA		
Design Number	395323-001	
Class	24-01	
1. Dr. Hiren Jayantilal Dand Head, Department of Information Technology, PTVA's Mulund College of Commerce, Mulund Vanijya Mahavidyalaya Marg, off. Sarojini Naidu Road, Mulund West, Mumbai 400080. 2. Dr. Veena Kirthika S Professor/Vice Principal/Joint Registrar, Faculty of Physiotherapy, Dr.M.G.R Educational and Research Institute, University Chennai - 600077, Tamilnadu, India. 3. Prof. Ran Vijay Singh Professor, Department of Civil Engineering, B.I.T Sindri, Dhanbad, Jharkhand - 828123. 4. Dr. Mahesh R. Shukla Associate Professor & Head, Mechanical Engineering Department, MKSSS Cummins College of Engineering for Women, Hingna, Nagpur, Maharashtra - 441110. . et al.		
Date of Registration	17/09/2023	
Title	Portable Oxygen Concentrator	
Priority NA		
Design Number	391847-001	
Class	07-02	
Société des Produits Nestlé S.A. 1800 Vevey, Switzerland		
Date of Registration	03/08/2023	
Title	Machine for preparing beverages	
Priority		
Priority Number	Date	Country
147215	24/02/2023	Switzerland

The Patent Office Journal No. 45/2023 Dated 10/11/2023 77104



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Patent published on 'Multiple Camera based System for 3D Model construction of inner walls of ship propeller from 2D images' by Dr. Mahesh Shukla

(12) PATENT APPLICATION PUBLICATION (21) Application No.202341062492 A
(19) INDIA
(22) Date of filing of Application: 17/09/2023 (43) Publication Date: 06/10/2023

(54) Title of the invention : MULTIPLE CAMERA BASED SYSTEM FOR 3D MODEL CONSTRUCTION OF INNER WALLS OF SHIP PROPELLER FROM 2D IMAGES

(51) International classification :G06T0007000000, G06T0017000000, A61B0006000000, G06T0007579000, G01N0015100000	(71)Name of Applicant : 1)Dr. S. Sathees Kumar Address of Applicant :Associate Professor, Department of Mechanical Engineering, Institute of Aeronautical Engineering, Hyderabad, 500043 2)Dr. Ranu Gupta 3)Mr. Ashutosh Pandey 4)Ram Ji Dixit 5)S. Riyazhanu 6)J. Immanuel Duraj Raj 7)Dr. Mahesh R. Shukla 8)Prof. Amruta Jagdish Killol 9)Dr. Rakesh Kumar Pandey
(86) International Application No :NA Filing Date :NA	Name of Applicant : NA Address of Applicant : NA
(87) International Publication No : NA	(72)Name of Inventor : 1)Dr. S. Sathees Kumar Address of Applicant :Associate Professor, Department of Mechanical Engineering, Institute of Aeronautical Engineering, Hyderabad, 500043 2)Dr. Ranu Gupta Address of Applicant :Assistant Professor, Department of Electronics and Communication Engineering (ECE), Jaypee University of Engineering and Technology, AB Road, Raghogarh, Guna, (MP), India, 473226 3)Mr. Ashutosh Pandey Address of Applicant :Assistant Professor, Department of Civil Engineering, MATS University, Raipur, India, 493441 4)Ram Ji Dixit Address of Applicant :Assistant Professor, Department of MCA, ABES Institute of Technology, Ghaziabad, Uttar Pradesh 5)S. Riyazhanu Address of Applicant :Assistant Professor, Department of CSL, K.S.R.M. College of Engineering, Kadapa, Andhra Pradesh, 516003 6)J. Immanuel Duraj Raj Address of Applicant :Assistant Professor, Department of Mechanical Engineering, St. Joseph's Institute of Technology, OMR, Chennai, 600119 7)Dr. Mahesh R. Shukla Address of Applicant :Associate Professor & Head, Mechanical Engineering Department, MKSSS Cummins College of Engineering for Women, Hingna, Nagpur, 441110 8)Prof. Amruta Jagdish Killol Address of Applicant :Assistant Professor, Department of Civil Engineering, Ajeenkya D.Y.Pati School of Engineering, Lohgaon, Pune 9)Dr. Rakesh Kumar Pandey Address of Applicant :Associate Professor, Department of Civil Engineering, MATS University Raipur, India, 493441
(61) Patent of Addition to Application Number :NA Filing Date :NA	
(62) Divisional to Application Number :NA Filing Date :NA	

(57) Abstract:
A novel system and method designed for the three-dimensional (3D) reconstruction of ship propeller inner walls from two-dimensional (2D) images. This system employs multiple strategically-positioned cameras that work collaboratively to capture overlapping images of a propeller. These captured images are then processed using advanced algorithms, merging them seamlessly into a detailed and accurate 3D representation. Beyond the creation of the model, the system is equipped to identify discrepancies or potential defects, serving as an indispensable tool for maritime professionals to ensure optimal propeller performance and safety.

No. of Pages : 20 No. of Claims : 10

The Patent Office Journal No. 40/2023 Dated 06/10/2023 67101



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Patent published on 'Automated marketing platform utilizing natural language processing and behavioral analysis for personalized consumer engagement' by Dr Mahesh Shukla.

Office of the Controller General of Patents, Designs & Trade Marks
Department of Industrial Policy & Promotion,
Ministry of Commerce & Industry,
Government of India

(<http://ipindia.nic.in/index.htm>)

INTELLECTUAL PROPERTY INDIA
(<http://ipindia.nic.in/index.htm>)

Application Details

APPLICATION NUMBER	202341056924
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	24/08/2023
APPLICANT NAME	1 . Ms. Padmashree. P 2 . Dr.Lavanya.k 3 . Dr. Rana Rohit Singh 4 . Rashi Singh 5 . Dr.JMSV Ravi Kumar 6 . Dr. Anita Mishra 7 . Dr. Monika Sarkar 8 . Dr. Mahesh R. Shukla 9 . Sri Raman Kothuri 10 . Dr P Senthilkumar
TITLE OF INVENTION	AUTOMATED MARKETING PLATFORM UTILIZING NATURAL LANGUAGE PROCESSING AND BEHAVIORAL ANALYSIS FOR PERSONALIZED CONSUMER ENGAGEMENT
FIELD OF INVENTION	COMPUTER SCIENCE
E-MAIL (As Per Record)	vaagaip@gmail.com
ADDITIONAL-E-MAIL (As Per Record)	
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	09/09/2023



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Patent published on 'Artificial Intelligence based Enterprise Resource Planning Software' by Dr. Mahesh Shukla

(12) PATENT APPLICATION PUBLICATION (21) Application No.202341056918 A
(19) INDIA
(22) Date of filing of Application :24/08/2023 (43) Publication Date : 08/09/2023

(54) Title of the invention : ARTIFICIAL INTELLIGENCE BASED ENTERPRISE RESOURCE PLANNING SOFTWARE FOR MANUFACTURING INDUSTRIES

(71)Name of Applicant :
1)Mrs. Manrpalil Sallaia
Address of Applicant :Assistant Professor, Department of Mechanical Engineering, And
Neerakonda Institute of technology and sciences, Visakhapatnam - 531162
2)Dr. Kahmeera Shaik
3)Dr. R Palani Kennedy
4)Dr. S.Sunathi
5)Mr. Lalam Ramu
6)Dr. A.M.Prasanna Kumar
7)M.Premalatha
8)Dr. Mahesh R. Shukla
9)Mr. SARATHI R
10)Mrs. R Dhanya
Name of Applicant : NA
Address of Applicant : NA
(72)Name of Inventor :
1)Mrs. Manrpalil Sallaia
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Address of Applicant :Assistant Professor, School of Management and Commerce, TAT
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3)Dr. R Palani Kennedy
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7)M.Premalatha
Address of Applicant :Assistant Professor, Department of Electronics and Communication
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8)Dr. Mahesh R. Shukla
Address of Applicant :Associate Professor & Head, Mechanical Engineering Department,
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9)Mr. SARATHI R
Address of Applicant :Student, Mechanical Engineering, St. Joseph's College of Engineering,
Chennai - 600119
10)Mrs. R Dhanya
Address of Applicant :Assistant Professor, Department of Information Technology,
M.Kumaraswami College of Engineering, Thalassery, Kannur-670311

(51) International classification G06Q0010060000, G06N0020000000, G06Q0010080000,
G06Q0010040000, G06Q0030020000
(86) International Application No. NA
Filing Date NA
(87) International Publication No. NA
(61) Patent of Addition to Application Number NA
Filing Date NA
(52) Divisional to Application Number NA
Filing Date NA

(57) Abstract
ARTIFICIAL INTELLIGENCE BASED ENTERPRISE RESOURCE PLANNING SOFTWARE FOR MANUFACTURING INDUSTRIES AI-driven Enterprise Resource Planning (ERP) software designed specifically for manufacturing industries is a game-changing solution that revolutionizes operational efficiency and decision-making. This innovative ERP seamlessly integrates AI technologies, such as machine learning and data analytics, to optimize manufacturing processes. Demand forecasting powered by AI predicts future demand accurately by analyzing historical sales data and market trends, aiding in efficient inventory management. Predictive maintenance uses AI to proactively identify equipment issues, reducing downtime and capacity and raw material supply, enhancing resource utilization and reducing lead times. Quality control benefits from real-time monitoring through AI-enabled image recognition, swiftly detecting defects and maintaining product quality. Supplier management becomes more intelligent as the software analyzes supplier performance and external factors to suggest alternative suppliers or adjust procurement strategies, minimizing risks and costs. Beyond operations, the ERP generates actionable insights from extensive data, guiding strategic decisions for growth and innovation. In essence, AI-driven ERP for manufacturing optimizes production, quality control, resource allocation, and decision-making. By harnessing AI's predictive and analytical prowess, it empowers manufacturers to thrive in a dynamic market environment, making processes more efficient and enabling swift adaptation to industry changes. FIG.1

No. of Pages : 8 No. of Claims : 1

The Patent Office Journal No. 36/2023 Dated 08/09/2023 59202



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**Patent registered for Design Method for Antenna Disc of Wifi Antenna for
Rural and Forest Areas**



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Patent registered for Green Pea Depoding Machine by Dr. Shailesh Khekale

Design Number	358032-001	
Class	31-00	
1. MKSSS' Cummins College of Engineering for Women, Nagpur Mechanical Engineering Department, MKSSS' Cummins College of Engineering for Women, Mouje Sukali (Gupchup), Hingna, Nagpur-441110, India 2. Dr. Shailesh N. Khekale Mechanical Engineering Department, MKSSS' Cummins College of Engineering for Women, Mouje Sukali (Gupchup), Hingna, Nagpur-441110, India 3. Vaishnavi Chaudhary Mechanical Engineering Department, MKSSS' Cummins College of Engineering for Women, Mouje Sukali (Gupchup), Hingna, Nagpur-441110, India 4. Rutuja Belkhode Mechanical Engineering Department, MKSSS' Cummins College of Engineering for Women, Mouje Sukali (Gupchup), Hingna, Nagpur-441110, India, et al.		
Date of Registration	07/02/2022	
Title	GREEN PEAS DEPODING MACHINE	
Priority NA		

The Patent Office Journal No. 42/2023 Dated 20/10/2023

74135



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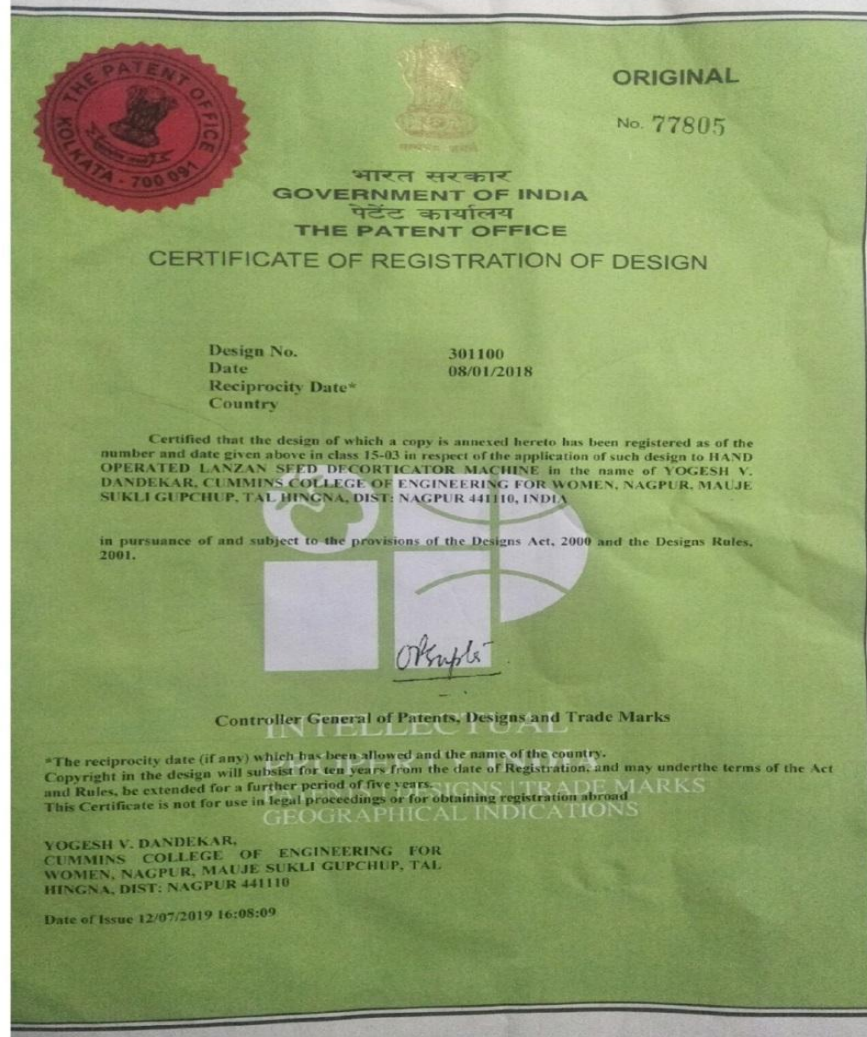
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**Patent registered for Hand Operated Lanzan Seed Decorticator Machine by
Yogesh Dandekar**



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**Patent registered for Automatic color and size sorting machine for
Lemon**



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Patent filed for Memorable Device for Medicine Packaging

Office of the Controller General of Patents, Designs & Trade Marks
Department of Industrial Policy & Promotion,
Ministry of Commerce & Industry,
Government of India

(<http://ipindia.nic.in/index.htm>)

INTELLECTUAL
PROPERTY INDIA
PATENTS, DESIGNS, TRADE MARKS
GEOGRAPHICAL INDICATIONS

(<http://ipindia.nic.in/index.htm>)

Application Details

APPLICATION NUMBER	202341056924
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	24/08/2023
APPLICANT NAME	1. Ms. Padmashree. P 2. Dr. Lavanya. k 3. Dr. Rana Rohit Singh 4. Rashi Singh 5. Dr. JMSV Ravi Kumar 6. Dr. Anita Mishra 7. Dr. Monika Sarkar 8. Dr. Mahesh R. Shukla 9. Sri Raman Kothuri 10. Dr P Senthilkumar
TITLE OF INVENTION	AUTOMATED MARKETING PLATFORM UTILIZING NATURAL LANGUAGE PROCESSING AND BEHAVIORAL ANALYSIS FOR PERSONALIZED CONSUMER ENGAGEMENT
FIELD OF INVENTION	COMPUTER SCIENCE
E-MAIL (As Per Record)	vaagaip@gmail.com
ADDITIONAL-E-MAIL (As Per Record)	
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	08/09/2023

72

04-10-2023, 03:34



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Patent filed for High Efficiency Power Conversion Circuit Using Gallium Nitride Transistors by Dr. Mahesh Shukla

Office of the Controller General of Patents, Designs & Trade Marks
Department of Industrial Policy & Promotion,
Ministry of Commerce & Industry,
Government of India

(<http://ipindia.nic.in/index.htm>)

INTELLECTUAL PROPERTY INDIA
PATENTS DESIGN TRADE MARKS
GEOGRAPHICAL INDICATIONS

(<http://ipindia.nic.in/index.htm>)

Application Details

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APPLICATION TYPE	ORDINARY APPLICATION
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FIELD OF INVENTION	COMPUTER SCIENCE
E-MAIL (As Per Record)	vaagalip@gmail.com
ADDITIONAL-EMAIL (As Per Record)	
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	08/09/2023



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Patent filed for Briquette Making Machine by Dr Shailesh Khekale



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The college has created an ecosystem for innovations including awareness about IPR. Faculties of Cummins College of Engineering for women have registered four Copyright Certificates.

List for Copyright registered

Sr. No.	Title of the work	Registration Number
1	Notes for concepts in computer engineering.	L-132872/2023
2	Modeling and Simulation of binary Phase Shift Keying with Embedded MATLAB function block using MATLAB SIMULINK	L-121225/2023
3	Power point presentation on 'Analysis for performance of Pea Depoding Machine'.	L-113774/2022
4	Lab Manual of Engineering Metallurgy.	L-75833/2018



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Copyright on Notes for concepts in computer engineering BY Sakshi Khamankar

Intellectual Property Office, Government of India

Extracts from the Register of Copyrights

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Date: 11/09/2023

1. पंजीकरण संख्या/Registration Number	I-132872/2023
2. आवेदनकर्ता का नाम, पता तथा राष्ट्रियता/Name, address and nationality of the applicant	SAKSHI KHAMANKAR, 108 HINDUSTAN COLONY, WARDHA ROAD NAGPUR-440013, INDIA
3. कृति के अधिलिप्यधिकार में आवेदन के विषय की संज्ञा/Nature of the applicant's interest in the copyright of the work	OWNER
4. कृति का वर्ग और वर्णन/Class and description of the work	LITERARY/ DRAMATIC WORK NOTES
5. कृति का शीर्षक/Title of the work	NOTES FOR CONCEPTS IN COMPUTER ENGINEERING
6. कृति की भाषा/Language of the work	ENGLISH
7. रचयिता का नाम, पता और राष्ट्रियता तथा यदि रचयिता की मृत्यु हो गई है तो मृत्यु की तिथि/Name, address and nationality of the author and if the author is deceased, date of his decease	SAKSHI KHAMANKAR, 108 HINDUSTAN COLONY, WARDHA ROAD NAGPUR-440013, INDIA
8. कृति प्रकाशित है या अप्रकाशित/Whether the work is published or unpublished	UNPUBLISHED
9. प्रकाश प्रकाशन का वर्ष और देश तथा प्रकाशक का नाम, पता और राष्ट्रियता/Year and country of first publication and name, address and nationality of the publisher	N.A.
10. बाद के प्रकाशनों के वर्ष और देश, यदि कोई हो, और प्रकाशकों के नाम, पते और राष्ट्रियता/Names, addresses and nationalities of subsequent publications, if any, and names, addresses and nationalities of the publishers	N.A.
11. कृति में अधिलिप्यधिकार रखित विभिन्न अधिकारों के स्वामियों के नाम, पते और राष्ट्रियता और स्वामित्व और अनुमति के विवरण के साथ प्रत्येक के अधिकार का विवरण, यदि कोई हो/Names, addresses and nationalities of the owners of various rights comprising the copyright in the work and the extent of rights held by each, together with particulars of assignments and licenses, if any	SAKSHI KHAMANKAR, 108 HINDUSTAN COLONY, WARDHA ROAD NAGPUR-440013, INDIA
12. अन्य अधिकारों के नाम, पते और राष्ट्रियता, यदि कोई हो, जो अधिलिप्यधिकार का अधिकार को प्रभावित करने या अग्रगण्य करने में सक्षम हैं/Names, addresses and nationalities of other persons, if any, authorized to assign or license of rights comprising the copyright	N.A.
13. यदि कृति एक 'कलात्मक कृति' है, तो कृति पर अधिकार रखने वाले व्यक्ति का नाम, पता और राष्ट्रियता, जो 'कृति' का स्वामी है, जो 'कृति' का स्वामी है, जो 'कृति' का स्वामी है, जो 'कृति' का स्वामी है/If the work is an 'Artistic work', the location of the original work, including name, address and nationality of the person in possession of the work. (In the case of an architect's work, the year of completion of the work should also be shown)	N.A.
14. यदि कृति एक 'कलात्मक कृति' है जो किसी भी भाग या संकेतों के संदर्भ में प्रदर्शित की जाती है या प्रदर्शित करने में सक्षम है, तो आवेदन में अधिलिप्यधिकार अधिनियम, 1957 की धारा 44 की प्रावधानों (i) के अन्तर्गत के अंतर्गत वास्तव में प्रदर्शित होने वाले कृति का प्रमाण/If the work is an 'Artistic work' which is used or capable of being used in relation to any goods or services, the application should include a certification from the Registrar of Trade Marks in terms of the provision to Sub-Section (1) of Section 43 of the Copyright Act, 1957	N.A.
15. यदि कृति एक 'कलात्मक कृति' है जो डिजाइन अधिनियम 2000 के अन्तर्गत दर्जित है/whether it is registered under the Designs Act 2000, if yes give details	N.A.
16. यदि कृति एक 'कलात्मक कृति' है जो डिजाइन अधिनियम 2000 के अन्तर्गत दर्जित है तो डिजाइन अधिनियम 2000 के अन्तर्गत दर्जित होने में सक्षम है, तो आवेदन में अधिलिप्यधिकार अधिनियम, 1957 की धारा 44 की प्रावधानों (ii) के अन्तर्गत के अन्तर्गत वास्तव में प्रदर्शित होने वाले कृति का प्रमाण/If the work is an 'Artistic work' capable of being registered as a design under the Designs Act 2000 whether it has been registered as an article through an industrial process and, if yes, the number of times it is reproduced	N.A.
17. टिप्पणी, यदि कोई हो/Remarks, if any	

आवेदन संख्या/Entry Number: 18996/2023-COL
 आवेदन की तिथि/Date of Application: 20/07/2023
 प्राप्त की तिथि/Date of Receipt: 20/07/2023

Registrar of Copyrights



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Copyright Office
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सत्यमेव जयते

Extracts
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of Copyrights

Dated: 23/03/2023

1. Registration Number	L-121225/2023
2. Name, address and nationality of the applicant	KANCHAN WAGH, FLAT NO 801, PLOT NO. 23A, VIJAY 3 APARTMENT, PANDE LAYOUT, KHAMLA, NAGPUR-440025 INDIAN
3. Nature of the applicant's interest in the copyright of the work	AUTHOR
4. Class and description of the work	LITERARY/ DRAMATIC WORK, ANALOG MODULATION TECHNIQUE IS CLASSIFIED INTO TWO TYPES: CONTINUOUS WAVE MODULATION AND PULSE MODULATION. IN CW MODULATION THE CARRIER SIGNAL SHOULD BE A SINUSOIDAL SIGNAL AND IN PULSE MODULATION:
5. Title of the work	MODELING & SIMULATION OF BINARY PHASE SHIFT KEYING WITH EMBEDDED MATLAB FUNCTION BLOCK USING MATLAB SIMULINK.
6. Language of the work	ENGLISH
7. Name, address and nationality of the author and of the author is deceased, date of his decease	KANCHAN WAGH, FLAT NO 801, PLOT NO. 23A, VIJAY 3 APARTMENT, PANDE LAYOUT, KHAMLA, NAGPUR-440025 INDIAN
8. Whether the work is published or unpublished	UNPUBLISHED
9. Year and country of first publication and name, address and nationality of the publisher	NA
10. Year and countries of subsequent publications, if any, and names, addresses and nationalities of the publishers	NA
11. Names, addresses and nationalities of the owners of various rights comprising the copyright in the work and the extent of rights held by each, together with particulars of assignments and licences, if any	KANCHAN WAGH, FLAT NO 801, PLOT NO. 23A, VIJAY 3 APARTMENT, PANDE LAYOUT, KHAMLA, NAGPUR-440025 INDIAN
12. Names, addresses and nationalities of other persons, if any authorized to assign or license of right comprising the copyright	KANCHAN WAGH, FLAT NO 801, PLOT NO. 23A, VIJAY 3 APARTMENT, PANDE LAYOUT, KHAMLA, NAGPUR-440025 INDIAN
13. If the work is an 'Artistic work', the location of the original work, including name, address and nationality of the person in possession of the work. (In the case of an architectural work, the year of completion of the work should also be shown)	NA
14. If the work is an 'Artistic work' which is used or capable of being used in relation to any goods or services, the applicant should include a certification from the Registrar of Trade Marks in terms of the provision to Sub-Section (1) of Section 43 of the Copyright Act, 1957	NA
15. If the work is an 'Artistic work', whether it is registered under the Designs Act 2000 if you give details.	NA
16. If the work is an 'Artistic work', capable of being registered as a design under the Designs Act 2000 whether it has been applied to an article through an industrial process and, if yes, the number of times it is reproduced.	NA
17. Remarks, if any	

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**Copyright for Power point presentation on Analysis for performance of Pea
Depoding Machine by Dr. Shailesh Khekale**

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Dated: 30/03/2022

1. Registration Number	: L-113774/2022
2. Name, address and nationality of the applicant	: SHAILESH KHEKALE, PLOT NUMBER-60, VIJAYANAND SOCIETY, NARENDRANAGAR, NAGPUR, MAHARASHTRA-440013, INDIAN
3. Nature of the applicant's interest in the copyright of the work	: AUTHOR
4. Class and description of the work	: LITERAKY/ DRAMATIC WORK POWER POINT PRESENTATION.
5. Title of the work	: ANALYSIS OF THE PERFORMANCE OF GREEN PEA DEPODING MACHINE USING TREADLE MECHANISM
6. Language of the work	: ENGLISH
7. Name, address and nationality of the author and if the author is deceased, date of his decease	: SHAILESH KHEKALE, PLOT NUMBER-60, VIJAYANAND SOCIETY, NARENDRANAGAR, NAGPUR, MAHARASHTRA-440013, INDIAN
8. Whether the work is published or unpublished	: UNPUBLISHED
9. Year and country of first publication and name, address and nationality of the publisher	: N.A.
10. Years and countries of subsequent publications, if any, and names, addresses and nationalities of the publishers	: N.A.
11. Names, addresses and nationalities of the owners of various rights comprising the copyright in the work and the extent of rights held by each, together with particulars of assignments and licences, if any	: SHAILESH KHEKALE, PLOT NUMBER-60, VIJAYANAND SOCIETY, NARENDRANAGAR, NAGPUR, MAHARASHTRA-440013, INDIAN
12. Names, addresses and nationalities of other persons, if any, authorized to assign or licence of rights comprising the copyright	: N.A.
13. If the work is an 'Artistic work', the location of the original work, including name, address and nationality of the person in possession of the work. (In the case of an architectural work, the year of completion of the work should also be shown)	: N.A.
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15. If the work is an 'Artistic work', whether it is registered under the Designs Act 2000 if yes give details	: N.A.
16. If the work is an 'Artistic work', capable of being registered as a design under the Designs Act 2000 whether it has been applied to an article through an industrial process and, if yes, the number of times it is reproduced.	: N.A.
17. Remarks, if any	

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Dt: 29/12/2021
29/12/2021

 
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Copyright for Lab Manual of Engineering Metallurgy by Yogesh Dandekar

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Dated : 07/06/2018

1. Registration Number	: L-75833/2018
2. Name, address and nationality of the applicant	: YOGESH DANDEKAR , 135, RBI COLONY, JAIPRAKASH NAGAR, KHAMLA, NAGPUR-440025 INDIAN
3. Nature of the applicant's interest in the copyright of the work	: AUTHOR
4. Class and description of the work	: LITERARY/ DRAMATIC WORK
5. Title of the work	: LAB MANUAL ENGINEERING METALLURGY
6. Language of the work	: ENGLISH
7. Name, address and nationality of the author and if the author is deceased, date of his decease	: YOGESH DANDEKAR , 135, RBI COLONY, JAIPRAKASH NAGAR, KHAMLA, NAGPUR-440025 INDIAN
8. Whether the work is published or unpublished	: UNPUBLISHED
9. Year and country of first publication and name, address and nationality of the publisher	: N.A.
10. Years and countries of subsequent publications, if any, and names, addresses and nationalities of the publishers	: N.A.
11. Names, addresses and nationalities of the owners of various rights comprising the copyright in the work and the extent of rights held by each, together with particulars of assignments and licences, if any	: YOGESH DANDEKAR , 135, RBI COLONY, JAIPRAKASH NAGAR, KHAMLA, NAGPUR-440025 INDIAN
12. Names, addresses and nationalities of other persons, if any, authorised to assign or licence of rights comprising the copyright	: YOGESH DANDEKAR , 135, RBI COLONY, JAIPRAKASH NAGAR, KHAMLA, NAGPUR-440025 INDIAN
13. If the work is an 'Artistic work', the location of the original work, including name, address and nationality of the person in possession of the work. (In the case of an architectural work, the year of completion of the work should also be shown).	: N.A.
14. If the work is an 'Artistic work', whether it is registered under the Designs Act 2000 if yes give details.	: N.A.
15. If the work is an 'Artistic work', capable of being registered as a design under the Designs Act 2000, whether it has been applied to an article though an industrial process and, if yes, the number of times it is reproduced.	: N.A.
16. Remarks, if any	

Diary Number : 6483/2018-CD/L
Date of Application : 27/04/2018
Date of Receipt : 27/04/2018


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REPORT OF

ISTE approved one week online Faculty Development Program (FDP) on Intellectual Property Rights (IPR)

Date: - 07/03/2022 to 12/03/2022

In recent years, Intellectual property rights (IPR) management has become increasingly important, both for industry and for research institutes/ universities. IPR provides incentive for creativity and the disclosure of information and plays a significant role in encouraging Innovations in the form of product/process development leading to technical advancement. In view of the opportunities IPR provides in the form of protection and innovation management, it has become an increasingly important facet to the success and longevity of any organization/Institute and also for economic growth of the country. The present program is intended for faculty of education institutes to provide quality training and also to help in the process of successful creation and utilization of IPR. This program in turn helps the faculty to disseminate the information to educate and empower the youth who are an inevitable asset of our nation.

Objectives

- To bring awareness about importance of IPR.
- To encourage faculties to file IP for their research, Inventions and Innovative projects.
- To enhance abilities of faculty for conducting meaningful research.



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**ISTE approved one week online Faculty Development Program (FDP) on
Intellectual Property Rights (IPR)**

Take Away

After attending this course participants will be able to,

- To get better ranking & class Accreditation for education institution
- To convert project and research works into patents.
- To have knowledge of important terms related to Intellectual Property Rights (IPR).
- To understand the method of identifying the invention, its title and detailing.
- To develop the methodology of searching the disclosure.

Entries and Participation

Cummins College of Engineering had strived day and night to make ISTE approved One Week Online Faculty Development Program on “**Intellectual Property Rights**” a grand success. The Campaigning team includes all teaching and non-teaching faculty visited various colleges for the promotion of the event. Some of the colleges were JD College, Rasoni College of Engineering, VNIT, SB JAIN, Palloti College and many more. The team had managed to bring 550+ entries for the event. It includes stake holders from Industry, Research Scholars and Academician not only from Engineering but also from nursing colleges.



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**ISTE approved FDP on Intellectual Property Rights (IPR)
Program Schedule**

DAY 1				
Date	10:00am to 10:30 am	10:30 am to 11:00 am	Session 1 (12 noon to 1:30 pm)	Session 2 (2:30 pm to 4:00 pm)
07/03/2022 Monday	Inauguration & Keynote Address Mr. Nitin Gujarathi Proprietor Renukiyam eSols, Nagpur	Address By Dr. B. P. Joshi Principal, CCOEW, Nagpur	Patent Overview of IP Mr. Tushar Kanikdale Technical Project Leader, Cummins Technical Center India Pvt. Ltd	Industry Institution Collaboration for Commercialization of Technology Dr. Ushoshi Guha IPR Attorney, Govt. of India
DAY 2				
Date	Session 1 (10:30 am to 12:30 pm)		Session 2 (1:30 pm to 3:30 pm)	
08/03/2022 Tuesday	Enhancing Area for Innovation and Patent Dr. Sandip Khedkar Associate Professor, YCCE, Nagpur		Project Based Innovation and Incubation Dr. Sandip Khedkar Associate Professor, YCCE, Nagpur	
DAY 3				
Date	Session 1 (10:30 am to 12:30 pm)		Session 2 (1:30 pm to 3:30 pm)	
09/03/2022 Wednesday	Claim Drafting Mrs. Vaishanvi Holkar, IP Analyst II Honeywell Technology Solutions, Bangalore		Copy Rights and Trademarks Prof. Pritam Kudale Guru-Govind Singh College of Engg & Research Center, Nashik	



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Program Schedule

DAY 4			
Session 1 (10:30 am to 12:30 pm)		Session 2 (1:30 pm to 3:30 pm)	
10/03/2022 Thursday	Awareness on Intellectual Property Rights under National IPR Awareness Mission (NIPAM) Mr. Arpit Jain Examiner of Patents & Designs, Patent Office, Mumbai	Design Patent Case Study Dr. Shailesh Khakale Assistant Professor, CCOEW, Nagpur	
DAY 5			
Date	Session 1 (10:30 am to 12:30 pm)	Session 2 (1:30 pm to 3:30 pm)	
11/03/2022 Friday	Patent Search and Analytics Dr. Nilesh Awate Assistant Professor, GHRCE, Nagpur	Patent Filing Procedure, Forms and Fees Dr. Priti Gosavi Ex-Chief Mentor, Innovation Hub, Raman Science Center, Nagpur	
DAY 6			
Date	Session 1 (10:30 am to 12:30 pm)	(1:00 pm to 2:30 pm)	3:00 pm
12/03/2022 Saturday	Patent Law- section 3 Mrs. Maya Nair Register Patent Agent, Delhi	Proctored Examination	Valedictory Function Dr. B. P. Joshi Principal, CCOEW, Nagpur



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**On
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7th-12th March 2022**

**Organized by
Department of Mechanical Engineering
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Glimpses of Speakers for FDP

SPEAKERS FOR FDP



Mr. Nitin Gujarathi
Proprietor Renukiyam eSols, Nagpur



Mr. Tushar S Kanikdale
Technical Project Leader
Cummins Technologies India Pvt. Ltd.



Dr. Ushoshi Guha
IPR Attorney, Govt of India



Dr. Sandip Khedkar
Associate Professor, YCCE, Nagpur



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Mrs. Vaishanvi Holkar,
IP Analyst II
Honeywell Technology Solutions, Bangalore



Prof. Pritam Kudale
Guru-Govind Singh College of Engg &
Research Center, Nashik



Mr. Arpit Jain
Examiner of Patents & Designs,
Patent Office, Mumbai



Dr. Shailesh Khekale
Assistant Professor, CCOEW, Nagpur



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Dr. Nilesh Awate
Associate Professor, GHRCE, Nagpur



Dr. Priti Gosavi
Ex-Chief Mentor, Innovation Hub,
Raman Science Center, Nagpur



Mrs. Maya Nair
Register Patent Agent, Nagpur



Dr. Bharatbhushan Joshi
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Day-1 (07 March, 2022)

Inauguration & Keynote Address

In the inaugural session, Dr. B. Joshi, Principal, CCOEW, Nagpur welcomed the chief guest and all the participants. Dr. M. Shukla, Convener of the FDP gave opening remarks on the theme of the FDP followed by the inaugural lecture by Mr. Nitin Gujarathi, who gave a brief introduction on IPR and also discussed the concept of creative: innovative India. He talked about the idea of their IPR management and its uses as a business strategy and successful entrepreneurship.



FDP on IPR _ opening remarks for IPR FDP by Dr. M. Shukla (Convener) (07-03-22)



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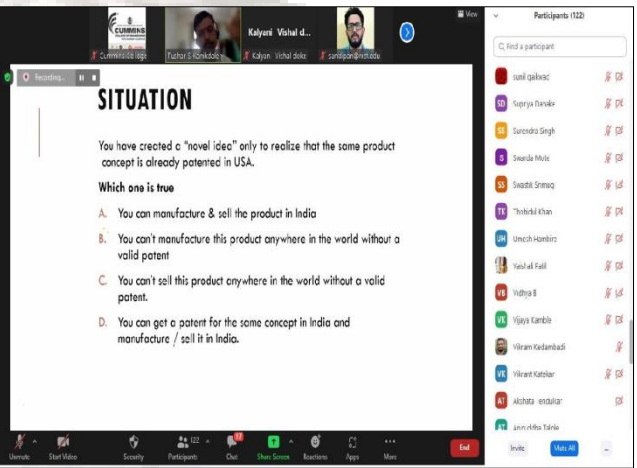
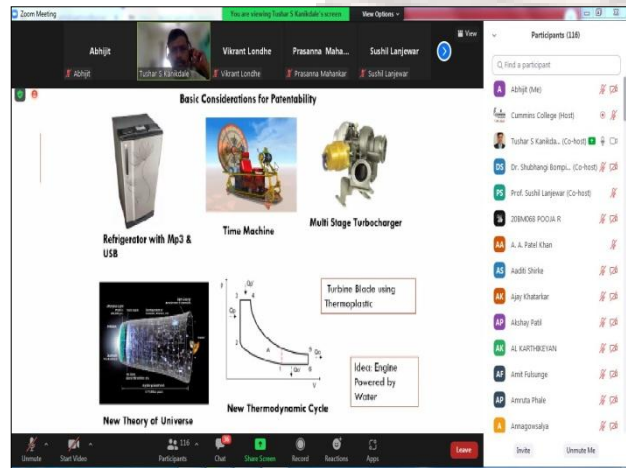
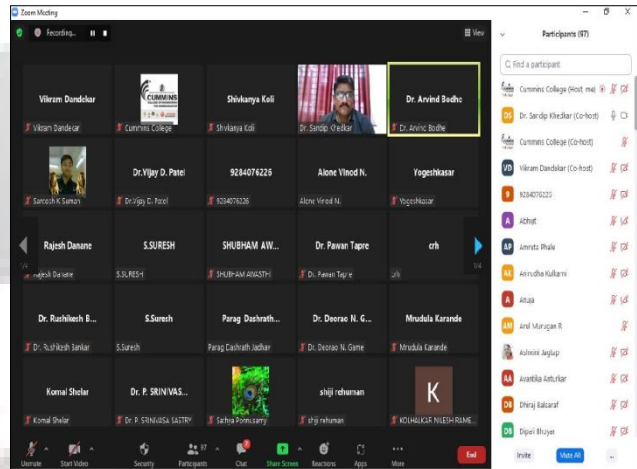
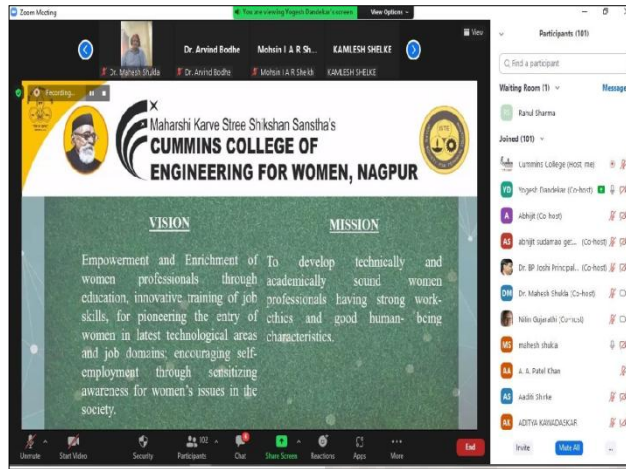
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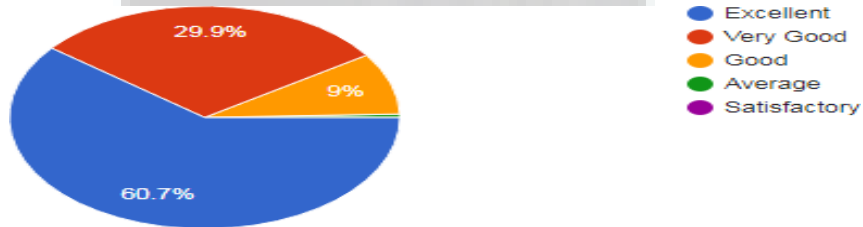
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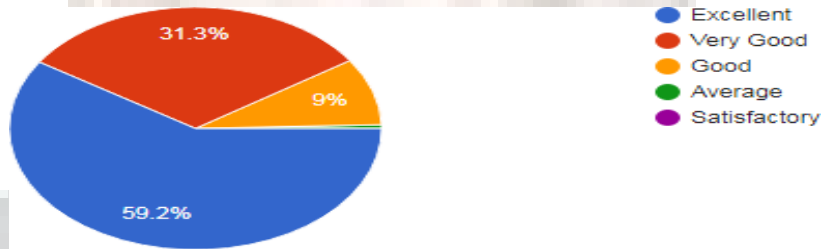


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Feedback from the Participants

How would you rate presentation skills and content delivered by resource person?



How far you did the session content meet your expectation?



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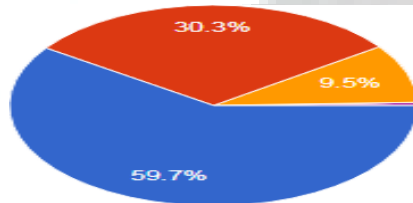
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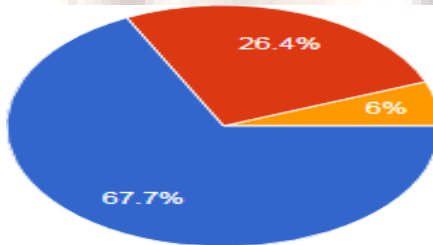
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How far the session was clear and easy to understand?



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- Good
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How would you rate this session?



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- Good
- Average
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Purchase Order No.32, Date : 05-04-2022

To,
Vintech Electronic Systems Pvt. Ltd.
Address :- A1-A2 " Ushahkal"
Deep Bunglow chowk, model colony, Pune

Dear Sir / Madam,

Ref . email of MKSSS Central purchase committee dated 30-03-2022

We have pleasure in placing with you our order for the following:-

Sl. No.	Quantity Ordered	Unit Of Measurement (UOM)	Description and specification of items	Rate per Unit.	Amount in Rs.
1	30	Nos.	HP ProDesk 400 G7 Microtower, Intel core i7 10700 8C 65 W CPU 8 GB (1x8 GB), DDR4 2666 DIMM Memory 512 GB, M.2 2280 PCIe NVMe Solid State Drive, Windows 11 Home 64 Single Language Intel Wi-Fi 6 AX201 ax 2x2 non-vPro + Bluetooth, 5WW Q series chipset available HP USB, 320K Keyboard HP Wired 320M Mouse 3 yrs onsite warranty, HP P22 21.5" FHD Monitor with VGA & HDMI Ports, MKSSS image branding is available	58,400	17,52,000
				Total :	17,52,000
				SGST 09.00	1,57,680
				CGST 09.00	1,57,680
				IGST 0.00	---
				Total :	20,67,360

(In words rupees Twenty lac sixty seven thousand three hundred & sixty only)

Taxes & Statutory duties: (please put ✓ mark) to the clause applicable :

i) Price including all taxes ✓ a) Transportation charges : Inclusive b) Insurance : N.A.

a) TDS will be deducted wherever applicable

b) Mention our GST no. 27AAATM1969L174 on your invoice

c) Billing Address : MKSSS's Cummins College of Engineering for Women, Hingna, Nagpur - 441110

d) Payment Terms : 100% Payment will be made only after the satisfactory receipt of material in good & working condition & as per our specification.

Counter Signature :- Prof. Sharayu Deote

Assistant Administrative Officer

Principal

1) Please note the terms & conditions of Purchase printed over leaf/OR on 2nd page and strictly adhere to the same.
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2. **Advance payment against Proforma Bill :** Payment against proforma bills/invoice the same should be released on full compliance of Purchase order and satisfactory installation of the product wherever necessary. Final bill/ Invoice with Challan/money receipt etc. to be furnished after delivery of goods for which payments are received against Proforma Invoice.

3. **Billing instruction :** Please raise your Bill/invoice in favour of the unit raising Purchase order in duplicate and submit it to official placing this purchase order enclosing a copy of your delivery challan duly signed by the receipt of goods/ service.

4. The price of any item mentioned in this order should not exceed the accepted price. The quantity /no. of item may vary in the order without any change in the accepted price.

5. Failure to comply with specifications, terms and conditions of this order, or accepted delivery schedule shall be sufficient grounds for cancellation of order by purchaser without being liable for paying any compensation to the supplier. In case of delay in supply, liquidated damage at the rate of 0.5% on value of the purchase order per week, or part thereof, will be recovered

6. In case of import the following documents are to be furnished :

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- Packing list (with cost) /Post parcel wrapper (with cost) wherever applicable;
- Certificate of Country Origin;
- Insurance Certificate;
- Railway receipt (in case of domestic suppliers) Consignment note;
- Manufacturer's certificate;
- Bill of ship loading/Airway Bill;
- Any other document(s)



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Procurement of Computers by HCL Foundation (Donation slip)
Amount:Rs. 2000000/-

	MAHARSHI KARVE STREE SHIKSHAN SAMSTHA Karvenagar, Pune : - 411052 Tel : 020 - 25313000, 25313200 Fax : 020 - 25313300 Donations are exempted U/S 80 G of the Income Tax Act 1961. Unique Registration Number : AAATM1969LF20068 Date of Approval : 24.09.2021 and Valid till : AY 2022-23 TO AY 2026-27 MKSSS CSR Registration No.CSR00003823 (Under Government of India Ministry of Corporate Affairs) Samstha PAN :AAATM1969L
R. No. : BR\378	Date : 4-Jul-22
Received with thanks from M/s. / Shri. / Smt. <u>HCL Foundation</u>	
<u>806, Siddhartha, 96 Nehru Place,</u>	
<u>New Delhi 110019</u>	
PAN: <u>AAATH9728C</u> through :	
Telephone / Mobile / E-mail : / _____	
towards : R.No.0378 - RTGS Cr-KKBKR22022070404254292-KKBK0000958-HCL FOUNDATION-null - HCL Foundation, New Delhi. Donation received is to be utilized for _____	
In cash / M.O. / Cheque / Draft No. : <u>RTGS Cr-KKBKR22022070404254292</u>	Dated : <u>4-7-2022</u>
Drawn On : _____	
₹ 20,00,000.00	
In Words :- INR Twenty Lakh only _____	
This Receipt is valid subject to realisation of the cheque	Secretary
* Email : accounts@maharshikarve.org	* Website : www.maharshikarve.ac.in
This is a Computer Generated Receipt.	



KaMilind
Dr. Milind Khanapurkar
Principal
Maharshi Karve Stree Shikshan Samstha's
Cummins College of Engineering for Women
Hingna, Nagpur-441118.

■ Tel. No. : 9657667030 ■ E-mail : office@cumminscollege.edu.in,
■ website : www.cumminscollege.edu.in

Mouje Sukli (Gupchup), Hingna, Nagpur-441110





Maharshi Karve Stree Shikshan Samstha's
**Cummins College of Engineering
for Women**

Sharpening Engineering Acumen with a difference
NAAC Accredited



Approved by AICTE, New Delhi & DTE, Mumbai
Affiliated to Rashtrasant Tukadoji Maharaj Nagpur University

Department of Computer Engineering
Artificial Intelligence & Machine Learning Lab

Supported by a generous grant from HCL, our Artificial Intelligence & Machine Learning Lab stands as a beacon of innovation and discovery within our institution. This state-of-the-art facility harnesses the power of Artificial Intelligence (AI) and Machine Learning (ML) to push the boundaries of research and technology.

HCL's investment has empowered us to equip our lab with cutting-edge infrastructure, enabling our researchers and students to delve into the realms of AI and ML with unparalleled resources. This collaboration cultivates an environment where theoretical knowledge converges with practical application, fostering ground-breaking solutions to complex challenges across diverse sectors. More than a mere financial contribution, HCL's partnership facilitates a dynamic exchange between industry experts and academic scholars. This synergy catalyses collaborative projects that transcend conventional boundaries, empowering us to explore new frontiers and develop transformative innovations. Our AI & ML Lab, supported by HCL's vision, serves as a nurturing ground for the next generation of AI and ML pioneers. It not only fosters ground-breaking research but also provides students with invaluable hands-on experience, equipping them with the skills needed to thrive in an AI-driven world.

In essence, HCL's support has not just funded a laboratory; it has ignited a spark of innovation that will continue to illuminate our journey towards a future powered by AI and ML, shaping the landscape of technology and knowledge.

The Lab has 25 PCs and 2 Servers funded by HCL of Rs. 19,58,550.



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Artificial Intelligence & Machine Learning Lab



GPS Map Camera



Sukali, Maharashtra, India
Cummins College of Engineering for Women, Sukali, Maharashtra 441110, India
Lat 21.067264°
Long 78.98105°
01/12/23 09:11 AM India Standard Time



GPS Map Camera



Sukali, Maharashtra, India
Cummins College of Engineering for Women, Sukali, Maharashtra 441110, India
Lat 21.067264°
Long 78.98105°
01/12/23 09:11 AM India Standard Time

Bangwani
Prof. Pinky Gangwani

Deote
Prof. Sharayu Deote



Kamind
Dr. Milind Khanapurkar
Principal
Maharshi Karve Stree Shikshan Samstha's
Cummins College of Engineering for Women
Hingna, Nagpur-441110.

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website : www.cumminscollege.edu.in

Mouje Sukli (Gupchup), Hingna, Nagpur-441110





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3 Cylinder 4 Stroke Petrol Engine

Set up is used to study about 4 stroke petrol engine. A machine or device which derives heat from the combustion of fuel and converts part of this energy into mechanical work is called a heat engine. Heat engines are broadly classified into internal combustion engines [I.C.engines] and external combustion engines. Petrol and diesel engines fall under the category of internal combustion engines as these are reciprocating heat engines in which fuel mixed with correct amount of air is burnt inside a cylinder. The gaseous products of combustion form the working substance which make the piston move and produce mechanical work at the engine crankshaft. In contrast, the combustion of fuel in external combustion engines (ex. Steam engines) is external.



Kaivalya

Dr. Milind Khanapurkar
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Mouje Sukli (Gupchup), Hingna, Nagpur-441110





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**MATLAB funded by CIL on October 2022
Purchase Order
Amount:Rs.484474/-**



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Mouje Sukli (Gupchup), Hingna, Nagpur-441110

Approved by AICTE, New Delhi & DTE, Mumbai
Affiliated to Reshtrasant Tukadoji Maharaj Nagpur University

“शीलं परं भूषणम्”



Purchase Order No. 82, Date : 29-11-2022

To,
Design Tech Systems Pvt. Ltd.
Address :- 6, Commerce Centre,
Rambaug colony, Paud road, Pune

Contact – 9325409700
Dear Sir / Madam,

Ref. Your quotation no. DT/CCOEW/2022/0228, dated 20-10-2022

We have pleasure in placing with you our order for the following:-

Sl. No.	Quantity Ordered	Unit Of Measurement (UOM)	Description and specification of items	Rate per Unit.	Amount in Rs.
1	---	Nos.	MATLAB Campus wide suite includes 1. Full Suite 2. MATLAB Academic online training suite 3. MATLAB Grader (Unlimited for all students & faculties) As per appendix mentioned in your quotation	----	4,10,571
				Total :	4,10,571
				SGST	09.00
				CGST	09.00
				IGST	0.00
				Total :	4,84,474

(In words rupees Four lac eighty four thousand four hundred seventy four only)

Taxes & Statutory duties: (please put v mark) to the clause applicable :

- i) Price including all taxes a) Transportation charges : N.A. b) Insurance : N.A.
a) Purchase order automatically stands cancelled, if the said material is not delivered within 30 days of purchase order
b) If the material / equipment is not found as per the purchase order specification or if material / equipment is not in good condition, material will not be approved & no payment will be done.
c) TDS will be deducted wherever applicable.
b) Mention our GST no. 27AAA TM1969LIZ4 on your invoice
c) Billing Address : MKSSS's Cummins College of Engineering for Women, Hingna, Nagpur - 441110
d) Provide the training to faculties
e) Payment Terms : Payment will be made only after the satisfactory installation of software & software runs properly

Counter Signature :- Pallavi Ganorkar - *Pallavi Ganorkar*

Pallavi Ganorkar
Asst. Administrative Officer

GK
Officiating Principal

Pallavi Ganorkar
L.M.C Member

- 1) Please note the terms & conditions of Purchase printed over leaf/OR on 2nd page and strictly adhere to the same.
2) The purchase order to be drawn in triplicate. Original to be issued to the supplier, the second copy to be sent to the Purchase Committee and third copy to be retained in Office File.

Tel. No. : 9657667030
E-mail : office@cumminscollege.edu.in,
Website : www.cumminscollege.edu.in



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Dr. Milind Khanapurkar
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Bank Payment Voucher for MATLAB funded by CIL


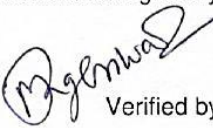
Cummins College of Engineering, Nagpur No.89
Bank Payment Voucher

No. : 391 Dated : 29-Dec-22

Through : Axis SB A/c No.31194

Particulars	Amount
Account :	
Software Expenses	1,61,491.00
Prepaid Expenses	3,22,983.00
On Account of :	
Being paid to DesignTech Systems Pvt. Ltd. towards purchase of Matlab Software for the period 01.12.2022 to 30.11.2022. Paid against bill no. 50303 dt. 10.12.2022.	
Amount (in words) :	
INR Four Lakh Eighty Four Thousand Four Hundred Seventy Four Only	
	₹ 4,84,474.00

Receiver's Signature: 
Checked by

Authorised Signatory 
Verified by 



Kindred
Dr. Milind Khanapurkar
Principal
Maharshi Karve Stree Shikshan Samstha's
Cummins College of Engineering for Women
Hingna, Nagpur-441118.

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Tax Invoice for MATLAB funded by CIL

DesignTech Systems Pvt. Ltd.
DesignTech Systems Limited
Dyananda,
Bhugaon, Tal. Mutshi,
Nagpur - 412 115 (Maharashtra).

Pune : +91 - 20 - 4131 1200 / 1201
info@designtechsys.com
www.designtechsys.com
CIN-U72200MH1998PTC113636

DesignTech
Tech

Tax Invoice

Consigner Details		Date of Supply : 10/12/2022		Invoice No. : MH/2223/50303									
GSTIN : 27AABCD2335F122		Time of Supply : 11:07		Invoice Date : 10/12/2022									
PAN : AABCD2335F		Place of Supply/Delivery : Maharashtra		Customer Order No. : PO.No.82 Dated.29.11.2022									
				E-Way Bill No. :									
				E-Way Bill Date :									
				IRN No. : 06acb91fb8b37a3fbc715866efc420e8132df14ae872a9bd9ebb513b6b285e1									
Details of Receiver (Billed To)			Details of Consignee (Shipped To)										
Customer Code : CD4624			Name : MKSSS's Cummins College of Engineering for Women, Nagpur										
Name : MKSSS's Cummins College of Engineering for Women, Nagpur			Name : MKSSS's Cummins College of Engineering for Women, Nagpur										
Tal:Hingna Mouje Sukali(Gupchup)			Tal:Hingna Mouje Sukali(Gupchup)										
Nagpur - 441110			Nagpur - 441110										
INDIA			INDIA										
State : Maharashtra			State : Maharashtra										
State Code : 27			State Code : 27										
GSTIN No. : 27AAATM1969L124			GSTIN No. : 27AAATM1969L124										
Pan No. : AAATM1969L			Pan No. : AAATM1969L										
Our Bankers :													
Bank Name : HDFC Bank Ltd.													
Branch Address : Ground Floor Showroom No.1, Konark Indrayu Mall, Kondhwa Khurd, Pune, Maharashtra- 411048													
A/c No. : 59217000171717													
IFSC : HDFC000029													
S.No.	Part Code	Description of Goods	HSN/SA C Code	Qty	Rate	Amount	Disc.	Taxable Value	CGST Rate %	CGST Amount	SGST Rate %	SGST Amount	Total (INR)
1		MW-Campus Wide Suite (CWS) Suite (CWS)-R Renewal	998319	1.00	410571.00	410,571.00		410,571.00	9.0	36,951.39	9.0	36,951.39	484,473.78
Total						410,571.00		410,571.00		36,951.39		36,951.39	
												Total Amount Before Tax	410571.00
												CGST @ 9.000%	36,951.39
												SGST @ 9.000%	36,951.39
												Total Amount After Tax	484473.00

Total Invoice Value (In Words) : Rupees Four Lakhs Eighty-Four Thousand Four Hundred Seventy-Four Only
Remarks : Includes MAOTS and Matlab Grader Master License No. 31458701 License 40887933 Academic | Total Heas Count | Annual

Declaration :
With reference to CBDT notification No. 21/2012 Dated. 13.06.2012 we hereby declare that the software items mentioned in the invoice are sold Without any modification by us. Designtech Systems Private Limited, has already deducted TDS/ Withholding Tax u/s 194I of the Income Tax Act, 1961 on the payment against the previous transfer of such Software

M.K.S.S.S. Nagpur

Unit Name: Unit

Invoice No: 134

Date: 28/12/22

OUR PAN No. ID : AABCD2335F

DesignTech Systems Pvt. Ltd.
Bhugaon
412115

Verdue interest @ 18% will be charged if payment is not received before due date
certified that the Particulars given above are true and correct and the amount indicated
DesignTech Systems Pvt. Ltd.
For DesignTech Systems Private Limited

Electronic Reference Number: Invoice Generated By : Dattatray
Head Office - B. Commerce Centre, Rambaua Colony, Paud Road, Pune - 411 038 (Maharashtra), India. Tel: +91 - 20 - 4131 1200 / 1201 Page 1 of 1



Dr. Milind Khanapurkar
Principal
Maharshi Karve Stree Shikshan Samstha's
Cummins College of Engineering for Women
Hingna, Nagpur-441110.

Tel. No. : 9657667030 E-mail : office@cumminscollege.edu.in,
website : www.cumminscollege.edu.in

Mouje Sukli (Gupchup), Hingna, Nagpur-441110





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Affiliated to Rashtrasant Tukadoji Maharaj Nagpur University

Desk Top Trainer Robot funded by CIL on August 2022
Amount:Rs.123522/-



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Mouje Sukli (Gupchup), Hingna, Nagpur-441110

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Affiliated to Reshrasant Tukdoji Maharaj Nagpur University



Purchase Order No.59, Date : 17-08-2022

To,
Integrity Robotics Solutions Pvt. Ltd.
Address :- C44, MIDC, Butibori,
Nagpur - 441122

Contact – 9689885327
Dear Sir / Madam,

We have pleasure in placing with you our order for the following:-

Sl. No.	Quantity Ordered	Unit Of Measurement	Description and specification of items	Rate per Unit.	Amount in Rs.
1	01	Nos.	Desktop Trainer Robot – Dobot Magician Robotic Arm with Power supply with following accessories 1) End effectors : Suction gripper, 2-finger gripper, laser scriber, pen holder, 3D printing, 2) Peripherals : Air pump, joystick, leveling pool, 3) Connectivity : wifi, Bluetooth, USB, 4) Software : Dobot Studio, ReplitHost, API & SDK, demonstration codes.	----	1,04,680
Total					1,04,680
SGST				09.00	9,421.20
CGST				09.00	9,421.20
Total :					1,23,522

(In words rupees One lac twenty three thousand five hundred twenty two only)

Taxes & Statutory duties: (please put ✓ mark) to the clause applicable :

- i) Price including all taxes ✓ a) Transportation charges : N.A. b) Insurance : N.A.
a) TDS will be deducted wherever applicable
b) Mention our GST no. 27AAATM1969LIZ4 on your invoice
c) Warranty 1 Year
d) Billing Address : MKSSS's Cummins College of Engineering for Women, Nagpur – 441110
e) Payment Terms : 100% Payment will be made only after satisfactory receipt , installation and training.

Counter Signature :- Prof. Sushil Lanjewar -

Assistant Administrative Officer

Principal

- 1) Please note the terms & conditions of Purchase printed over leaf/OR on 2nd page and strictly adhere to the same.
2) The purchase order to be drawn in triplicate. Original to be issued to the supplier, the second copy to be sent to the Purchase Committee and third copy to be retained in Office File.

Tel. No. : 9657667030
E-mail : office@cumminscollege.edu.in
Website : www.cumminscollege.edu.in



Kindly

Dr. Milind Khanapurkar
Principal
Maharshi Karve Stree Shikshan Samstha's
Cummins College of Engineering for Women
Hingna, Nagpur-441110.

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Terms & conditions of purchase :

1) Mode of payment :

- Payments will usually be made in A/c Payee Cheque drawn on Bank or by RTGS after successful compliance of this purchase order.
- Deduction on account of Income GST, Sales Tax/Vat will be made wherever applicable as per statute

2. Advance payment against Proforma Bill : Payment against proforma bills/invoice the same should be released on full compliance of Purchase order and satisfactory installation of the product wherever necessary. Final bill/ Invoice with Challan/money receipt etc. to be furnished after delivery of goods for which payments are received against Proforma Invoice.

3. Billing instruction : Please raise your Bill/invoice in favour of the unit raising Purchase order in duplicate and submit it to official placing this purchase order enclosing a copy of your delivery challan duly signed by the receipt of goods/ service.

4. The price of any item mentioned in this order should not exceed the accepted price. The quantity /no. of item may vary in the order without any change in the accepted price.

5. Failure to comply with specifications, terms and conditions of this order, or accepted delivery schedule shall be sufficient grounds for cancellation of order by purchaser without being liable for paying any compensation to the supplier. In case of delay in supply, liquidated damage at the rate of 0.5% on value of the purchase order per week, or part thereof, will be recovered

6. In case of import the following documents are to be furnished :

- Supplier's Invoice indicating, inter alia description and specification of the goods, quantity, unit price, total value, date of delivery;
- Packing list (with cost) /Post parcel wrapper (with cost) wherever applicable;
- Certificate of Country Origin;
- Insurance Certificate;
- Railway receipt (in case of domestic suppliers) Consignment note;
- Manufacturer's certificate;
- Bill of ship loading/Airway Bill;
- Any other document(s)



Kmkind
Dr. Milind Khanapurkar
Principal
Maharshi Karve Stree Shikshan Samstha's
Cummins College of Engineering for Women
Hingna, Nagpur-441110.

■ Tel. No. : 9657667030 ■ E-mail : office@cumminscollge.edu.in,
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Mouje Sukli (Gupchup), Hingna, Nagpur-441110





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Affiliated to Rashtrasant Tukadoji Maharaj Nagpur University

**Lab View Software
Tax Invoice
Amount: Rs.824947**

NATIONAL INSTRUMENTS

TAX INVOICE

For Recipient Duplicate for Transporter Triplicate For Supplier

NI SYSTEMS INDIA PVT. LTD.
81/1 & 82/1, Salarpuria Softzone, Wing B,
5th Floor, Block A, Bellandur, Varthur Hobli
Bangalore Karnataka, India 560 103
Tel: +91/80 4119 0000
Fax: +91/80 4119 0010
E-mail: ni.india@ni.com
Website: ni.com

INVOICE NO. 18-19/3517
ACCOUNT NO. 3751016
NI ORDER NO. 86618

INVOICE DATE. 25/03/2019
CIN : U72900KA2000PTC026543
GSTIN : 29AABCN1169K1Z9
PAN : AABCN1169K
Payment Term: Net30 from the date of Billing

Package#: 1

Place of Supply: Maharashtra

INVOICE TO:		SHIP TO:	
MKSSS's Cummins College of Engineering for Women		MKSSS's Cummins College of Engineering for Women	
Jaya Raut Assistant Professor Electronics & Telecommunication Engineering Mouje Sukli (Gupchup) Hingna Nagpur 441110 Maharashtra India GSTIN: 27AAATM1969L1Z4 PAN: AAATM1969L		Jaya Raut Assistant Professor Electronics & Telecommunication Engineering Mouje Sukli (Gupchup) Hingna Nagpur 441110 Maharashtra India GSTIN: 27AAATM1969L1Z4 PAN: AAATM1969L	

PO No.	Carrier	Destination
CCOEW/NGP/PO/34/2019	DHL	Nagpur

Sl. No.	Qty	UOM	Description	Unit Price	Total Value	Discount Value	Taxable Value	IGST Rate	IGST Amount	Total Value (Incl. Tax)
784215-0505 (HSN: 85238 020)	1	EA	NI Academic Site License - LabVIEW Research Only (5 User)	504,210.00	504,210.00	10,084.20	494,125.80	18.00%	88,942.64	583,068.44
785578-01 (HSN: 90230 090)	1	EA	ASL 1 Seat(s) NOT CONCURRENT 1 Year(s) Academic Site License Research Standard Service Program	227,010.00	227,010.00	4,540.20	222,469.80	18.00%	40,044.56	262,514.36
786520-01 (HSN: 90309 090)	1	EA	NI ELVIS III Cables and Probes	20,370.00	20,370.00	407.40	19,962.60	18.00%	3,593.27	23,555.87
786746-01 (HSN: 85444 299)	1	EA	NI ELVIS III Power Cord - Europe	420.00	420.00	8.40	411.60	18.00%	74.09	485.69
786317-01 (HSN: 85044 390)	1	EA	NI ELVIS III Power Supply (no cord)	4,095.00	4,095.00	81.90	4,013.10	18.00%	722.36	4,735.46



Kamling
Dr. Milind Khanapurkar
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Mouje Sukli (Gupchup), Hingna, Nagpur-441110





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Affiliated to Rashtrasant Tukadoji Maharaj Nagpur University



**Lab View Software
Bank Payment Voucher
Amount: Rs.824947**

महर्षी कर्वे स्त्री शिक्षण संस्थेचे
कमिन्स अभियांत्रिकी महिला महाविद्यालय
हिंगणा नागपूर

कार्यालयीन टीप

Cummins College of Engineering, Nagpur No.89
Nagpur

Bank Payment Voucher

No. : 169 Dated : 17-Jul-2019

Particulars	Amount
Account : Software Expenses	5,83,068.00
Electronics Lab Equipments (SD)	✓ 2,91,292.00
Less : TDS on Professional Fees	(-)49,413.00

Through :
Axis SB A/c No.31194

On Account of :
Being paid to N I Systems India Pvt. Ltd. towards purchase of Lab view software & NI ELVIS iii hardware for ETC Deptt. Paid against bill no. 3517 dt. 25.03.19. TDS deducted Rs. 49413/- cn Rs. 494126/- @ 10%. GST No. 29AABCN1159K1Z9

Amount (in words) :
INR Eight Lakh Twenty Four Thousand Nine Hundred Forty Seven Only

₹ 8,24,947.00

Receiver's Signature: [Signature]
Checked by [Signature]

Authorised Signatory [Signature]
Verified by [Signature]

डॉ. मञ्जुमूर्धन जोशी
प्राचार्य



Kind
Dr. Milind Khanapurkar
Principal
Maharshi Karve Stree Shikshan Samstha's
Cummins College of Engineering for Women
Hingna, Nagpur-441118.

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3 D PRINTER FUNDED BY CIL

Unit/Division : MKSSSS'S Cummins College of Engineering for Women, Nagpur
Telephone No. : 9657667030
Purchase Order No. 04, Date : 14-01-2020

aha 3D Innovations Private Limited
Address : 166, Janakpuri II Imly Phatak, Jaipur - 302015
Contact No : 8003944400, 8094319525, 9929904445

Dear Sir / Madam,
Ref. Your Quotation dated 05-11-2019

We have pleasure in placing with you our order for the following:-

Sl. No.	Quantity Ordered	Unit Of Measurement	Description and specification of items	Rate per Unit.	Amount in Rs.
1	1	Nos.	PhotoCentre 999 Dual Extruder 3D Printer, Machine maintenance accessories kit, starter materials kit	134000	134000
			Packaging & Shipping Charges	5000	5000
			Installation & Commissioning and Two days Training Charges	5000	5000
			Total		144,000.00
			SGST	0.00	0.00
			CGST	0.00	0.00
			IGST	18.00	25,920.00
			(In words rupees One lac sixty nine thousand nine hundred & twenty only)	Total :	169,920.00

Taxes & Statutory duties: (please put ✓ mark) to the clause applicable :

i) Price including all taxes ✓ a) Transportation charges : Inclusive b) Insurance charges : N.A.

ii) Price is exclusive of tax ×

iii) or any other

a) Delivery within 3 Weeks of P.O.

b) Warranty : 1 Year from the date of Dispatch / Commissioning

c) Mention our GST no. 27AAATM1969LIZ4 on your invoice

d) TDS will be deducted wherever applicable

e) Billing Address : Cummins College of Engineering for Women, Mouje Sukali, Taluka Hingna, Nagpur - 441110

f) Payment Terms : 100% payment will be made against delivery & installation & commissioning

Counter Signature : Prof. Sushil Lanjewar

Administrative Officer: [Signature]
Principal: [Signature]
Chairman: [Signature]

Administrative Officer
Maharshi Karve Stree Shikshan Samstha's
Cummins College of Engineering for Women
Hingna, Nagpur - 441110

Dr. B. P. Joshi
(Principal)
MKSSSS'S, Cummins College of Engg. for Women
Hingna, Nagpur-441110

Chairman
Maharshi Karve Stree Shikshan Samstha
Nagpur-Prakalp

1) Please note the terms & conditions of Purchase printed over leaf/OR on 2nd page and strictly adhere to the same.
2) The purchase order to be drawn in triplicate. Original to be issued to the supplier, the second copy to be sent to the Purchase Committee and third copy to be retained in Office File.



Kaivalya
Dr. Milind Khanapurkar
Principal
Maharshi Karve Stree Shikshan Samstha's
Cummins College of Engineering for Women
Hingna, Nagpur-441110.

■ Tel. No. : 9657667030 ■ E-mail : office@cumminscollege.edu.in,
■ website : www.cumminscollege.edu.in

Mouje Sukli (Gupchup), Hingna, Nagpur-441110





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Terms & conditions of purchase :

1. Mode of payment :

- Payments will usually be made in A/c Payee Cheque drawn on Bank or by RTGS after successful compliance of this purchase order.
- Deduction on account of Income GST, Sales Tax/Vat will be made wherever applicable as per statute

2. Advance payment against Proforma Bill : Payment against proforma bills/invoice the same should be released on full compliance of Purchase order and satisfactory product wherever necessary. Final bill/ Invoice with Challan/money receipt etc. to be furnished installation of the after delivery of goods for which payments are received against Proforma Invoice.

3. Billing instruction : Please raise your Bill/invoice in favour of the unit raising Purchase order in duplicate and submit it to official placing this purchase order enclosing a copy of your delivery challan duly signed by the receipt of goods/ service.

4. The price of any item mentioned in this order should not exceed the accepted price. The quantity /no. of item may vary in the order without any change in the accepted price.

5. Failure to comply with specifications, terms and conditions of this order, or accepted delivery schedule shall be sufficient grounds for cancellation of order by purchaser without being liable for paying any compensation to the supplier. In case of delay in supply, liquidated damage at the rate of 0.5% on value of the purchase order per week, or part thereof, will be recovered

6. In case of import the following documents are to be furnished :

- Supplier's Invoice indicating, inter alia description and specification of the goods, quantity, unit price, total value, date of delivery;
- Packing list (with cost) /Post parcel wrapper (with cost) wherever applicable;
- Certificate of Country Origin;
- Insurance Certificate;
- Railway receipt (in case of domestic suppliers) Consignment note;
- Manufacturer's certificate;
- Bill of ship loading/Airway Bill;
- Any other document(s)



K. Milind

Dr. Milind Khanapurkar
Principal

Maharshi Karve Stree Shikshan Samstha's
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MATLAB Campus wide funded by CIL

Unit/Division : MKSS'S Cummins College of Engineering for Women, Nagpur
Telephone No. : 9657667030
Purchase Order No. 75, Date : 14-11-2019

DesignTech Systems Ltd.
Address : 6, Commerce Centre, Rambaug colony, Paud road, Pune - 411 038
Contact No : 9890220873

Dear Sir,
Ref. Your Quotation No DSL/TMW/PUN/2019/9069, Date : 11-11-2019

We have pleasure in placing with you our order for the following:-

Sl. No.	Quantity Ordered	Unit Of Measurement (UOM)	Description and specification of items	Rate per Unit.	Rs.
1	1	Pkg. (Unlimited)	Campus wide license MATLAB total (91 toolboxes) As per enclosed list		388,571.00
			MAT Lab Academic online training suit (MAOTS)		22,000.00
			Total		410,571.00
			SGST	9.00	36,951.39
			CGST	9.00	36,951.39
			IGST		0.00
			(in words rupees Four lac eighty four thousand four hundred & seventy four only)	Total :	484,474

Taxes & Statutory duties: (please put ✓ mark) to the clause applicable :

i) Price including all taxes ✓ a) with ✓ / without transportation and b) with/without ✓ insurance
ii) Price is exclusive of tax and following additional amount to be paid on taxes and statutory dues;
(as stated above) ✗
iii) or any other

a) The purchase order automatically stands cancelled, if the said material is not delivered within 30 days of purchase order.
b) If the material / equipment is not found as per the purchase order specification or if material / equipment is not in good condition, material will not be approved & no payment will be done.
c) Payment will be made only after the satisfactory installation of software & software runs properly.
d) Mention our GST no. 27AAATM1969L1Z4 on your invoice.
e) TDS will be deducted wherever applicable

Delivery of the goods/materials must be completed within 30 days from the date of issue of the order on or before 15-12-2019. In case of any extension of delivery period, prior approval of the Institute has to be obtained. The goods/materials ordered to be delivered at Cummins College of Engineering for Women, Mouje Sukali, Taluka Hingna, Nagpur - 441110.

.....
Prof. Jaya Gadge, Assistant Professor
Countersignature : Section Officer/ Dealing Assistant

.....
Administrative Officer
Dr. B. P. Joshi (Principal)
Chairman

.....
Chairman
Maharshi Karve Stree Shikshan Samstha
Nagpur-Prakalp

MKSS'S, Cummins College of Engg. for Women
Hingna, Nagpur - 441110



Kinind

Dr. Milind Khanapurkar
Principal
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Cummins College of Engineering for Women
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Mouje Sukli (Gupchup), Hingna, Nagpur-441110





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- 2) The purchase order to be drawn in triplicate. Original to be issued to the supplier, the second copy to be sent to the Purchase Committee and third copy to be retained in Office File.

Terms & conditions of purchase :

1) Mode of payment :

- a) Payments will usually be made in A/c Payee Cheque drawn on Bank or by RTGS after successful compliance of this purchase order.
- b). Deduction on account of Income GST, Sales Tax/Vat will be made wherever applicable as per statute

2. Advance payment against Proforma Bill : Payment against proforma bills/invoice the same should be released on full compliance of Purchase order and satisfactory installation product wherever necessary. Final bill/ Invoice with Challan/money receipt etc. to be furnish after delivery of goods for which payments are received against Proforma Invoice.

3. Billing instruction : Please raise your Bill/invoice in favour of the unit raising Purchase order in duplicate and submit it to official placing this purchase order enclosing a copy of your deliver challan duly signed by the receipt of goods/ service.

4. The price of any item mentioned in this order should not exceed the accepted price. The quantity/no. of item may vary in the order without any change in the accepted price.

5. Failure to comply with specifications, terms and conditions of this order, or accepted delivery schedule shall be sufficient grounds for cancellation of order by purchaser without being liable for paying any compensation to the supplier. In case of delay in supply, liquidated damage at the rate of 0.5% on value of the purchase order per week, or part thereof, will be recovered

6. In case of import the following documents are to be furnished :

- a) Supplier's Invoice indicating, inter alia description and specification of the goods, quantity, unit price, total value, date of delivery;
- b) Packing list (with cost) /Post parcel wrapper (with cost) wherever applicable;
- c) Certificate of Country Origin;
- d) Insurance Certificate;
- e) Railway receipt (in case of domestic suppliers) Consignment note;
- f) Manufacturer's certificate;
- g) Bill of ship loading/Airway Bill;
- h) Any other document(s)



Kvinklind

Dr. Milind Khanapurkar
Principal

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Purchase Order No. 75, Date : 14-11-2019

Campus wide License Full Suite Includes Following Products:

Sr.no.	Products	Sr.no.	Products
1	MATLAB	34	Financial Toolbox
2	Simulink	35	Fixed-Point Designer
3	Bioinformatics Toolbox	36	Fuzzy Logic Toolbox
4	Control System Toolbox	37	Global Optimization Toolbox
5	Curve Fitting Toolbox	38	GPU Coder
6	Data Acquisition Toolbox	39	HDL Coder
7	DSP System Toolbox	40	HDL Verifier
8	Image Processing Toolbox	41	Simulink Requirements
9	Instrument Control Toolbox	42	Simulink Test
10	Optimization Toolbox	43	Image Acquisition Toolbox
11	Parallel Computing Toolbox	44	LTE HDL Toolbox
12	Signal Processing Toolbox	45	LTE Toolbox
13	Simscape Multibody	46	Mapping Toolbox
14	Simscape	47	MATLAB Compiler SDK
15	Simulink Control Design	48	MATLAB Coder
16	Stateflow	49	MATLAB Compiler
17	Statistics and Machine Learning	50	MATLAB Distributing Computing
18	Symbolic Math Toolbox	51	MATLAB Report Generator
19	5G Toolbox	52	Model Predictive Control Toolbox
20	Aerospace Blockset	53	Model-Based Calibration Toolbox
21	Aerospace Toolbox	54	OPC Toolbox
22	Antenna Toolbox	55	Partial Differential Equation
23	Audio System Toolbox	56	Phased Array System Toolbox
24	Automated Driving System	57	Polyspace Bug Finder
25	Communications Toolbox	58	Polyspace Code Prover
26	Computer Vision System Toolbox	59	Powertrain Blockset
27	Database Toolbox	60	Predictive Maintenance Blockset
28	Datafeed Toolbox	61	RF Blockset
29	Deep Learning Toolbox	62	RF Toolbox
30	Econometrics Toolbox	63	Risk Management Toolbox
31	Embedded Coder	64	Robotics System Toolbox
32	Filter Design HDL Coder	65	Robust Control Toolbox
33	Financial Instruments Toolbox	66	Sensor Fusion and Tracking


Prof. Jaya Gadge


A.O.


Principal
Dr. B.P. Joshi
(Principal)

MKSSS's, Cummins College of Engg. for Women
Hingna, Nagpur-441110


Chairman
Maharshi Karve Stree Shikshan Samstha
Nagpur-Prakalp




Principal

Dr. Milind Khanapurkar
Principal
Maharshi Karve Stree Shikshan Samstha's
Cummins College of Engineering for Women
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Purchase Order No. 75, Date : 14-11-2019

Campus wide License Full Suite Includes Following Products:

67	SimBiology	83	Vehicle Dynamics Blockset
68	Simscape Driveline	84	Vehicle Network Toolbox
69	Simscape Electrical	85	Spreadsheet Link
70	SimEvents	86	System Identification Toolbox
71	Simscape Fluids	87	Text Analytics Toolbox
72	Simulink 3D Animation	88	Trading Toolbox
73	Simulink Check	89	Vision HDL Toolbox
74	Simulink Code Inspector	90	Wavelet Toolbox
75	Simulink Coder	91	WLAN Toolbox
76	Simulink Coverage		
77	Simulink Design Optimization		
78	Simulink Design Verifier		
79	Simulink Desktop Real-Time		
80	Simulink PLC Coder		
81	Simulink Real-Time		
82	Simulink Report Generator		

Prof. Jaya Gadge

A.O.

Principal

Chairman
Chairman

Dr. B. P. Joshi
(Principal)

Maharshi Karve Stree Shikshan Samstha
Nagpur-Prakalp

MKSSS's, Cummins College of Engg. for Women,
Hingna, Nagpur-441110



Kmilind

Dr. Milind Khanapurkar
Principal

Maharshi Karve Stree Shikshan Samstha's
Cummins College of Engineering for Women
Hingna, Nagpur-441110.

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Computerized 10KN Universal Testing Machine
Amount: Rs.637200/-
Purchase Order

Unit/Division : MKSSS'S Cummins College of Engineering for Women, Nagpur
Telephone No. : 9657667030
Purchase Order No. 01, Date : 04-01-2020

KALPAK INSTRUMENTS & CONTROLS
Address : Shed no. 16, N.R. Industrial Estate, S.no. 25/3, Hingane Khurd, Vitthalwadi, Pune - 411 051
Contact No : 02024346363 / 24346802

Dear Sir / Madam,

Ref. Your Quotation No. KIC/CCEW/122K19/251, Date : 25-12-2019

We have pleasure in placing with you our order for the following:-

Sl. No.	Quantity Ordered	Unit Of Measurement	Description and specification of items	Rate per Unit.	Rs.
1	1	Nos.	KALPAK Computerized Universal Testing Machine Model KIC-2-100-C (Capacity 10 KN)	500,000.00	500,000.00
2	1	Nos.	Self tightening Wedge Type Tensile Grip suitable for specimen 6 mm thick & width 25 mm, Capacity 20 KN		
3	1	Nos.	Compression Plates, 100 mm dia. X15 mm thick, Ground & hardened, suitable for 10 KN		
4	1	Nos.	Double Shear Test Attachment for metal pins 6 mm bolt		
5	1	Nos.	3 Point Bending Fixture for Flexure Testing Capacity 10 KN suitable for square/round samples, span 20-250 mm		
6	1	Nos.	PC for sr.no. 1 with Windows 10 licensed version & 600 VA UPS	40,000.00	40,000.00
Total					540,000.00
				SGST	9.00
				CGST	9.00
				IGST	0.00
				Total :	637,200.00

(In words rupees Six lac thirty seven thousand two hundred only)

Taxes & Statutory duties: (please put ✓ mark) to the clause applicable :

i) Price including all taxes ✓ a) Transportation charges - Inclusive b) With ✓ insurance

ii) Price is exclusive of tax ✗

iii) or any other

a) P & F Free

b) Delivery within 4 Weeks of P.O.

c) Transit insurance : Included

d) Installation & Commissioning Charges : Free

e) Warranty : 1 Year from the date of supply

f) Pre-dispatch Inspection : By CCoEW at Pune prior to dispatch

g) Mention our GST no. 27AAATM1969L1Z4 on your invoice

h) TDS will be deducted wherever applicable

i) Billing Address : Cummins College of Engineering for Women, Mouje Sukli, Taluka Hingna, Nagpur - 441110

Payment Terms : 100% payment will be made against delivery & installation & commissioning

Counter Signature : Prof. Yogesh Dandekar
Administrative Officer
Principal
Chairman

Dr. B. P. Joshi
(Principal)
Chairman
Maharshi Karve Stree Shikshan Samstha
Nagpur-Prakalp

MKSSS's, Cummins College of Engg. for Women

1) Please note the terms & conditions of Purchase printed over this PO and strictly adhere to the same.
2) The purchase order to be drawn in triplicate. Original to be issued to the supplier, the second copy to be sent to the Purchase Committee and third copy to be retained in Office File.



Kinind

Dr. Milind Khanapurkar
Principal
Maharshi Karve Stree Shikshan Samstha's
Cummins College of Engineering for Women
Hingna, Nagpur-441110.

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Tax Invoice for Computerized 10KN Universal Testing Machine

KALPAK INSTRUMENTS AND CONTROLS		TAX INVOICE					
Shed No. 16, N.R. INDUSTRIAL ESTATE, S.No. 25/3, Hingane Khurd, Vitthalwadi, PUNE - 411051 Tel. Works - 24346802 Email: kalpakpune@gmail.com							
Our GSTIN : 27ACEPS9085P1ZJ		MAHARASHTRA	CODE 27 - MH				
Invoice No. 1	Invoice No. G-157	Invoice Date 12.02.2020					
Your PO Date 04.01.2020	D.C. No.	D.C. Date					
Reverse Charge Basis: NO	Transportation Mode: ROAD/HAND DELIVERY						
	Vehicle Number						
	Date of Supply/Service						
VENDOR CODE	Place of Supply	NAGPUR					
Details of Receiver/Billed To:		Details of Consignee/Shipped To					
Buyer's Name MAHARSHI KARVE STREE SHIKSHAN SAMSTHAS	Name MAHARSHI KARVE STREE SHIKSHAN SAMSTHAS						
Buyer Address Cummins College of Engineering for Women, Mauje Sukli Gupchup, Tal: Hingna, Dist: Nagpur - 441110.	Address Cummins College of Engineering for Women, Mauje Sukli Gupchup, Tal: Hingna, Dist: Nagpur - 441110.						
Buyer GSTN 27AAATM1999L1Z4	GSTN 27AAATM1969L1Z4						
State MAHARASHTRA	Code 27-MH	State MAHARASHTRA	Code 27-MH				
Sl. No.	Item	HSN/SAC	Qty	Rate	Per	Disc.	Total in Rs.
1	KALPAK Computerized Universal Testing Machine KIC-2-100-C (Capacity 10 KN) , Sr. No. 200101	9024	1	500000	No		500000.00
2	Self tightening Wedge Type Tensile Grip suitable for specimen 6 mm thick, & width 25 mm, Capacity 20 KN	9024	1				
3	Compression Plates, 100 mm dia. X 15 mm thick, Ground & hardened, suitable for 10 KN	9024	1				
4	Double Shear Test: Attachment for metal pins 8 mm bolt	9024	1				
5	3 point Bending Fixture for Flexure Testing Capacity 10 KN suitable for square/round samples span 20-250 mm						
6	PC for SR No. 1 with windows 10 licensed version & 600 VA UPS	9024	1	40000			40000.00
Total taxable value in Words: Rs. Five lakh Forty Thousand only		P&F 4%				5,40,000.00	
Tax amount in words: Rs. Ninety Seven Thousand Two Hundred only		Central Tax - CGST @ 9%				48,600.00	
		State Tax - SGST @ 9%				48,600.00	
		Interstate Tax - IGST @ 18%					
Total Invoice Amount in Words: Rs. Six lakh Thirty Seven Thousand Two Hundred only		ROUND OFF				6,37,200.00	
		Grand Total				6,37,200.00	
Declaration - We declare that this invoice shows the actual price of the Goods described and that all particulars are true and correct. Customer's Seal and Signature		Certified that the Particulars given above are True and Correct					
				For Kalpak Instruments and Controls Authorized Signatory			
OUR BANK DETAILS - UNION BANK OF INDIA, FERGUSSAN COLLEGE ROAD, PUNE - 411005 ACCOUNT - CURRENT, A/C NO. 459401010020003, IFSC - UBIN0545944							



Kamind
Dr. Milind Khanapurkar
 Principal
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Bill System https://ewaybillgst.gov.in/BillGeneration/EBPrint.aspx?ewb_no=2...

E - WAY BILL SYSTEM

Part - A Slip

Unique No.	2911 8100 6280
Entered Date	12/02/2020 01:01 PM
Entered By	27ACE PS908 5P1ZJ - SATCHITANAND KRISHNAJI SIDHAYE
Valid From:	Not Valid for Movement as Part B is not entered [738Kms]

Part - A

GSTIN of Supplier	27ACEPS9085P1ZJ, KALPAK INSTRUMENTS AND CONTROLS
Place of Dispatch	HINGNE KHURD, MAHARASHTRA-411051
GSTIN of Recipient	27AAA TM196 9L1Z4, MAHARASHI KARVE STREE SHIKSHAN SAMSTHAS SAMPADA BAKERY
Place of Delivery	NAGPUR, MAHARASHTRA-441110
Document No.	G-157
Document Date	12/02/2020
Transaction Type:	Regular
Value of Goods	₹ 637200
HSN Code	9024
Reason for Transportation	Outward - Supply
Transporter	29AABCV3809C1ZJ & VRL LOGISTICS LIMITED, VIJAYANAND TRAVELS, MARUTI

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12-02-2020, 13:00



Kaivalya
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Mouje Sukli (Gupchup), Hingna, Nagpur-441110





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Skill Development Workshops



Kind
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**Academic year
2022-23**



Kind

Dr. Milind Khanapurkar
Principal

Maharshi Karve Stree Shikshan Samstha's
Cummins College of Engineering for Women
Hingna, Nagpur-441118.

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One Week Skill Development Program

Every year in every semester Cummins College of Engineering for Women, Nagpur organizes one week skill development Program for all the branches for each semester. The details of the Skill development from are listed below.

Photos of Skill Development Workshops

1. Skill Development Workshop on “Algorithm and Data structure in Python from competition point of view”, 1 to 6 August, 22



2. Skill Development Workshop on “MATLAB & Scilab”, One Week, 22 to 26 August, 22



Kamind
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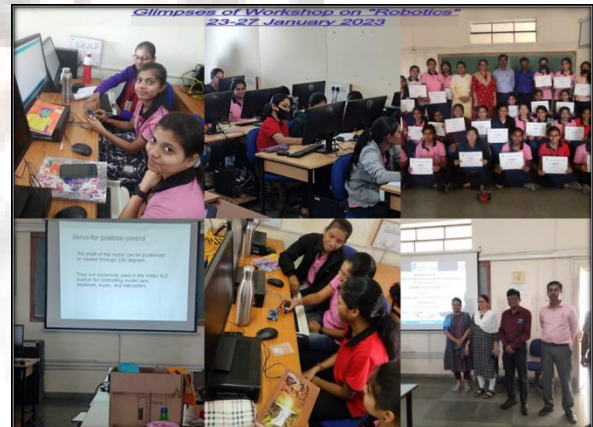
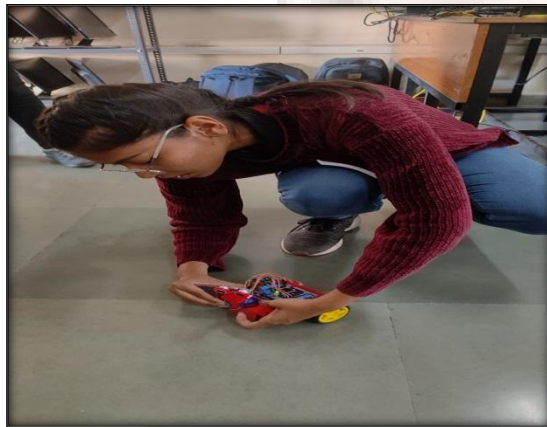


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3. Workshop on "PCB Design & Fabrication" in collaboration with E-Art Technologies Pvt. Ltd., 10,11,12 November, 22



4. Skill Development Workshop & Mini-Project (Internship) on "Robotics" in collaboration with Admire Tech Vision LLP Engg, 23-27 Jan,2023



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5. Skill Development Workshop on “MATLAB & Simulink with Hands-on on Arduino” in collaboration with MathWorks, 13-17 Mar 2023



6. One Day Workshop on Energy Audit in Collaboration with Department of Electrical Engineering, YCCE, Nagpur, 1st April, 2023



Kvnlind

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Department of Electrical Engineering
Yeshwantrao Chavan College of Engineering, Wanadongri, Nagpur-44110



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One Day Student Development Program on
ENERGY CONSERVATION and AUDIT
1st April, 2023

CERTIFICATE

This certificate declares that Mr. / Ms. / Mrs.

Vanshika pardhi

{{of Electronics and Telecommunication Engineering / Computer Engineering}}
has attended one day student development program on

ENERGY CONSERVATION and AUDIT organised by Department of Electrical Engineering,
YCCE, Nagpur and conducted at Department of Electronics and Telecommunication Engineering, MKSSS's
Cummins College of Engineering for Womens, Nagpur}}

Shete
Prof. P. S. Shete
Coordinator



Joshi
Prof. P. B. Joshi
Coordinator

Patil
Dr. S. D. Patil
Convener

Adhau
Dr. S. P. Adhau
Convener

Made for free with Certify'em

Certificate to the student Ms. Vanshika Pardhi



Khind

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7. Workshop on "RF design with AWR" in collaboration with IETE student chapter ICON Design Automation Pvt. Ltd., Hyderabad, India, 15 to 16 October, 22



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देशोन्नती

वाणिज्य वार्ता

कमिन्स अभियांत्रिकी महाविद्यालयात
आरएफ डिझाईनवर कार्यशाळा



देशोन्नती वृत्तसंकलन...

नागपूर ■ महर्षी कर्वे स्त्री शिक्षण संस्थाद्वारा संचालित कमिन्स अभियांत्रिकी महाविद्यालय, हिंगणा येथे इलेक्ट्रॉनिक्स आणि टेलिकम्युनिकेशन विभागात आरएफ डिझाईन या विषयावर द्विदिवसीय कार्यशाळेचे आयोजन करण्यात आले होते. १ व १६ ऑक्टोबरला ही कार्यशाळा पार पडली. आयटीई विद्यार्थी शाखेतर्फे ही कार्यशाळा घेण्यात आली. ऑयकोन डिझाईन ऑटोमेशन, बंगलोर येथील अभियंते कमील गवळी व श्री हरिप्रसाद यांनी आरएफ डिझाईन या विषयावर मार्गदर्शन केले. या कार्यशाळेतर्गत कम्प्युनिकेशन सिस्टिम डिझाईन, फिल्टर डिझाईन, अँटना डिझाईन व पॉवर एम्प्लिफायर डिझाईन या विषयावर विद्यार्थिनींना प्रात्यक्षिकांसह मार्गदर्शन करण्यात आले. इलेक्ट्रॉनिक्स आणि टेलिकम्युनिकेशन विभागातील जवळपास ४० विद्यार्थिनी या कार्यशाळेत सहभाग घेतला. या कार्यशाळेच्या यशस्वीतेसाठी आयटीई विद्यार्थी शाखेचे प्राध्यापक संयोजक प्रा. आनंद देशकर यांनी विभागप्रमुख डॉ. जितेश शिंदे व प्राचार्य डॉ. भारतभूषण जोशी यांच्या मार्गदर्शनाखाली परिश्रम घेतले.

पुरवठादार कंपनी असलेल्या भारती एअरटेलने आपल्या ५ जी नेटवर्कवर १ दशलक्ष वापरकर्त्यांचा टप्पा पार केल्याची घोषणा केली. एकीकडे नेटवर्क तयार होत असताना कंपनीने ५ जी सेवा सुरू केल्यापासून ३० दिवसांपेक्षा कमी कालावधीत हा टप्पा गाठला आहे.

ऑक्टोबर महिन्याच्या सुरुवातीला एअरटेलने दिल्ली, मुंबई, चेन्नई, हैद्राबाद, सिलिगुडी, बंगळूर, नागपूर आणि वाराणसी येथे ५ जी सेवा सुरू केल्याची घोषणा केली होती. या शहरांमध्ये कंपनीने आपले नेटवर्क प्रस्थापित करणे सुरू ठेवले असून टप्प्याटप्प्याने सुरू केल्या जात आहे. भारती एअरटेलचे सीटीओ रणदीप सेखोन म्हणाले, हे सुरुवातीचे दिवस असून दखील ग्राहकांचा प्रतिसाद हा उत्साहवर्धक आहे. आमचे नेटवर्क बांधण्याची प्रक्रिया ही रोज सुरू असून काही अपवाद वगळता सर्व ५ जी उपकरणे आता एअरटेल ५ जी प्लस नेटवर्कवर कार्य करण्यास सक्षम आहेत व उर्वरित काही आठवड्यातच कार्य करण्यास सक्षम होतील. संपूर्ण देशाला जोडणाऱ्या दृष्टिकोनातून आम्ही नेटवर्क बांधणी यामुळेही सुरू ठेवू.

एअरटेलने २०२१ मध्ये ५ जी चाचण्या सुरू केल्या आणि देशात व्यवसायाकरता ५ जी सुरू करणारी पहिली कंपनी बनली. सेवा अधिक व्यापकपणे सुरू होईल तोवर ५ जी स्मार्टफोन असलेले ग्राहक त्यांच्या सध्याच्या डेटा प्लॅनवर हायस्पीड एअरटेल ५ जी प्लसचा आनंद घेऊ शकतात. सध्याचे एअरटेल ४ जी सिम हे ५ जी सक्षम असल्यामुळे सिम बदलण्याची गरज नाही, असेही स्पष्ट करण्यात आले आहे.

नितीन गडकरी यांच्या हस्ते सिक्वेल टोयोटा शोरूमचे उद्घाटन



Press Note published in Local Newspaper Deshonnatti regarding Skill development week taken by department of Electronics and Telecommunication



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Mechanical Engineering Department

Report of Skill Development Week Session 2022-23

III SEM
22nd - 26th August 2022

Sr No.	Contents
1	Schedule
2	Attendance
3	Test and Results



Kind

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Session 2022-23

SCHEDULE OF ONE-WEEK WORKSHOP

Semester: 3rd Sem

Time Duration: 8.30 am to 3 pm

Dates: 22nd August to 26th August

Date & Day	Topic	Schedule	Time Slot	Resource Person
Day 1 (22/8/2022)	Introduction to Mechanical Engineering	Inauguration	9.00 am	Dr. M Shukla
	Industrial Units and Hands on actual sense of properties, capacity, size, dimension etc. (Activity)	Session 1	9.30 am – 12:00 am	Mr. A Kawadaskar
	<i>Break 12:00pm – 01:00pm</i>			
	Thermal Properties (Temperature, Pressure, Volume, Energy)	Session 2	1:00 – 2:00pm	Mr. P Mahankar
	Basics of Materials	Session 3	2:00 -3:00 pm	Dr. S Khekale
Day 2 (23/8/2022)	Measuring Devices	Session 1	8.30- 9.30 am	Mr. V. Dandekar
	Measuring Instruments and units	Session 2	10:30 am- 12:00pm	Mr. A Kawadaskar
	<i>Break 12:00pm – 01:00pm</i>			
	Hands-on for measuring devices and instruments	Session 3	1:00-3:00pm	Mr. S Lanjewar
Day 3 (24/8/2022)	Hands-on with day to day examples on thermodynamics	Session 1	8.30-10.00 am	Mr. N Bhawe
	Machine Tools and machines at Workshop	Session 2	10.30am-12.00	Dr. S Khekale
	<i>Break 12:00pm – 01:00pm</i>			
	Measurement of thermal properties (Liquid and Gases) Hands on	Session 3	1.00 –3:00 pm	Mr. P Mahankar
Day 4 (25/8/2022)	Case study of Mechanical/Industrial Drawing and its actual interpretation	Session 1	8.30–10.30am	Mr. Y Dandekar
	Programm (MOU signing)			
	<i>Break 12:00pm – 01:00pm</i>			
	Hands On Materials Identification (15 to 20 Materials)	Session 3	1:00-3:00pm	Mr. Y Dandekar

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Day 5 (26/8/2022)	Reading of Drawing, Charts, Graghs	Session1	8.30-10.00 am	Mr. Y Dandekar
	Symbols and part indentification	Session 2	10.30-12.00 pm	Mr.A Kawadaskar
<i>Break 12:00pm – 01:00pm</i>				
	Test	Session 3	1:00-2:00pm	Dr. S Khekale



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Attendance for 3rd Sem

Department of Mechanical Engineering
Session 2022-23(Odd)
Skill Development Workshop
BASIC INDUSTRY REQUIRED SKILL IN MECHANICAL ENGINEERING
Semester: III Sem Dates: 22-26 August 2022

Attendance Sheet

Roll No.	Name of Students	22/8/22		23/8/22		24/8/22		25/8/22		26/8/22	
		S1	S2	S1	S2	S1	S2	S1	S2	S1	S2
3ME01	Aditi Ragit	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
3ME02	Annu Shukla	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
3ME03	Apurva Malode	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
3ME04	Gunjan Sahstrabuddhe	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
3ME05	Kalpna Rathod	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
3ME06	Kamna Tapase	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
3ME07	Poonam Mishra	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
3ME08	Prasanna kumari Kantipudi	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
3ME09	Vaibhavi Naik	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
3ME10	Vaishnavi Bibekar	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
3ME11	Vishakha Ingole	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present

S1 : Morning session
S2 : Afternoon session

P.S. Mahankar
26/8/22

Principal
(M.R. Suneer)

S : Session



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Test Results

Roll No.	Name of Students	Marks Obtained (Out of 20)
3ME01	ADITI NARAYAN RAGIT	18
3ME02	ANNU PRAMOD SHUKLA	16
3ME03	APURVA UDAY MALODE	17
3ME04	GUNJAN SAHSTRABUDDHE	19
3ME05	KALPANA AMARSING RATHOD	16
3ME06	KAMNA RAHUL TAPASE	A8
3ME07	POONAM NARENDRA MISHRA	16
3ME08	PRASANNA KUMARI KANTIPUDI	18
3ME09	VAIBHAVI SANJAYRAO NAIK	18
3ME10	VAISHNAVI DILIP BIBEKAR	17
3ME11	VISHAKHA VIJAY INGOLE	AB



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**Academic year
2021-22**



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One Week Skill Development Program

Every year in every semester Cummins College of Engineering for Women, Nagpur organizes one week skill development Program for all the branches for each semester. The details of the Skill development from are listed below.

One Week Skill Development Program by Department of Computer Engineering

Schedule of Skill Development Program for 6th and 8th

Objectives: -- To make students ready with the knowledge of advanced programming language 'R' which is useful for statistical computations.

About R: is an open-source software - a well-organized and sophisticated package - that facilitates data analysis, modeling, inferential testing and forecasting. It is a user-friendly software which allows to create new function commands to solve statistical problems **R** is the most preferred open-source language for analytics and data science.



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Skill development program Schedule

Sr. No.	Date	Time	Faculty	Contents
Day 1	3/1/2022	10 am to 11.30 11.45 am to 1.15pm	Dr. Henery (Online)	Cognitive Technology Bioimplants for Nural Applications
			Lunch Break	
	3/1/2022	2.00 pm to 4.00pm	Prof. H Kharpate	Installation of R and Rstudio windows 10 platform
Day 2	4/1/2022	9.30 Am to 11.00 am	Prof. H. kharpate	Introduction to Basics of R
Break 15 min				
	4/1/2022	11.15 to 12.30	Prof Kharpate	Programs with the basic operators such as Resizing the font and window size *, +, -, ^, sqrt exp, log, sin Diff..
			Lunch break	
	4/1/2022	1.15 to 4.00	Prof. H Kharpate	<i>Introduction to Data Frames in R & Hands on practice</i>
Day 3	04/01/22	9.30 Am to 11.00 am	Prof. H. Kharpate	<i>Merging and importing data</i>
			15 min Break	
		11.15 to 12.30	Prof. H. Kharpate	<i>Data Types and Factors</i>
			Lunch Break	
Day 3	5/1/2022	1.15 pm to 4.00pm	Prof. S Deote	<i>Introduction to R script</i>
Day 4	06/01/22	9.30 Am to 11.00 am	Prof. S Deote	List and operations
			Break 15 Min	

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		11.15 to 12.30	Prof. s Deote	Plotting a graph Histogram and pie charts ,
			Lunch Break	
Day 4	06/01/22	1.15 pm to 4.00 pm	Prof. S Deote	Plotting Bar Charts and Scatter Plot
Day 5	07/01/22	9.30 am to 12.30 pm	Students	Project on R programming and discussion case studies
	07/01/22	1.15 to 4.00 pm	Students	Assessment Test



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Department of Computer Engineering

Skill Development Attendance

Sr.No.	Roll No.	Name of Students	3/1/20 22	10/1/20 22	11/1/20 22	12/1/20 22	13/1/20 22	15/1/20 22
1	8CE01	Aarya Khanapurkar						
2	8CE02	Aditi Ambekar	p	p	p	p	p	p
3	8CE03	Akanksha Sontakke	p	p	p	p	p	p
4	8CE04	Ananya Gupta	p	p	p	p	p	p
5	8CE05	Angha Deshpande						
6	8CE06	Anushri Lawhale	p	p	p	p	p	p
7	8CE07	Ashlesha Hedau						
8	8CE08	Ashwini Muneshwar						
9	8CE09	Asmita Ghosh	p	p	p	p	p	p
10	8CE10	Avanti Joshi	p	p	p	p	p	p
11	8CE11	Bhairavi Naik	p	p	p	p	p	p
12	8CE12	Chaitali Lichade						
13	8CE13	Diksha Sitawar						
14	8CE14	Gouri kalbande	p	p	p	p	p	p
15	8CE15	Himani Parihar	p	p	p	p	p	p
16	8CE16	Janhavi Peshkar	p	p	p	p	p	p
17	8CE17	Janhavi Bhanare				p	p	p
18	8CE18	Kajal Shahare				p	p	p
19	8CE19	Kalyani Kolhe		p	p	p	p	p
20	8CE20	Karishma Mishra		p	p	p		
21	8CE21	Mahee Jaiswal				p	p	p

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22	8CE22	Manasi Bobde	p	p	p	p		
23	8CE23	Manasi Malge	p	p	p	p		
24	8CE24	Megha Bisane				P	p	p
25	8CE25	Mrunmayee Deshpande	p				p	p
26	8CE26	Naina Wanjari	p			P	p	p
27	8CE27	Nidhi Gabhane				P		
28	8CE28	Nupur Jain		p				
29	8CE29	Nupur Bag		p	p	p	p	p
30	8CE30	Poonam Ghorpade			p	p	p	p
31	8CE31	Prajakta Matey	p	p		p	p	p
32	8CE32	Pranjali Ambulkar	p	p	p	p	p	p
33	8CE33	Pratiksha Dhobale	p		p	p	p	p
34	8CE34	Pratiksha Mahale		p			p	p
35	8CE35	Prerna Babhulkar		p	p			
36	8CE36	Rasika Bakre	p		p		p	p
37	8CE37	Ravina Gondane	p	p		P		
38	8CE38	Ruchika Bhaganagarkar	p	p	p			
39	8CE39	Rujuta Rode	p		p		p	p
40	8CE40	Rupal Kadam	p			P	p	p
41	8CE41	Samruddhi Wasu		p		P	p	p
42	8CE42	Sanjana V Kale		p	p			
43	8CE43	Sanskruiti Bachchuar			p	P		
44	8CE44	Sejal H.Shahare	p	p		P	p	p
45	8CE45	Sejal S. Shahare		p	p	p	p	p

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46	8CE46	Shraddha Kutemate			p	p	p	p
47	8CE47	Shreya Dakhale				p	p	p
48	8CE48	Shreya Chalisgaonkar	p		p	p	p	p
49	8CE49	Shruti Shriwas	p	p	p	p	p	p
50	8CE50	Shruti Pimpalgaonkar	p	p				
51	8CE51	Shubhangi	p		p	P	p	p
52	8CE52	Shweta Deshmukh		p	p	p		
53	8CE53	Tanvi Kate	p	p		p		
54	8CE54	Taruna Dasariya	p		p	p	p	p
55	8CE55	Tithi Bhasme	p	p	p	p	p	p
56	8CE56	Vaishnavi Raut	p	p		p	p	p
57	8CE57	Vaishnavi Khode	p		p			
58	8CE58	Vanshika Bongade		p	p	p		
59	8CE59	Vanshika Trivedi		p		p	p	p
60	8CE60	Vedanti Warhadpande	p		p	p	p	p
61	8CE61	Vidhi Deshmukh	p		p	p	p	p
62	8CE62	Yashasvi D. Mishra				p	p	p



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Department of Computer Engineering

Skill Development schedule for second year

Academic Year: -2021-22

Objectives: -- To make students ready with the knowledge of programming language python and some web designing languages which is useful for various applications also to train students in coding for industrial approach.

About Python: Python is an interpreted, object-oriented, high-level programming language with dynamic semantics. Its high-level built in data structures, combined with dynamic typing and dynamic binding; make it very attractive for Rapid Application Development, as well as for use as a scripting or glue language to connect existing components together.

About Web Designing Concepts:- How Drupal is different from an HTML website in that a person developing a Drupal site makes design and structural choices from menus rather than working directly in the HTML, CSS and JavaScript code. To a person visiting your site it will look or function as any other web site.

About Introduction to Competitive Coding:-To make students ready for competitive coding practice which will be helpful to them while placement in Industry. In this section all the important concepts of C language and there application problem definition will be taken.



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Schedule of Skill Development Program

Sr.No	Date	Time	Faculty	Contents
Day 1	10/03/2022	11 am to 1 pm	Mr.Nakul Deshmukh (iBase Technologies)	Basic of Python
			Lunch Break	
	10/03/2022	2.00 pm to 3.30pm	S.Khamankar	Practice on given python problem by Mr.Nakul Deshmukh
Day 2	11/03/2022	9.30 am to 11.00 am	S.Khamankar	Introduction to web designing
Break 15 min				
	11/03/2022	11.15 to 12.30	S.Khamankar	Hands on practice
			Lunch break	
	11/03/2022	1.15 to 4.00	P.Gangwani/ S.Mirashe	HTML concept for web designing
Day 3	14/03/22	9.30 am to 11 am	A.borkar	Introduction to Basics of Drupal
			15 min Break	
		11.30 am to 12.30 pm	P.Gangwani/ S.Khamankar	HTML concept for web designing
			Lunch Break	
		1.30 pm to 3.30pm	P.Gangwani / A.borkar	Hands on practice
		9.15 am to 10.15 am	Dr.Aniket Pingley (Revisiting fundamentals of C programming
			15 min Break	Intro Competitive Coding Platforms
		10.30 am to 12 pm pm	Dr.Aniket Pingley	Working with arrays of numbers (2-3 problems)

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Day 4	15/03/22		Lunch Break	
		1 pm to 3.30pm	Dr.Aniket Pingley	Working with arrays of characters (2-3 problems) Problems related to Math (2 problems)
Day 5	16/03/22	9.15 am to 10.45 am	Dr.Aniket Pingley	Divide and Conquer approach (2-3 problems) Problems related to sorting (2-3 problems)
	16/03/22		15 min Break	
		11 am to 12 .30 pm	Dr.Aniket Pingley	
			Lunch Break	
		1.30 pm to 3.30pm	Dr.Aniket Pingley	Stacks and Queues Problems in Recursion (1-2 problems)



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**Skill Development Program for second year in Odd semester
(2021-22)**

The Cummins College of Engineering for women's Nagpur, Computer engineering Department, organized a five days workshop on Object Oriented Methodology and PHP from 20th September to 24th September 2021 and followed by guest lecture on "PHP" on 25th September 2021. This Training is taken for 2nd year students to enhance the skill and employability of the students in software industries.

Prof. P. Lohe took skill development on Object Oriented methodology on 20th and 21st Sept. The base for all the higher level languages is object oriented methodology, so with this training they got knowledge of it. There was Hands on PHP by Prof. S. Khamankar and Prof. A. Borkar on next three days. The purpose of this PHP training was to enhance their skill in Web development. Total 50+ students attended this Training.

On 25th September 2021, there was a guest lecture by industry person on PHP by Mr. Tarun Shrivastava. He is scientist "F" senior technical director at National informatics center. Total 80+ students from 2nd yr. and 3rd yr. of computer engineering department were attended the guest lecture.



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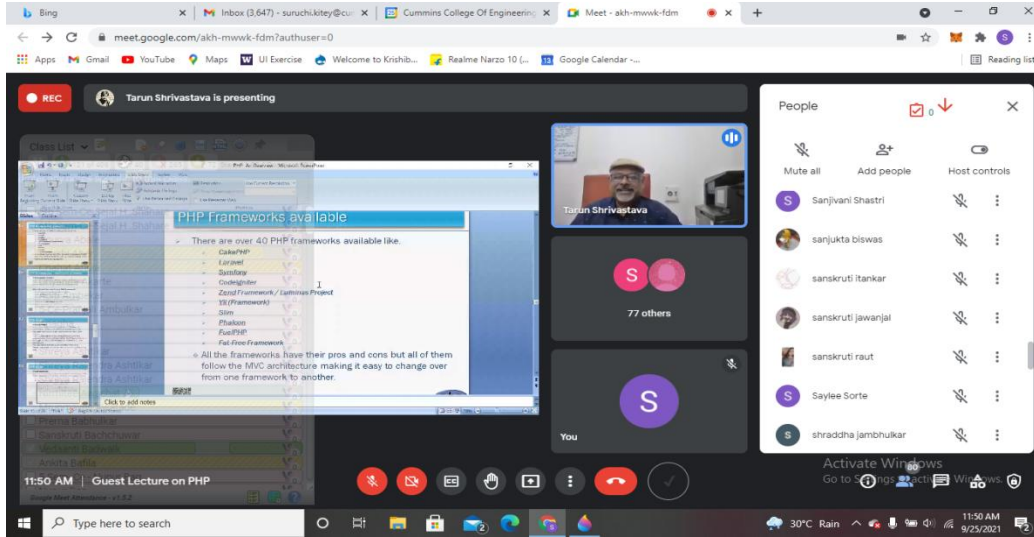
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Screenshots of Skill Development sessions taken online on Zoom



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**One Week Skill Development Program by Department of Electronics and
Telecommunication Engineering**

Schedule of Skill Development Program for 5th and 7th Semester(2021-2022)



DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING
AND COMPUTER ENGINEERING
SKILL DEVELOPMENT WORKSHOP 2021-22 (ODD SEM)
Algorithm and Data structure in Python from competition point of view
Semester: V & VII Sem

Time & Date	Session I 10:00AM to 12:00noon	Lunch 12:00 to 12:50PM	Session II 1:00 to 03:00PM
16/8/2021 Monday	Introduction to basics of python.		
17/8/2021 Tuesday	Linear data structure (Stack and Queues)		
18/8/2021 Wednesday	Graph and Tree (Depth first search and breadth first search)		
19/8/2021 Thursday	Backtracking		
20/8/2021 Friday	Dynamic programming		
21/8/2021 Saturday	Convert word problems to patterns		

Raut
Academic Coordinator
Jaya Raut



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Schedule of Skill Development Program for 8th Semester(2021-2022)

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NS-2 & NS-3 Workshop(8th Sem)				
Year 2021-22				
Faculty	Date	Sessionwise topic to be discussed		
		Session 1 (09:00am to 01:00pm)	Session 2 (02:00pm to 04:00pm)	
DAY 1	Prof. Pallavi Tanksale/ Prof. Jaya Raut	3/1/2022	Introduction to NS & its basic versions	Basics of NS2
DAY 2	Prof. Pallavi Tanksale/ Prof. Jaya Raut	4/1/2022	Installation of Vmware & Fedora including NS3, NS2 on windows	Basic programming examples of NS2
DAY 3	Prof. Pallavi Tanksale/ Prof. Jaya Raut	5/1/2022	Applications of NS2 continued	Applications of NS2 continued
DAY 4	Prof. Pallavi Tanksale/ Prof. Jaya Raut	6/1/2022	Programming examples of NS3	Examples of NS3 continued
DAY 5	Prof. Pallavi Tanksale/ Prof. Jaya Raut	7/1/2022	Hands On using WSN node	Hands on training on communication using Zigbee module
		8/1/2022	Test	


Technical Coordinator


Academic coordinator




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Schedule of Skill Development Program for 4th Semester(2021-2022)



CCOEW/Dept of ETC/2021-22

Date: 28/02/2022

SKILL DEVELOPMENT WORKSHOP (10th March to 16th March)

SEMESTER: FOURTH

DURATION: 2 Hr Theory & 2 Hr Practical

Time: 10:00 am to 12 Noon (Theory)

1:00 pm to 3 pm (Practical)

In latest scenario, there are very good chances of growth in semiconductor industry. This industry demands skilled manpower in the field of chip designing or VLSI design. It includes Analog and Digital Design. This workshop aims to cover both these areas at introductory level.

Date	Faculty	Topic	Platform
10/03/2022	KW (Th) KW+AD+SB (Prac)	Circuit Simulation using DC Measurement & Loop Analysis	LT Spice
11/03/2022	SB (Th) KW+AD+SB (Prac)	Filter Design (High Pass, Low Pass Filter Design and Output Analysis)	LT Spice
12/03/2022	KW (Th+Prac) AD (Th+Prac) SB (Th+Prac)	AC Analysis Introduction to VHDL Basics of Attenuator	LT Spice
14/03/2022	AD (Th) KW+AD+SB (Prac)	Digital IC Design using VHDL (Design of GATES, Half Adder, Full Adder and Implementation of Boolean expressions)	Xilinx
15/03/2022	AD (Th) KW+AD+SB (Prac)	Design of Multiplexer, Demultiplexer, Encoder, Decoder using VHDL	Xilinx
16/03/2022	GUEST LECTURE Dr.Shubham Anjankar (Asstt.Professor, RCOEM)	How to Design a Transistor (Transistor Modelling)	TCAD
16/03/2022		Quiz	

Dr.K.Wagh

Prof.A.Deshkar

Prof.S.Bhattacharya

(Faculty Coordinators)


Prof.J.Raut

(Academic Coordinator)




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**Report on the Skill Development Program for 4th Semester of
Department of Electronics and Telecommunication for AY 2021-2022**

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NAGPUR**



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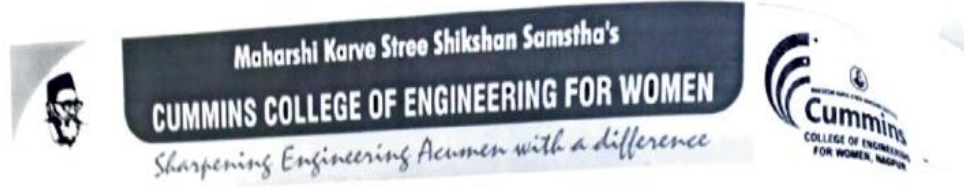




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About Institute

The 123-year-old parent body has been committed to "Empowerment of women through education". The Institution has a century long history of dedicated work towards making women educated and self-reliant. MKSSS, Pune was established in 1896 by the great visionary and social worker Bharat Ratna Maharshi Dhondo Keshav Karve to provide shelter to destitute women.

Cummins College of Engineering for Women, Nagpur is run by MKSSS and funded by Cummins India Foundation which is USA based Company.

Cummins college has been identified as one of the best up-coming colleges of RTM Nagpur University. The college prepares women engineers in the field of Electronics & Telecommunications, Computer engineering and is the only women's college in Vidarbha having Mechanical engineering branch.

The college is having in-campus well furnish hostel with all the modern amenities like mess, gym, reading room, TV room, RO, lawn, wi-fi, cooking arrangement, Tiffin arrangement & menu management. The college also offers transportation facility for local students from all the corners of Nagpur City.



Kautilya

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SKILL DEVELOPMENT WORKSHOP (10th March to 16th March)

SEMESTER: FOURTH
DURATION: 2 Hr Theory & 2 Hr Practical
Time: 10:00 am to 12 Noon (Theory)
1:00 pm to 3 pm (Practical)

In latest scenario, there are very good chances of growth in semiconductor industry. This industry demands skilled manpower in the field of chip designing or VLSI design. It includes Analog and Digital Design. This workshop aims to cover both these areas at introductory level.

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Dr.K.Wagh

Prof.A.Deshkar

Prof.S.Bhattacharya

(Faculty Coordinators)

Raut
Prof.J.Raut

(Academic Coordinator)

REPORT OF SKILL DEVELOPMENT WEEK



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Electronics & Telecommunication Engineering Department of Maharshi Karve Stree Shikshan Samstha's Cummins College of Engineering for Women, Nagpur successfully conducted Skill Development Week from 10th March to 16th March 2022 for second year students. The title of the Skill Development program was "Electronics Circuit Designing with VLSI Prospective". Objective of skill development week is to inculcate the Electronics circuit design using software to the students. The Skill Development program was inaugurated at the hands of Dr.B.P.Joshi, Principal, Cummins College of Engineering for women, Nagpur. He elaborated the scope of Electronics Engineer in future and the importance of VLSI design. Academic Co-ordinator Prof. Jaya Raut explained culture of such workshops in department. Idea behind workshop & Introduction to Six days workshop content was given by Prof. Deshkar. The Skill Development Program was coordinated by Dr.Kanchan Wagh, Prof.A.Deshkar, Prof.S.Bhattacharya.

The Skill Development Program was basically divided into four part. In the first part students learnt the Analog system design by using LT spice software. Various circuits i.e. Voltage divider circuit, current divider circuit, Design of Low pass filter and High pass filter were done and the output is theoretically verified. This part was conducted by Dr. Kanchan Wagh and Prof.S.Bhattacharya.

The second part of the Skill Development Program was Digital System Design. For this digital design part Quartus II software was used. Design of different Gates, Encoder, Decoder, Multiplexer, Comparator, Adder were designed using Quartus II. This part was conducted by Prof.A.Deshkar.

In the third part of the Skill Development Program a Guest faculty, Prof. Shubham Anjankar, Assistant Professor, RCOEM, Nagpur conducted Hands on session on "How to design Diode and Transistor" by using TCAD software.



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In the fourth part of the Skill Development Program, an online quiz was conducted based on the topics covered in the program. Total 31 no of students have taken the online quiz. After that a feedback from the students were taken for the workshop.

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CCOEW/Dept. of ETC/2021-22
 Department of Electronics & Telecommunication Engineering
 Workshop on "Analog & Digital Circuit Simulation" 10 March to 16 March 2022
 Attendance record

Date:- 10/03/2022

Sr. No.	Roll No	Student's Name	10/3/2022		11/3/2022		12/3/2022		14/3/2022		15/3/2022		16/3/2022	
			TH	FR	TH	FR	TH	FR	TH	FR	TH	FR	TH	FR
1	4ETC01	Aaswari Patil	A	A	A	A	A	A	A	A	A	A	A	A
2	4ETC02	Akshani Wanjari	A	A	A	A	A	A	A	A	A	A	A	A
3	4ETC03	Amisha Barhate	A	A	A	A	A	A	A	A	A	A	A	A
4	4ETC04	Apeksha Gotmare	A	A	A	A	A	A	A	A	A	A	A	A
5	4ETC05	Avanti Panchbudhe	A	A	A	A	A	A	A	A	A	A	A	A
6	4ETC06	Bhagyashree Darunde	A	A	A	A	A	A	A	A	A	A	A	A
7	4ETC07	Bhumika Hingankar	A	A	A	A	A	A	A	A	A	A	A	A
8	4ETC08	Devashree Madame	A	A	A	A	A	A	A	A	A	A	A	A
9	4ETC09	Dhanashree Likhar	A	A	A	A	A	A	A	A	A	A	A	A
10	4ETC10	Eesha Thakre	A	A	A	A	A	A	A	A	A	A	A	A
11	4ETC11	Gauri Kohad	A	A	A	A	A	A	A	A	A	A	A	A
12	4ETC12	Gayatri Dikondwar	A	A	A	A	A	A	A	A	A	A	A	A
13	4ETC13	Jaha Meshram	A	A	A	A	A	A	A	A	A	A	A	A
14	4ETC14	Ketaki Randave	A	A	A	A	A	A	A	A	A	A	A	A
15	4ETC15	Manaswlee Katre	A	A	A	A	A	A	A	A	A	A	A	A
16	4ETC16	Mansi Gaikwad	A	A	A	A	A	A	A	A	A	A	A	A
17	4ETC17	Megha Chaudhari	A	A	A	A	A	A	A	A	A	A	A	A
18	4ETC18	Naja Lakshmi Kantipudi	A	A	A	A	A	A	A	A	A	A	A	A
19	4ETC19	Nandini Lanjewar	A	A	A	A	A	A	A	A	A	A	A	A
20	4ETC20	Neha Ladke	A	A	A	A	A	A	A	A	A	A	A	A
21	4ETC21	Nikita Rathod	A	A	A	A	A	A	A	A	A	A	A	A
22	4ETC22	Paridhi Sahare	A	A	A	A	A	A	A	A	A	A	A	A
23	4ETC23	Payal Musale	A	A	A	A	A	A	A	A	A	A	A	A
24	4ETC24	Prachi Rane	A	A	A	A	A	A	A	A	A	A	A	A
25	4ETC25	Prachi Chaudhari	A	A	A	A	A	A	A	A	A	A	A	A
26	4ETC26	Prajakta Gudadhe	A	A	A	A	A	A	A	A	A	A	A	A
27	4ETC27	Rasika Wakhore	A	A	A	A	A	A	A	A	A	A	A	A
28	4ETC28	Riya Baseshankar	A	A	A	A	A	A	A	A	A	A	A	A
29	4ETC29	Rutika Waghmare	A	A	A	A	A	A	A	A	A	A	A	A
30	4ETC30	Sakshi Tonge	A	A	A	A	A	A	A	A	A	A	A	A
31	4ETC31	Sakshi Bakare	A	A	A	A	A	A	A	A	A	A	A	A
32	4ETC32	Sakshi Mahant	A	A	A	A	A	A	A	A	A	A	A	A
33	4ETC33	Sanjeevani Ambulkar	A	A	A	A	A	A	A	A	A	A	A	A
34	4ETC34	Sayali Mehare	A	A	A	A	A	A	A	A	A	A	A	A
35	4ETC35	Sejal Kalambe	A	A	A	A	A	A	A	A	A	A	A	A
36	4ETC36	Sejal Thakre	A	A	A	A	A	A	A	A	A	A	A	A



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Sr. No.	Roll No	Student's Name	10/3/2022		11/3/2022		12/3/2022		14/3/2022		15/3/2022		16/3/2022	
			TH	PR	TH	PR	TH	PR	TH	PR	TH	PR	TH	PR
37	4ETC37	Sejal Nimkar	P	P	P	P	A	P	P	P	P	P	P	P
38	4ETC38	Seshalasya Panchangam	P	P	P	P	P	P	P	P	P	P	P	P
39	4ETC39	Shivani Borkute	P	P	P	P	P	P	P	P	P	P	P	P
40	4ETC40	Shrutika Mankar	A	A	A	A	A	A	A	A	A	A	A	A
41	4ETC41	Shweta Harle	P	P	A	A	A	P	P	P	P	P	P	P
42	4ETC42	Sini Kudupodi	A	A	A	A	A	P	P	P	P	P	P	P
43	4ETC43	Tintai Mahalle	A	A	A	A	P	A	A	A	A	A	A	A
44	4ETC44	Vaideli Wakde	P	P	P	P	P	P	P	P	P	P	P	P
45	4ETC45	Vaishnavi Giri	P	P	P	P	P	P	P	P	P	P	P	P
46	4ETC46	Vanshika Pardhi	P	P	P	P	P	P	P	P	P	P	P	P
47	4ETC47	Yuvarani Randive	P	P	P	P	P	P	P	P	P	P	P	P

Dr. K. Wagh

Prof. A. Deshkar
Program Coordinators

Prof. S. Bhattacharya

Technical Coordinator
Dept. ETC



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Dr. B.P. Joshi addressing the students



Faculty members and students of ETC department



Kautilya

Dr. Milind Khanapurkar
Principal

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Prof. Shubham Anjankar conducting the session



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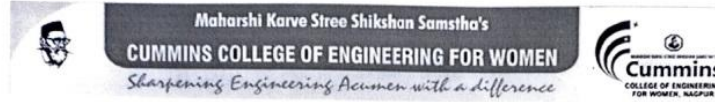
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**One Week Skill Development Program by Department of Mechanical
Engineering**

**Report of Skill Development Program for 5th and 7th Semester(2021-
2022)**



Mechanical Engineering Department

Report of Skill Development Week

1st - 6th August 2022

Sr No.	Contents
1	Schedule
2	Attendance
3	Test and Results
4	



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Session 2022-23

SCHEDULE OF ONE-WEEK WORKSHOP

Semester: 5th and 7th Sem

Time Duration: 10 am to 3 pm

Dates: 1st August to 6th August

Date & Day	Topic	Schedule	Time Slot	Resource Person
Day 1 (1/8/2022)	1. 3D Printing Basics, Additive manufacturing technologies and printers (TP) 2. CAD/CAM design, software packages and 3D scanning	Inauguration	10:00am – 10:20am	Dr. M Shukla
		Session 1	10:20am – 12:00am	Prof S Lanjewar
		Break	12:00pm – 01:00pm	
		Session 2	01:00am – 03:00pm	
Day 2 (2/8/2022)	1. Revision of previous day teaching 2. Material properties (MP) Introduction to base materials –Classification per technology, type of printer and application area, Polymers, Metals, Ceramics, Composites 3. Basic maintenance (BM) Main parts of 3D printer types Preventative periodic maintenance Manual check procedures Cleaning and lubricating Adjustments tasks	Session1	9 to 10 am 10:00am – 12:00pm	Prof Y Dandekar
		Break	12:00pm – 01:00pm	
		Session 2	01:00pm – 03:00pm	Prof N Bhawe
		Session1	9:00am – 11:00pm	
Day 3 (3/8/2022)	1. Basics of NC, CNC, Elements Fundamentals of NC/CNC, Conventional versus CNC Machines, NC Programming through CAD/CAM, , 2. Library Activity of searching	Session1	9:00am – 11:00pm	Dr. S Khekale
				Prof S Lanjewar



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	material on CNC in Journal etc 3. Part Programming : G Code, M Code etc	Break 12:00pm – 01:00pm Session 2 1:00pm – 03:00pm	
Day 4 (4/8/2022)	Hands on CNC Machines (Machine Operating, Feeding Program to machine, Observation and Practical on Machine)	Session1 10:00am – 12:00pm Break 12:00pm – 01:00pm Session 2 1:00pm – 03:00pm	Prof S Lanjewar, Dr. S Khekale
Day 5 (5/8/2022)	Visit to TATA's CIIT Centre Ramdeobaba College of Engineering and Management Nagpur. VMC, Robot Welding, CNC, IOT Lab, 3-D Printing & 3D scanning (Reverse Engineering)	Session1 10:00am – 12:00pm Break 12:00pm – 01:00pm Session 2 1:00pm – 03:00pm	Prasanna Mahankar
Day 6 (6/8/2022)	Test Industrial Visit to Shital Industry (CNC and VMC) And V S Autotech Forging, Press and Welding machines	Session1 9.00 to 10.00 am 10.30 to 3.30 PM	Prof Aditya Kawadaskar , Dr S Khekale, S Lanjewar

Attendance

5Th Sem

Roll No.	Name of Students	1-08-22		2-08-22		3-08-22		4-08-22		5-08-22		6-08-22	
		S1	S2	S1	S2	S1	S2	S1	S2	S1	S2	S1	S2
SME01	Achal Giradkar	P	P	P	P	P	P	P	P	P	P	P	P
SME02	Dhanashri Nirwan	P	P	P	P	P	P	P	P	P	P	P	P
SME03	Gayatri Deshpande	A	A	A	A	A	A	A	A	A	A	A	A
SME04	Leena Walke	P	P	P	P	P	P	P	P	P	P	P	P
SME05	Mahima Dubey	P	P	P	P	P	P	P	P	P	P	P	P



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SME06	Mimanshi Tembhone	P	P	P	P	P	P	P	P	P	P	P	
SME07	Minal Gajbhiye	P	P	P	P	P	P	P	P	P	P	P	
SME08	Pragati Murskar	A	A	A	A	A	P	P	P	P	P	P	
SME09	Prajakta Gedam	P	P	P	P	P	P	P	P	P	P	P	
SME10	Pratiksha Munde	P	P	P	P	P	P	P	P	P	P	P	
SME11	Priyanka Chaudhari	P	P	P	P	P	P	P	P	P	P	P	
SME12	Rina Kshirsagar	P	P	P	P	P	P	P	P	P	P	P	
SME13	Rajia Biswas	P	P	P	P	P	P	P	P	P	P	P	
SME14	Riya Kharparde	P	P	P	P	P	P	P	P	P	P	P	
SME15	Rutuja Chaudhari	P	P	A	A	A	A	A	A	A	A	A	
SME16	Sakshi Chawhare	P	P	P	P	P	P	P	P	P	P	P	
SME17	Samruddhi Patil	P	P	P	P	P	P	P	P	P	P	P	
SME18	Shreeya Khobragade	P	P	P	P	P	P	P	P	P	P	P	
SME19	Shruti Suryawanshi	P	P	P	P	P	P	P	P	P	P	P	
SME20	Shunalika Walke	Internship								P	P	P	P
SME21	Swara Tupe	P	P	P	P	P	P	P	P	P	P	P	
SME22	Tannu Gaikwad	P	P	P	P	P	P	P	P	P	P	P	
SME23	Tanvi Mahankar	P	P	P	P	P	P	P	P	P	P	P	
SME24	Tejaswini Kinikhar	P	P	P	P	P	P	P	P	P	P	P	

7th Sem

Roll No.	Name of Students	10-01-22		11-01-22		12-01-22		13-01-22		15-01-22	
		S1	S2	S1	S2	S1	S2	S1	S2	S1	S2
7ME01	Amanjeet Kaur	A	A	A	A	A	A	A	A	A	A
7ME02	Divya Joshi	A	A	A	A	A	A	A	A	A	A
7ME03	Ishu Tembhare	A	A	A	A	A	A	A	A	A	A
7ME04	Jesika Sontakke	A	A	A	A	A	A	A	A	A	A
7ME05	Kalyani Kadwe	A	A	A	A	A	A	A	A	A	A
7ME06	Radhika Naitam	A	A	A	A	A	A	A	A	A	A
7ME07	Sayali Bhongade	A	A	A	A	A	A	A	A	A	A
7ME08	Sejal Singanjude	A	A	P	A	A	A	A	A	A	A
7ME09	Shruti Dhole	A	A	A	A	A	A	A	A	A	A
7ME10	Suhani Ambekar	A	A	A	A	A	A	A	A	A	A
7ME11	Swati Rahangdale	A	A	A	A	A	A	A	A	A	A
7ME12	Tanaya Khond	A	A	A	A	A	A	A	A	A	A
7ME13	Tannu Kanojya	A	A	A	A	A	A	A	A	A	A



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7ME14	Tejasvini Chavhan	A	A	A	A	A	A	A	A	A	A
7ME15	Trushna Suryawanshi	A	A	A	A	A	A	A	A	A	A
7ME16	Urvashi Shende	A	A	A	A	A	A	A	A	A	A
7ME17	Vaishnavi Ugale	P	P	P	A	A	A	A	A	A	A
7ME18	Yukta Kuhike	A	A	A	A	A	A	A	A	A	A
7ME19	Tejal Bele	A	A	A	A	A	A	A	A	A	A
7ME20	Soundarya Moon	P	P	A	A	A	A	A	A	A	A

S : Session

Test Results

Roll No.	Name of Students	Marks Obtained (Out of 20)
SME01	Achal Giradkar	14
SME02	Dhanashri Nirwan	15
SME03	Gayatri Deshpande	A
SME04	Leena Walke	13
SME05	Mahima Dubey	14
SME06	Mimanshi Tembhurne	8
SME07	Minal Gajbhiye	20
SME08	Pragati Murskar	18
SME09	Prajakta Gedam	12
SME10	Pratiksha Munde	12
SME11	Priyanka Chaudhari	14
SME12	Rina Kshirsagar	18
SME13	Rajia Biswas	12
SME14	Riya Kharparde	15
SME15	Rutuja Chaudhari	A
SME16	Sakshi Chawhare	10
SME17	Samruddhi Patil	12
SME18	Shreeya Khobragade	12
SME19	Shruti Suryawanshi	8
SME20	Shunalika Walke	A
SME21	Swara Tupe	15
SME22	Tannu Gaiwad	15
SME23	Tanvi Mahankar	12



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SME24	Tejaswini Kinhikar	18
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7th Sem

Roll No.	Name of Students	Marks Obtained (Out of 20)
7ME01	Amanjeet Kaur	A
7ME02	Divya Joshi	A
7ME03	Ishu Tembhare	A
7ME04	Jesika Sontakke	A
7ME05	Kalyani Kadwe	A
7ME06	Radhika Naitam	A
7ME07	Sayali Bhongade	A
7ME08	Sejal Singanjude	A
7ME09	Shruti Dhole	A
7ME10	Suhani Ambekar	A
7ME11	Swati Rahangdale	A
7ME12	Tanaya Khond	A
7ME13	Tannu Kanojiya	A
7ME14	Tejasvini Chavhan	A
7ME15	Trushna Suryawanshi	A
7ME16	Urvashi Shende	A
7ME17	Vaishnavi Ugale	A
7ME18	Yukta Kuhike	A
7ME19	Tejal Bele	A
7ME20	Soundarya Moon	A
7ME01	Amanjeet Kaur	A
7ME02	Divya Joshi	A
7ME03	Ishu Tembhare	A
7ME04	Jesika Sontakke	A

Dr. M. A. Shende
11/07/2023



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Skill Development Program (2021-22)

Sr. No.	Branch	Semester	No. Of days	Dates	Topic name	No. of students attended workshop	Resource Person
1	ME	VIII	5 days	10/1/2022	Introduction to Additive Manufacturing	12	Prof. Aditya Kawadaskar
				10/1/2022	Types of Additive Manufacturing	12	Prof. Yogesh Dandekar
				11/1/2022	Creation of CAD Models by Computer aided Design (CAD) Software	12	Prof. Sushil Lanjewar
				11/1/2022	Creation of CAD Models by Computer aided Design (CAD) Software	12	Prof. Sushil Lanjewar
				12/1/2022	Introduction and Hands on Practice on 3D printing Slicing Software by	12	Prof. Sushil Lanjewar
				12/1/2022	Introduction and Hands on Practice on 3D printing Slicing Software by	12	Prof. Sushil Lanjewar
				13/1/2022	Introduction to 3D printing Machine	12	Prof. Sushil Lanjewar
				13/1/2022	Working to 3D printing Machine	12	Prof. Sushil Lanjewar
				15/1/2022	Working to 3D printing Machine	12	Prof. Abhijit Getme
				15/1/2022	Working to 3D printing Machine	12	Prof. Abhijit Getme
				Topic		Resource Person	
					Introduction to Simulation in Mechanical Engineering Applications		Prof. N Bhave
			21 /1/22		Strength of Materials and Design Concepts for Ansys		Prof. Yogesh Dandekar
					Engineering Data and Material Models in Ansys		Prof. Yogesh Dandekar



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2	ME	IV sem	6 days	24/1/22	Meshing and Applying Boundary Conditions to CAD Models	Prof. N Bhave
				25/1/22	Finite Element Analysis : Introduction and Concepts in Ansys	Prof. Yogesh Dandekar
					Creation of CAD Models	Prof. Yogesh Dandekar
				27/1/22	Types of analysis (Structural, Thermal, Vibratic	Prof. Yogesh Dandekar
					Post Processing	Prof. N Bhave
				28/1/22	Intoduction and Solution Methodology to Structural Analysis Problem (PART 1)	Prof. N Bhave
					Methodology to Thermal Analysis Problem (PART 1)	Prof P Mahankar
29/1/22	Intoduction and Solution Methodology to Structural Analysis Problem (PART 2)	Prof P Mahankar				
	Intoduction and Solution Methodology to Thermal Analysis Problem (PART 2)					

3	ME	Vth and VII th Sem	6 Days	16/08/2021	Critical Thinking	33	Prof.Nikhil Bhave
				16/08/2021	Skills for Industry 4.0	33	Mr. Tushar Kanikdale
				17/08/2021	Life Skills	33	Shri. Pratap Shukla and Dr. Shailesh Khekale
				18/08/2021	Collaboration	33	Prof.Yogesh Dandekar
				19/08/2021	Communication	33	Prof.Rashmi Deshpande
				20/08/2021	Literacy Skills	33	Prof.Prasanna Mahankar
				21/08/2021	Creativity	33	Prof.Aditya Kawadaskar

4	ME	III rd Sem	6 Days	20/09/2021	Links and Mechanisms	22	Prof. Aditya Kawadaskar
				21/09/2021	3-D Printing Use in Bio-Medical and Socio-Technical Projects	22	Er. Abhijeet Raut (Reshearch Scholar and Entraprenuer)
					Introduction to Manufacturing Process	22	Dr. S Khekale
				22/09/2021	Automation Skills for Industry	22	Er. Kapil Pandav (Industry Person)
					Requirements of Indian Industries in Mechanical Engineering and Prospects	22	Er.Ravindra Kinikar (Industry Person)
				23/09/2021	Application of Thermal Engineering	22	Prof. Prasanna Mahankar
					Blue Print Reading	22	Prof. Sushil Lanjewar
				24/09/2021	Ventilation System	22	Er. Mayur Bhole (Industry Person)
					Basic Steps of Design	22	Prof. Vikram Dandekar
				25/09/2021	Patent & IPR	22	Dr. Vinod Kumar Soni (Industry Person)
					Cold Storage Requirements & Opportunities	22	Er.Nitin Rewatkar (Industry Person)
					Time Study	22	Dr. Mahesh Shukla

Chauhan
 HOD, Mechanical



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Academic year 2020-21



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One Week Skill Development Program

Every year in every semester Cummins College of Engineering for Women, Nagpur organizes one week skill development Program for all the branches for each semester. The details of the Skill development from are listed below.

One Week Skill Development Program by Department of Mechanical Engineering

Schedule of Skill Development Program

Topic: Fundamentals of Robotics and application

01 August 2020 to 07 August 2020

Sr. No.	Date	Topic	Time	Resource Person
01	1/8/2020	Basic Fundamentals of Industrial Robotics	10.30 am to 12.30 am	Prof. Sushil Lanjewar
02	3/8/2020	Kinematics of Robotics By Prof. Aditya Kawadaskar	10.30 am to 12.30 am	Prof. Aditya Kawadaskar
03	4/8/2020	Robotics in Thermal	10.30 am to 12.30 am	Prof. Prasanna Mahankar
04	5/8/2020	Application of Robotics In Manufacturing	10.30 am to 12.30 am	Dr. Shailesh Khekale
05	6/8/2020	Application of Robotics In Automobile	10.30 am to 12.30 am	Prof. Vikram Dandekar
06	7/8/2020	Nano Robotics	10.30 am to 12.30 am	Prof. Abhijeet Getme



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Details about Faculties who have taken the Skill Development Week



Prof. Sushil Lanjewar

B.E.(Production) M.Tech(CAD/CAM)



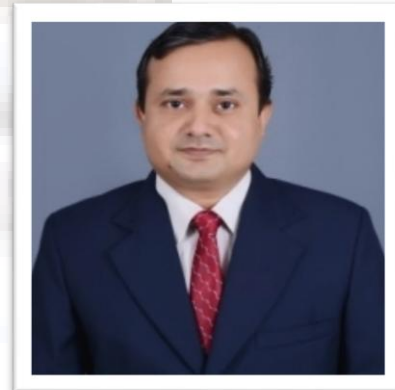
Prof. Abhijeet Getme

B.E. (Mechanical), M.Tech (Industrial Engineering), PhD(Pursuing)



Prof. Vikram Dandekar

M.Tech(CADMA), B.E.(Mechanical), DME



Dr. Shailesh Khakale

B.E. (Mechanical), M.Tech (Industrial),
Ph.D(Mechanical Engineering)

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Prof. Prasanna Mahankar

B.E. (Mechanical), M.Tech. (Thermal
Engineering), PhD (Pursuing)



Prof. Aditya Kawadaskar

B.E. (Mechanical), M.Tech (Production)



Kautilya

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Attendance of Skill Development Program

3rd SEMESTER

Sr. No	Name of student	01/08/20	03/08/20	04/08/20	05/08/20	06/08/20	07/08/20
01	Amanjeet Kaur	P	P	P	P	P	P
02	Divya Joshi	P	P	P	P	P	P
03	Ishu Tembhare	P	P	P	P	P	P
04	Jesika Sontakke	A	A	A	A	A	A
05	Kalyani Kadwe	P	P	P	P	P	P
06	Radhika Naitam	P	P	P	P	P	P
07	Sayali Bhongade	P	P	P	P	P	P
08	Sejal Singanjude	P	P	P	P	P	P
09	Shruti Dhole	P	P	P	P	P	P
10	Suhani Ambekar	P	P	P	P	P	P
11	Swati Rahangdale	P	P	P	P	P	P
12	Tanaya Khond	P	P	P	P	P	P
13	Tannu Kanojiya	P	P	P	P	P	P
14	Tejasvini Chavhan	A	A	A	A	A	A
15	Trushna Suryawanshi	P	P	P	P	P	P
16	Urvashi Shende	P	P	P	P	P	P

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17	Vaishnavi Ugale	P	P	P	P	P	P
18	Yukta Kuhike	P	P	P	P	P	P
19	Tejal Bele	A	A	A	A	A	A
20	Soundarya Moon	A	A	A	A	A	A

5th SEMESTER

Sr. No	Name of student	01/08/20	03/08/20	04/08/20	05/08/20	06/08/20	07/08/20
01	Aakanksha Niranjana Deshpande	P	A	A	P	A	P
02	Ankita Singh	P	P	P	P	P	P
03	Apurva Sharma	P	P	P	P	P	P
04	Dipti Avinash Gawande	P	A	P	P	A	P
05	Hunny Zalke	P	P	P	P	P	P
06	Pranali Mahant	P	P	P	P	P	P
07	Runali Vijay Gurnule	P	P	P	P	P	P
08	Samiksha Sunil Choudhari	P	P	P	P	P	P
09	Samiksha Tembhare	P	P	P	P	P	P
10	Shivani Tete	P	P	P	P	P	P
11	Shwetali Suresh Sorte	P	P	P	P	P	P

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7TH SEMESTER

Sr.No	Name of student	01/08/20	03/08/20	04/08/20	05/08/20	06/08/20	07/08/20
01	Amruta Sanjay Joshi	P	P	P	P	P	P
02	Anjali Borkute	P	P	P	P	P	P
03	Anjali Sunil Puri	P	P	P	P	P	P
04	Divya Ishwar Dadmal	P	P	P	P	P	P
05	Kajal Sheshrao Bawankar	P	P	P	P	P	P
06	Kalyani Shyam Bhake	P	P	P	P	P	P
07	Kritika S.Prabhakar	P	P	P	P	P	P
08	Nidhi Rakesh Kumar	P	P	P	P	P	P
09	Nikita Vilas Ambekar	P	P	P	P	P	P
10	Payal Suresh Goge	P	P	P	P	P	P
11	Prachi Pankaj Bhajan	P	P	P	P	P	P
12	Pratiksha Giridhar Kamdi	P	P	P	P	P	P
13	Pratiksha Sanjay Malode	P	P	P	P	P	P
14	Ritu Rajendra Itankar	P	P	P	P	P	P
15	Ruchika Pradip Khangar	P	P	P	P	P	P
16	Rutuja Laxmikant Mahajan	P	P	P	P	P	P
17	Shachi Mohan Deshpande	P	P	P	P	P	P
18	Shivani Shrinivas	P	P	P	P	P	P

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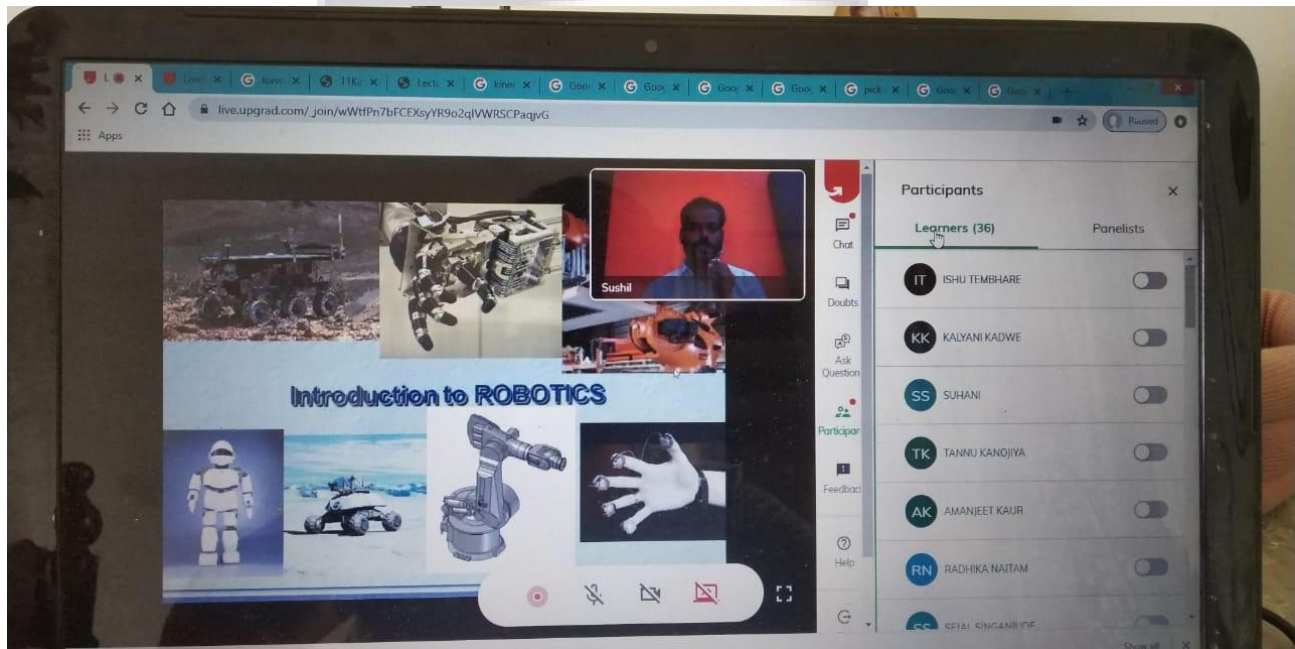
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	Shrikhandkar						
19	Shweta Kawdu Kumbhalkar	P	P	P	P	P	P
20	Sneha Maroti Koparkar	P	P	P	P	P	P
21	Tanvi Jamdagni Patle	P	P	P	P	P	P
22	Vaidehi Rajiv Lule	P	P	P	P	P	P



Screenshot of Online Session



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**One Week Skill Development Program by Department of Electronics
and Telecommunication Engineering**

Day	Date	Session I 9:00am to 12:15pm		Session II 1:00pm to 3.30pm
Day1	4/2/21	Introduction to LABVIEW	Lunch Break 12:15pm to 1:00pm	Installation of LABVIEW
Day2	5/2/21	Basics of LABVIEW		Basics of LABVIEW
Day3	6/2/21	Programming of LABVIEW		Examples of mathematical Operations
Day4	7/2/21	Basics functions of LABVIEW		Application based examples(LED Blinking)
Day5	8/2/21	Application based examples(Seven Segment Display)		Application based examples(Calculator making)



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Attendance of Labview organized by Department of Electronics and
Telecommunication for 4th and 6th Semester

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Date: 04/02/2021
Department of Electronics & Telecommunication Engineering
Workshop on "LAB VIEW Program" 4th Feb to 8th Feb, 2021
CCOEW/Dept. of ETC/2020-21

Attendance record

Sr. No.	Roll No	Student's Name	4/2/2021	5/2/2021	6/2/2021	7/2/2021	8/2/2021
1	4ETC01	Aaknsha Hingwe	P	P	P	P	P
2	4ETC02	Apurva Nimishe	P	P	P	P	P
3	4ETC03	Maithili Kakde	P	P	P	P	P
4	4ETC04	Neha Khewale	P	P	P	P	P
5	4ETC05	Pallavi Gajghate	P	P	P	P	P
6	4ETC06	Pooja Reshimwale	P	P	P	P	P
7	4ETC07	Sejal Dahake	P	P	P	P	P
8	4ETC08	Shreha Mishra	P	P	P	P	P
9	4ETC09	Sneha Thakur	P	P	P	P	P
10	4ETC10	Trupti Dipakwar	P	P	P	P	P
11	4ETC11	Vishakha Talmale	P	P	P	P	P
12	6ETC 01	Aditi Joshi	P	P	P	P	P
13	6ETC 02	Aishwarya Sarade	P	P	P	P	P
14	6ETC 03	Ankita Shewale	P	P	P	P	P
15	6ETC 04	Apoorva Sonule	P	P	P	P	P
16	6ETC 05	Ashwini Mate	P	P	P	P	P
17	6ETC 06	Chaitali Jerpotwar	P	P	P	P	P
18	6ETC 07	Ishwari Halmare	P	P	P	P	P
19	6ETC 08	Kalyani Joshi	P	P	P	P	P
20	6ETC 09	Ketki Borkar	P	P	P	P	P
21	6ETC 10	Ketki Nilajkar	P	P	P	P	P
22	6ETC 11	Mayuri Umare	P	P	P	P	P
23	6ETC 12	Radhika Deshpande	P	P	P	P	P
24	6ETC 13	Samiksha Kshirsagar	P	P	P	P	P
25	6ETC 14	Shivani Pusadkar	P	P	P	P	P
26	6ETC 15	Vaibhavi Varma	P	P	P	P	P
27	6ETC 16	Varada Puranik	P	P	P	P	P
28	6ETC 17	Vinita Waxar	P	P	P	P	P

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Network Simulator Workshop

Day	Date	Session I 9:00am to 12:15pm		Session II 1:00pm to 3.30pm
Day1	27/1/21	Introduction to NS and its Basic Versions	Lunch Break 12:15pm to 1:00pm	Basics of NS2
Day2	28/1/21	Basics of NS2 Continued		Installation of VMware and NS
Day3	29/1/21	Programming of NS2		Examples of NS2 continued
Day4	30/1/21	Basics of NS3		NS3 programming examples
Day5	1/2/21	Hands-on on Zigbee		Hands-on on WSN



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**Attendance of Network Simulator organized by Department of
Electronics and Telecommunication for 8th Semester**

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CCOEW/Dept. of ETC/2020-21 Date: 27/01/2021

Department of Electronics & Telecommunication Engineering
Workshop on "Network Simulator" 27/01/2021 to 1/02/2021
Attendance record

Sr. No.	Roll No	Student's Name	27/1/2021	28/1/2021	29/1/2021	30/1/2021	31/1/2021	1/2/2021
1	8ETC01	Aarti Nagpure	P	P	P	P	P	P
2	8ETC02	Bhuvana Kumbhare	P	P	P	P	P	P
3	8ETC03	Divya Joshi	P	P	P	P	P	P
4	8ETC04	Garima Singh	P	P	P	P	P	P
5	8ETC05	Hemlata Pounikar	P	P	P	P	P	P
6	8ETC06	Himane Padole	P	P	P	P	P	P
7	8ETC07	Indrayani Ghusalikar	P	P	P	P	P	P
8	8ETC08	Kirti Degawar	P	P	P	P	P	P
9	8ETC09	Krutika Chavan	P	P	P	P	P	P
10	8ETC10	Manasi Palshikar	P	P	P	P	P	P
11	8ETC11	Megha Hanumante	P	P	P	P	P	P
12	8ETC12	Nandini Menjoge	P	P	P	P	P	P
13	8ETC13	Neha Yadav	P	P	P	P	P	P
14	8ETC14	Pallavi Dahake	P	P	P	P	P	P
15	8ETC15	Pranjali Gujar	P	P	P	P	P	P
16	8ETC16	Radhika Talhan	P	P	P	P	P	P
17	8ETC17	Raksha Singhal	P	P	P	P	P	P
18	8ETC18	Rashmi Fating	P	P	P	P	P	P
19	8ETC19	Shweta Ukande	P	P	P	P	P	P
20	8ETC20	Vaishnavi Tumsare	P	P	P	P	P	P

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Mouje Sukli (Gupchup), Hingna, Nagpur-441110





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- The institute has organized various programs regarding Indian Knowledge System like Tricks of Vedic Mathematics, Madhubani Art, Kalamkari Art, UHV, Yoga.

- **Universal Human Values (UHV)**
- **3 day workshop on Madhubani Art for beginners**
- **Tricks of Vedic Mathematics**
- **Importance of Workout and yogasana in daily life with practical**
- **5-day workshop on Kalamkari Art for beginners**
- **Webinar on Mental Health of College Students**
- **Guest session on Adolescent nutrition, health, and Emotional aspects**



Kaivalind

Dr. Milind Khanapurkar
Principal

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Report: Universal Human Values (UHV)
(From 2nd Oct.2022 to 16th Nov.2022)

Allied Science department of Cummins college of Engineering for women, Nagpur had organized workshop on Universal Human Values from 2nd Oct.2022 to 16th Nov. 2022 for First year students in Student's Induction program. The workshop was divided in to 5 sessions. The student Induction program is now the part of the model curriculum of UG in Engineering and Technology as per AICTE guidelines. Along with many modules "Universal human values" is emphasized to be discussed with the students.

Objectives of the workshop on UHV

- To help the student to see the need for developing a holistic perspective of life.
- To sensitize the student about the scope of life – individual, family, society, and nature/existence
- Strengthening self-reflection
- To develop more confidence and commitment to understand, learn and act accordingly.



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Universal Human Values (UHV)

The purpose is to help develop a holistic perspective about life. The aim of NEP 2019 to make “Just and Equitable society” is achieved by imparting knowledge and skills with universal human values.

Methodology and Content

- A self-reflective methodology of teaching is adopted. It facilitates understanding through self-exploration. The dialogue starts between the faculty and the student.
- It opens the space for the student to explore his/her role (value) in all aspects of living – as an individual, as a member of a family, as a part of the society and as a unit in nature
- Through this process of self-exploration, students can discover the values intrinsic in them.

Values are our guidelines for our success - our paradigm about what is acceptable. Human behaviour depends on the characters defining the identity, choosing the values, and establishing the beliefs.

The speakers of the sessions were Prof. R. Deshpande, Prof.P. Gorantiwar and Dr. S. Bompilwar. This workshop was aimed to help the student to see the need for developing a holistic perspective of life, to sensitize the student about the scope of life – individual, family, society, and nature/existence, to strengthening self-reflection and to develop more confidence and commitment to understand, learn and act accordingly.

The topics of discussion included were as follows.



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Universal Human Values (UHV)

Session 1 – Introduction and Overview, Basic Human Aspiration, Intentions & competence, Company, Happiness

Session 2 – Right Understanding, Natural Acceptance, Confidence, Relationships

Session 3 – Family Expectations, Prosperity, Competition and Cooperation, Competition and Excellence, Self and Body

Session 4 – Harmony, Four Orders (Material order, Plant order, Animal order, Human order), Gratitude

Session 5 – Panel Discussion and Reflections from participants

The students actively participated in all the brainstorming sessions of UHV.

The workshop was coordinated by Prof. R. Deshpande.



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Glimpses

Universal Human Values (UHV)



Coordinator (Student Induction Program)

Prof. R. Deshpande

Dean Academics

Dr. S. Shastri



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Report: 3 day workshop on Madhubani Art for beginners
(By Mrs. Swapna Bhagwat 14Nov2022 & 16Nov2022)

Allied Science department of Cummins college of Engineering for women, Nagpur arranged 3day workshop on **Madhubani Art for beginners** under skill development activity for First year students in Student's Induction program. The workshop was conducted by Mrs. Swapna Bhagwat. She is a professional artist and silver medal award winner in MFA. Students were introduced the oldest art form Madhubani painting, which is from Mithila, Bihar. In 3 day workshop students were taught the basic form of the madhubani art then later on painting was taught to them. More than 50 students attended the workshop. Students enjoyed a lot. Their paintings were displayed on students' induction program open up day. The Workshop was coordinated by Prof. R. Deshpande.



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Report: Tricks of Vedic Mathematics
(By Dr. S. Shastri 7th Nov. to 10th Nov. 2022)

Allied Science department of Cummins college of Engineering for women, Nagpur arranged 4-day workshop on Tricks of Vedic Mathematics from 7th Nov. to 10th November 2022 for First year students in Student's Induction program. Vedic mathematics is the ancient system of calculation which was drawn from the Vedas between 1911 and 1918 in India. The advantage of Vedic mathematics is that it allows for uncomplicated problem-solving methods for difficult arithmetic problems and large sums. Our daily life entails numerous calculations involving basic functions such as addition, subtraction, multiplication, and division. For students to be acquainted with the nuanced techniques of calculation, a workshop was conducted by Dr. Sanjiwani Shastri. Students were keen to learn and seemed to have become enabled to calculate faster and more accurately by the end of the workshop. The workshop was coordinated by Prof. R. Deshpande.



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**Report: Importance of Workout and yogasana in daily life with practical
(By Mr. Rahul Kanitkar, The Healthy Zone, Fitness club 9Nov2022 &
16Nov2022)**

Allied Science department of Cummins college of Engineering for women, Nagpur arranged 2day Fitness sessions for First year students in Student's Induction program. The session was conducted by Mr. Rahul Kanitkar, a professional Yoga and fitness trainer and owner of **The Healthy Zone, Fitness club, RamNagar, Nagpur**. Two live yoga sessions were conducted by Mr. Rahul Kanitkar and his team on 9th Nov 2022 and 16th Nov.2022. The sessions focused on improving mental well-being and concentration. He explained Objectives & Outcomes of Yoga, Importance of workout and yoga, Benefits of Yoga practice in daily life, Flexibility & Mobility Asanas, Surya Namaskara Asanas, Sitting Asanas, Immunity boosting asanas and Stress Management and relaxation technics. The issues and the problems related to menstruation caused by worry and stress were also explained to the students. More than 80 students attended the sessions. The sessions were highly appreciated by the students.



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Report: Importance of Workout and yogasana in daily life with practical



Students participating in Yoga Sessions



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Department of Allied Science

**Report: 5-day workshop on Kalamkari Art for beginners
(By Mrs. Swapna Bhagwat 20Dec2021 to 24Dec2021)**

Allied Science department of Cummins college of Engineering for women, Nagpur arranged 5day Online workshop on **Kalamkari Art for beginners** under skill development activity for First year students in Student's Induction program. The Online workshop was conducted by Mrs. Swapna Bhagwat. She is a professional artist and silver medal award winner in MFA. Students were introduced the oldest art form Kalamkari painting. In 5 day workshop, students were taught the basic form of the kalamkari art then later on painting was taught to them. More than 50 students attended the workshop. Students enjoyed a lot. Their paintings were displayed on students' induction program openup day. The workshop was coordinated by Prof. R. Deshpande.



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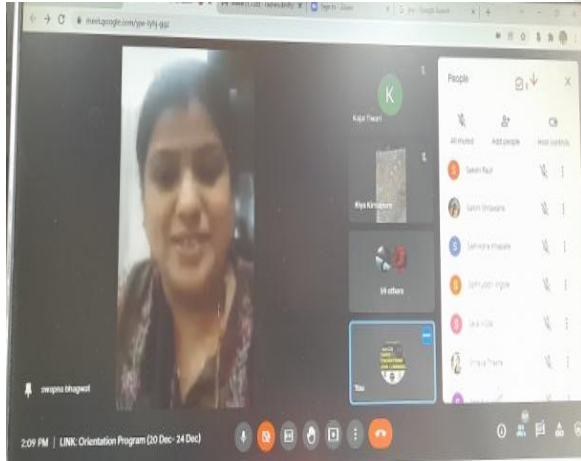
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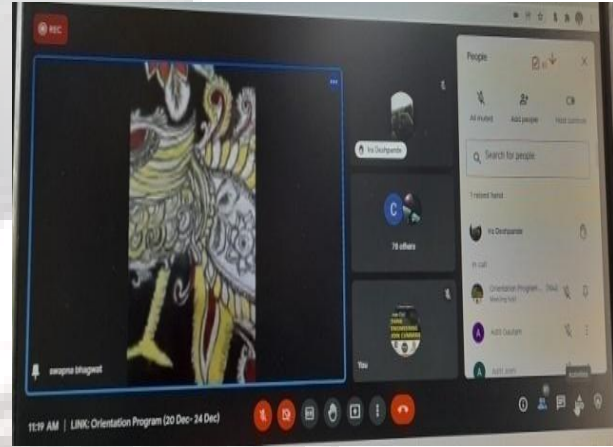
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Report: 5-day workshop on Kalamkari Art for beginners

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Online Kalamkari Art Workshop by
Ms. S.Bhagwat



Online Kalamkari Art workshop



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Department of Allied Science
Report: Adolescent nutrition, health, and Emotional aspects
(By Dr. Ragini Mandlik 3rd Nov2022)

Allied Science department of Cummins college of Engineering for women, Nagpur arranged a guest session on **Adolescent nutrition, health, and Emotional aspects** for First year students in Student's Induction program on 3rd Nov.2022 at Cummins College of Engineering for Women, Nagpur. The session was conducted by Dr. Ragini Mandlik, a renowned Gynaecologist of Nagpur. DR. Mandlik focused on importance of Food and nutrition for improving mental well-being and concentration. She explained the importance of balanced diet and benefits of nutritious food intake in daily life. She also explained the effects of improper eating habits on emotional health. The issues and the problems related to menstruation caused by imbalanced lifestyle, lack of nutritious diet, worry and stress were also explained to the students. More than 60 students attended the sessions. The session was highly appreciated by the students. Prof.R.Deshpande was the coordinator of the SIP.



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Adolescent nutrition, health, and Emotional aspects

Letter of Thanks

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CCoEW/ C-Office/ 540 /2021 Date: 24th Dec 2021

LETTER OF THANKS

To,
Mrs. Swapna Bhagwat
Nagpur.

Dear Sir,

We are thankful to you for sharing your knowledge and sparing your valuable time with our students. We are sure that our students got benefited by your guidance on "Kalamkari Art for Beginners".

I would like to personally thank you for this co-operation and looking forward for further interaction.

With Best Regards

Dr. B. P. Joshi
Principal

Received
Swapna Bhagwat
24th Dec 21

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Department of Allied Science
Report: Webinar on Mental Health of College Students
On 28Dec.2021 by Ms. Prerna Patil

Allied Science department of Cummins college of Engineering for women, Nagpur organized a special Webinar on Mental Health of College Students in Student's Induction program. An exclusive webinar was conducted on 28th Dec 2021 by the psychologist Ms. Prerna Patil. The speaker started with an activity in which the participants had to become aware of the surroundings around them. She explained how being aware in the present moment can cut our association with the negative thoughts related to the past and anxious expectations of the future which can further lead to experiencing the present moment with full awareness. Further she explained what mindfulness really means and explained it with a couple of examples. She also mentioned the various benefits of practicing mindfulness, advantages of practicing mindfulness regularly and its impact on mental health. The session was highly appreciated by students. More than 50 students attended the sessions through an online platform.



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Webinar on Mental Health of College Students



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Incubation Center



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The institute is a **Government of India MSME recognized host institute** that provide support to entrepreneurs and start-ups, such as mentorship, and access to funding. The main objective of the Grant-in Aid scheme is to promote and support untapped creativity of individuals and to promote adoption of latest technologies in manufacturing as well acknowledge innovative MSMEs (ventures) that seek the validation of their ideas at the proof of concept level. The scheme also supports engagement with Enablers who will advise such MSMEs in expanding the business by supporting them in design, strategy and execution

- **Email communication for Incubation Center**
- **Consultative Workshop for Incubator: Ideas for New India**
- **German Delegates visited Cummins College**
- **MSME Idea Hackathon 2.0**
- **Patent Fest -2023**
- **Internal Smart Hackathon**
- **Hackathon : Avishkaar 1.0 – Ideate-Innovate-Exhibit**
- **Atal Tinkering Workshop at Somalwar High School**



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Email communication for Incubation Center



shailesh Khekale <shailesh.khekale@cumminscollge.edu.in>

Fwd: Recognition of the Institute as Host Institute (HI) / to setup/establish Business Incubator(BI) for implementation of the scheme namely 'Support for Entrepreneurial and Managerial Development of MSMEs through Incubator' -reg.

1 message

Harshwardhan Kharpate <harshwardhan.kharpate@cumminscollge.edu.in>
To: shailesh Khekale <shailesh.khekale@cumminscollge.edu.in>

Thu, Feb 1, 2024 at 8:34 AM

----- Forwarded message -----

From: Admin Department <office@cumminscollge.edu.in>

Date: Sat, 4 Jan, 2020, 3:01 pm

Subject: Fwd: Recognition of the Institute as Host Institute (HI) / to setup/establish Business Incubator(BI) for implementation of the scheme namely 'Support for Entrepreneurial and Managerial Development of MSMEs through Incubator' -reg.

To: <harshwardhan.kharpate@cumminscollge.edu.in>

----- Forwarded message -----

From: my.msme.gov.in <helpline-msme@gov.in>

Date: Sat, Jan 4, 2020 at 1:01 PM

Subject: Recognition of the Institute as Host Institute (HI) / to setup/establish Business Incubator(BI) for implementation of the scheme namely 'Support for Entrepreneurial and Managerial Development of MSMEs through Incubator' -reg.

To: <office@cumminscollge.edu.in>

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(सूक्ष्म, लघु एवं मध्यम उद्यम)
सूक्ष्म, लघु एवं मध्यम उद्यम मंत्रालय
(भारत सरकार)

डिपार्टमेंट भवन, सराफी मंडल, मौलाना आज़ाद रोड,
नई दिल्ली-110 108



OFFICE OF THE DEVELOPMENT COMMISSIONER
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MINISTRY OF MICRO, SMALL & MEDIUM ENTERPRISES
GOVERNMENT OF INDIA

Nirman Bhawan, 7th Floor, Maulana Azad Road,
New Delhi-110 108

Ph. EPAX-23063800, 23063802, 23063803, 23063804, 23063805 & 23063806

File No. : NIL

Date : 04-01-202

To,

Cummins College of Engineering For Women, Nagpur

Sir,

The proposal submitted by your Institute for its recognition as Host Institute for implementation of the scheme "Support for Entrepreneurial and Managerial Development of MSMEs through Incubator" has been considered & approved during Meeting of PMAC held on 20/12/2019 at New Delhi.

In view of the above you are requested to upload Undertaking duly signed and stamped as per proforma (Attached). Only after that, your Institute will become eligible to submit new innovative idea for getting financial support under the scheme as per guidelines.

Download Undertaking for Utilization of Funds proforma Click here

Yours faithfully,

(M. K. Saraswat)
Director(NMCP)
E-mail: incubator-msme@gov.in



Kaailind

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■ Tel. No. : 9657667030 ■ E-mail : office@cumminscollge.edu.in,
■ website : www.cumminscollge.edu.in

Mouje Sukli (Gupchup), Hingna, Nagpur-441110





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**Undertaking for Utilization of Funds under the Scheme for
Providing Support for Entrepreneurial and Managerial
Development of MSMEs through Host Institute**

1.0 Name of authorized signatory Dr. Bharatbhushan P. Joshi for the Host Institution as Principal of Cummins College of Engineering for Women, Nagpur as approved by the PMAC and its legal status, having its registered office at Mouje Sukli (Gupchup), Taluka : Hingna, District Nagpur - 441110

2.0 RESPONSIBILITIES OF THE HOST INSTITUTE(HI)

2.1 The HOST INSTITUTE shall undertake to create (if not already created) an entity for undertaking innovative and entrepreneurship development activities and executing obligations under the proposed SCHEME .This entity is referred hence forth as the Business Incubator (BI).

2.2 The activities of the BI shall include:

2.2.1 Nucleation of new innovative ideas by creating the environment and opportunities for know- how providers, entrepreneurs and financiers to meet each other and form business teams;

2.2.2 Nurturing businesses in their start-up phase by creating and running an efficient BI offering not only space but also access to technology support, business mentoring, networks, scientific and information resources, and a generally conducive and supportive environment; and

2.2.3 Promoting and running an active programme for identification, creation, acceleration and translation (into practice) of innovative ideas suitable for new venture creation.

2.3 The HOST INSTITUTE shall provide ready-to-use, dedicated space for housing and operation of the BI.

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2.4 The HOST INSTITUTE shall be responsible for providing access to basic infrastructural facilities, office facilities and laboratory/facilities for the BI.

2.5 The HOST INSTITUTE shall be responsible for arranging the resources for the day-to-day operation of the BI.

2.6 The HOST INSTITUTE shall be responsible for the overall monitoring and evaluation of the BI on a periodical basis. The reports of the periodical review shall be made available to all the promoters of the BI.

2.7 The Incubation Centre shall be run by dedicated staff and shall also utilize the services of faculty/staff of the HOST INSTITUTE or experts from outside.

3.0 IMPLEMENTATION OF THE SCHEME AND FINANCIAL ARRANGEMENTS

3.1 The HOST INSTITUTE thereof shall vet the feasibility of the proposals received and recommend proposals to the Government for support under the SCHEME through the BI.

3.2 The HOST INSTITUTE shall ensure that the selection of entrepreneurs/incubatees is fair and utilization of the fund is done with fairness for the development and nurturing of the idea of the incubatee.

3.3 The HOST INSTITUTE shall ensure that the fund requested for are as per approved guidelines of the scheme only and as per procedure.

3.4 The HOST INSTITUTION shall maintain separate accounts of the funds received and expenditure incurred on various activities. Further, the HOST INSTITUTE would submit Annual Accounts, Audited expenditure Statement and Utilization Certificate to the Government as per procedure.

3.5 The HOST INSTITUTE shall submit the agreement as per prescribed format to be made between HI and Incubate to the Government before release of funds to the HOST INSTITUTE.

3.6 The assets created through the scheme shall not be transferred/disposed off without prior permission of the Government of India.

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3.7 In the event, it is found that the HI/BI has not utilized amount of grant, or any part of it, for the purpose or has subsequently disposed off any of the assets acquired out of the grant without prior permission of the Government, the Government without prejudice, shall be entitled to terminate this registration and may take necessary action as per procedure.

4.0 DISPUTE RESOLUTION

4.1 Any disputes shall be settled amicably between parties through the intervention and assistance of the Executive Head of the BI. If the dispute is not resolved, then the matter may be escalated to IANMIU and finally to Development Commissioner (MSME) whose decision shall be final and binding on all parties.

4.2 Any disputes, which cannot be settled amicably between the parties shall be referred for arbitration in accordance with the provision of Arbitration and Conciliation Act, 1996 to an arbitrator nominated by the Secretary, Department of Legal Affairs, M/o Law & Justice, Government of India. Provision of the Arbitration and Conciliation Act, 1996, as amended from time to time, shall be applicable. Courts in Delhi shall have jurisdiction in the matter.




Signature with stamp by the Host Institute

Dr. B. P. Joshi
(Principal)
MKSSS's, Cummins College of Engg. for Women
Hingna, Nagpur-441110

Page 3 of 3




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Report

Title: Consultative Workshop for Incubator: Ideas for New India

Date: 30th January 2020

Venue: Dr Ambedkar International Center, Janpath, New Delhi

One day consultative workshop for incubators has been conducted on 30th January 2020 by MSME (Ministry of micro, small and medium enterprises), AICTE, and GIZ in order to share views with all incubators selected under MSME across the country. Representatives from over 300 incubators from the country attended the sessions.

Description about the program:

On the inaugural function Mr.Chaman Lal Dhanda, Project Director, MSME, INNO, GIZ gave opening remarks. Mr. P Shrivastava, DDG Ministry of MSME spoke on basic strategies of MSME including various policies and impact of MSME in our economy. He also highlighted the problems on access to finance, market and better technology.

Mr. Abhay Jere Chief Innovation officer, Ministry of HRD stressed on participation of academic institutions in Smart India Hackathon, world's largest innovation model and IPR literacy is also an expectation from all institutions.at one side there are millions of problems and on other hand we have millions of students as well he said.

Mr. Abhishek Singh, IAS,CEO,MyGov, Ministry of Electronics and Information Technology spoke on role of digital media in startup promotion and MyGov will support to all the campaign



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Consultative Workshop for Incubator: Ideas for New India

Mr. Ram Mohan Mishra, IAS, Special Secretary & Development Commissioner, Ministry of MSME stressed on seven sutras each incubator to focus on.

1. To get inspired
2. Knowledge resources
3. Finance/Capital
4. Technology services
5. Infrastructure
6. Access to Markets
7. Governance part/ Compliances

When these seven things are there business happen. Each incubator has to be like **Phanus (Lamp Protection)** and protect and support the lamp of incubate. When you have collaborative approach along with seven sutras business pop ups he said.

Mrs. Mandeep Kaur , joint Development Commissioner, Ministry of MSME, explained how the campaign will be implemented across the country and role of incubators involved in this national challenge. Each Business Incubator should have their own existence.

Applicants will submit the idea and register themselves on portal with the choice of their incubation center. Incubation center will be provided with the applications from which they will have to scrutinize and forward **10 best ideas to MSME**. (5 from students and 5 Business ideas beyond students). Inventions/ideas should be under any of the three categories mentioned.



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Consultative Workshop for Incubator: Ideas for New India

1. Hon. PM identified Areas

- Water Recycling Technologies
- Recycling of waste water from household
- Development of low water intensive seeds
- To control leakage in supply chain
- Alternatives of Plastic
- Management of E- waste management
- Usage of crop residue
- Encouragement of bio-fuel usage
- Cost effective technologies for potable water
- Development of medical devices and Environment friendly vehicles under Make In India

2. Focus Areas

- Agricultural Aids for Mechanization and boosting Yield
- Agro Processing, Preserving & Packaging
- Environment, Water, Sanitation, Waste & Recycling Management
- Renewable Energy, EVs & Green Transportation
- Technology & Devices for Prevention, Diagnosis, Treatment & Rehabilitation of illness.
- Energy Efficiency & Automation for Industrial Manufacturing
- Infrastructure & Energy Efficient Housing
- Security, UAVs, Disaster Management & Defence

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Consultative Workshop for Incubator: Ideas for New India

Registration Portal : innovate.mygov.in/ideas-2020

Submission Time : 30th January 2020- 20th February 2020.

Mr. Mohit, Director, MINISTRY Of HRD spoke on Idea Content.

Mr. Vinod Kumar, President, ISF stressed on role of incubators. He gave some examples of startup incubators across the globe. He has suggested each incubation center to have an **advisory board**. Engage students in workshops/hackathons/challenges/Social outreach etc. to develop innovation culture. You must have strong industry relationship he suggested.

In post lunch Panel discussion representatives of selected incubators shared their experiences of successfully running an incubator. Session Moderator was Dr. Rahunandan Rajamani, Senior Incubation Expert and Panelist were

1. Mr. Abhishek Pareek, Banasthali Vidyapith
2. Dr. Dinesh Awasthi, Edi India
3. Mr. Stayender Shrivastava, TBI-KIET
4. Dr. Mrutyunjy Suar, KIIT-TBI

Each of them shared their views, experiences and challenges of running an incubator successfully and suggested to have incubation center as a separate entity.

Report Submitted By

Prof. H. Kharpatte



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German Delegates visited Cummins College

Defense industry related delegates Mr Knut Henschel, Head of Industrial participation and Mr Jurgen Mannicke from Berlin, Germany visited MKSSS's Cummins college of Engineering for women, Nagpur on 11th February 2020 for futuristic collaboration in skill development along with Lt. Gen. Ravindra Thodge from VDIH and former secretary MSME Dr. Dinesh Rai.

During the interaction with delegates Principal Dr. Bharatbhooshan Joshi gave information about samstha, facilities in college and various skill development programs that institute is running for the students. During the college visit delegates visited LabView lab which consisted of LabView software for graphical programming and industrial application & campus wide matlab with all 91 toolboxes. Further students and faculties from Electronics department also demonstrated IOT and FPGA based projects. Delegates also visited CAD lab to see the facilities on ANSYS, CREO and 3D printer and also demonstration on student's project. Delegates expressed their gratitude by appreciating the facilities at Cummins college of Engineering and shown their positive interest in future collaboration. Shri Milind Kukade, Chairman, Nagpur Prakalp of Samstha congratulated all and conveyed his best wishes.



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Principal Dr. Bharatbhoshan Joshi, Shri Milind Kukade, Chairman, Nagpur Prakalp of Samstha along with Lt. Gen. Ravindra Thodge from VDIH and former secretary MSME Dr. Dinesh Rai.



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MSME Idea Hackathon 2.0

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Ref No.: CCOEW/NGP/587/22-23 Date: 12/12/2022

MSME Idea Hackathon 2.0

Constitution of Cummins college of Engineering for Women, Nagpur Screening & Evaluation Committee

A committee comprising of the following members from different expert areas is constituted to evaluate and shortlist the potential ideas received in MSME Idea Hackathon 2.0 (as per the guidelines of MSME Innovative Scheme and guidelines for participation in MSME Idea Hackathon 2.0 & mandate) organized between 2nd October 2022 – 14th November 2022 by Ministry of MSME for further uploading on the MSME Innovative MIS Portal.

S. No.	Expert Category (Entrepreneur, Academician, Sector Expert, Tech. Expert...)	Name, Designation & Organization
01	Entrepreneur	Mr. Amol Nitave, CEO , EvolvingX
02	Sector Expert	Er. Meera Joshi, Marketing Director, Epsilon cables
03	Tech Expert	Mr. Rajvardhan Singh, JDMTECH Semiconductors, Pvt. Ltd
04	Representative from Host Institute	Dr. Sanjivani Shastri, Principal, CCOEW, Nagpur
05	Representative from Host Institute	Dr. Jitesh Shinde, Dean R&D
06	Representative from Host Institute	Dr. Mahesh Shukla, Dean , Metamorphosis
07	Representative from Host Institute	Prof. Harshwardhan Kharpatre, BIC Incharge

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(Signature of the Principal of the Institute)
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NAAC ACCREDITED
BUSINESS INCUBATION CENTRE



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Subject: Minutes of the Meeting of Cummins college of Engineering for Women, Nagpur
Screening & Evaluation Committee for shortlisting of Ideas received under MSME Idea Hackathon 2.0

A meeting was held on 12 December 2022 at 11:00 AM in online mode with the following members constituting the Screening & Evaluation Committee at Cummins BIC level for shortlisting of Ideas received under MSME Idea Hackathon 2.0.

S. No.	Expert Category (Entrepreneur, Academician, Sector Expert, Tech. Expert, etc.) & Representative from Host Institute (Head, BI Incharge, etc.)	Name, Designation & Organization	Signature
01	Entrepreneur	Mr. Amol Nitave, CEO, EvolvingX	Present
02	Sector Expert	Er. Meera Joshi, Marketing Director, Epsilon cables	Mjoshi
03	Tech Expert	Mr. Rajvardhan Singh	Present.
04	Representative from Host Institute	Dr. Sanjivani Shastri, Principal, CCOEW, Nagpur	GS
05	Representative from Host Institute	Dr. Jitesh Shinde, Dean R&D	[Signature]
06	Representative from Host Institute	Dr. Mahesh Shukla, Dean, Metamorphosis	[Signature]
07	Representative from Host Institute	Prof. Harshwardhan Kharpate, BIC Coordinator	[Signature]



1. Details of all ideas received at HI Level in MSME Idea Hackathon 2.0 as per the following Format.

S. No	Reference No.	Title of Idea
01	INC22BMH013812	Furniture form residue of nature
02	INC22BMH017919	Kisan Samruddhi 2.0
03	INC22BMH005863	Manufacturing a very low cost of EV retrofit kits for Auto rickshaw (3W)
04	INC22BMH011574	Snake repellent walking stick with torch for farmers.
05	INC22BMH005374	ASN WASTE MANAGEMENT SERVICES
06	INC22BMH018670	V-Library Education Private Limited
07	INC22BMH014766	Cashew Production
08	INC22BMH013359	Smart Uniform for Coal Mine Workers
09	INC22BMH014206	Positive Psychology Games on the theme Beti Bachao Beti Padhao



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Ref No.: CCOEW/NGP/587/22-23 Date: 12/12/2022

2. Details of the final recommended & not recommended Ideas at HI Level in MSME Idea Hackathon 2.0 as per the following Format.

S. No.	Reference No.	Title of Idea	Final Decision (Recommended/Not Recommended)	Proper Justification for final decision
01	INC22BMH013812	Furniture form residue of nature	Not Recommended	Not Reported
02	INC22BMH017919	Kisan Samruddhi 2.0	Recommended	Prototype Model is ready.
03	INC22BMH005863	Manufacturing a very low cost of EV retrofit kits for Auto rickshaw (3W)	Recommended	The proposed idea has a potential to grow
04	INC22BMH011574	Snake repellent walking stick with torch for farmers.	Recommended	Scope in Agriculture Domain
05	INC22BMH005374	ASN WASTE MANAGEMENT SERVICES	Recommended	Support required for the startup to grow
06	INC22BMH018670	V-Library Education Private Limited	Not Recommended	Not Reported
07	INC22BMH014766	Cashew Production	Not Recommended	Not Reported
08	INC22BMH013359	Smart Uniform for Coal Mine Workers	Not Recommended	Idea not clear.
09	INC22BMH014206	Positive Psychology Games on the theme Beti Bachao Beti Padhao	Not Recommended	Idea not defined properly.

Signature of Head of the Institute
PRINCIPAL
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Signature of Convener
&
Stamp

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MSME BUSINESS INCUBATION CENTRE



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Patent Fest -2023

Nagpur's first ever patent fest was organized by Vision Next Foundation in which patents and ideas were presented by various educational institutes and contestants of different age groups. The grand award ceremony of "Patents and Ideas fest" was held on 14th August 2023 at Kavivarya Suresh Bhat Auditorium, Nagpur. In this ceremony, devendra Fadnavis, Deputy Chief Minister of Maharashtra and Mangalprabhat Lodha, Minister of Skill and entrepreneurship Development along with Chief Patron of 'Patent Fest' felicitated 10 outstanding participants from Patent group as well as Idea group. In this ceremony, Prof. Pinky Gangwani from Cummins college of Engineering, Nagpur received one of the best idea award along with appreciation certificate and cash prize. Her idea is machine translation from English to Sindhi using rule based machine translation approach. She thanked Dr. Milind Khanapurkar, principal CCOEW, Nagpur for giving her opportunity, constant motivation and support to present her idea in the patent fest.



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Prof. Pinky Gangwani is receiving best idea award along with appreciation certificate and cash prize



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Email communication for remarkable contribution

31/10/2023, 13:45

Gmail - Gratitude for Your Remarkable Contribution to India's First-Ever Patent Fest



harshwardhan.kharpate <harshu.kharpate@gmail.com>

Gratitude for Your Remarkable Contribution to India's First-Ever Patent Fest

1 message

Patent Fest <innovation@patentfest.com>

Fri, Aug 18, 2023 at 2:37 PM

To: "harshu.kharpate@gmail.com" <harshu.kharpate@gmail.com>



We are writing to extend our sincere gratitude and appreciation to you and your esteemed institution for the pivotal role you played in ensuring the resounding success of India's first-ever Patent Fest.

The overwhelming success of this event would not have been possible without the active participation, dedication, and support from institutions like yours. Your commitment to promoting innovation and intellectual property was truly evident in the quality and enthusiasm exhibited by your students and faculty members throughout the fest.

The Patent Fest served as a unique platform for fostering collaboration, sharing insights, and celebrating the ingenuity of our nation's brightest minds. Your institution's contributions, ranging from thought-provoking presentations to engaging workshops, greatly enriched the overall experience for all attendees. Moreover, the event's positive impact will undoubtedly resonate within the academic and innovation communities for years to come.

<https://mail.google.com/mail/u/1/?ik=4f1cab535c&view=pt&search=all&permthid=thread-f:1774557235321277000&siml=msg-f:1774557235321...> 1/2



Kindly

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■ Tel. No. : 9657667030 ■ E-mail : office@cumminscollege.edu.in,
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31/10/2023, 13:45

Gmail - Gratitude for Your Remarkable Contribution to India's First-Ever Patent Fest

Please convey our gratitude to your faculty members, staff, and students who contributed to this achievement. Your dedication and passion are truly commendable, and we look forward to the opportunity to collaborate with you again on future initiatives of Patent Fest and continue our upcoming journey of fostering innovation and intellectual growth.

Should you have any feedback or suggestions on how we can further enhance and build upon this success, please do not hesitate to share.

Thank you once again for your invaluable support.

Warm Regards,
Sandip Joshi | Dr. Yogita Kasture
www.patentfest.com



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REPORT ON

**INTERNAL SMART
INDIA HACKATHON
2022**

Prepared by : Internal SIH Coordinator & Team
3/30/2022



Kindred

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Number of Participating Teams	12 [Twelve]
Number of teams appeared for Internal SIH 2022 [Offline Mode]	09 [Nine]
Number of teams appeared for Internal SIH 2022 [Online Mode]	03 [Three]

Venue:

Board Room, Wing –A, Ground floor, Cummins College of Engineering for Women, Nagpur.

Registrations:

Sr. No.	Name of Faculty Mentor	Problem Statement Selected	PS number	Team members (Name of students) [Branch,Year]
1	Prof Nikhil A Bhawe	Suggest an innovative technical approach to address the air pollution and stubble burning in Delhi/NCR.	Sr No 129: PS no. BV807	Tannu Kanojiya Kalyani Kadwe Swati Rahangdale Vaishnavi Ugale Urvashi Shende Sayali Bhongade
2	Prof.S.Bhattacharya	Sustainable and No Contact Attendance system	Sr.no. 182, PS No. PK860	Chaitali Jerpotwar Varada Puranik Vinita Waxar Anushtha Sharma Rithika Nethi Neha Singh
3	Prof Nikhil A Bhawe	Student Innovation	Sr No 279: PS no. SM959	Yukta Kuhike Tanaya Khond Radhika Naitam Shruti Dhole (GL) Amanjeet Kaur Trushna Suryawanshi
4	Dr. Kanchan Wagh	Develop a drone based ambulances system to avert the challenges faced on ground during golden hour reaction time	Sr. No. 487	Sneha Thakur Sejal Dahake Pooja Reshimwale Maithili Kakde Pallavi Gajghate Trupti Dipakwar



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5	Prof. Abhilasha Borkar	Portal to Know about various National and International scholarships	Sr. No. 12	Khushi Bhushan Grusha Dadiyal Harsha Rashmi Kumari Pragati Patle Neha Parween
6	Prof. Sakshi Khamankar	Develop solution/Application to regulate private health care sector in india from exploiting people during medical emergencies and pandemic situation	Sr. No. 484	Srimoyee dutta Vaishali Pathania Amruta Kashikar Aditi Bhardwaj Harshal Jodangade Divya Wandhare
7	Dr. A. H. Gedam	Student Innovation	Sr. No. 288, SM 968	Vibhu Kumari Princi Srushti Khiratkar Kshipra Deshpande Vaishnavi Kande
8	Dr. A. H. Gedam	Solution to establish zero waste society with proper waste disposal management	Sr. no. 185, SG863	Suhani Kelapure Vaishnavi Giradkar Yeeyakshu Deo Vaishnavi Gujjalwar Apurva Bahade Sanika Warnekar
9	Dr. A. H. Gedam	Tracking, reducing and reusing of plastic waste	Sr. No. 186, SG864	Shruti Chandra Aarya Shukla Vaishnavi Pawar Akansha Hajare Gunajan Rane Urvashi Shah
10	Dr. Shailesh Khekale, Prof. Aditya Kawadaskar	Knee support for elderly for transferring body weight to shoe	Sr.No.380, PS:DA1063	Pragati Muraskar II Mech Priyanka Chaudhary II Mech Rina Kshirsagar II Mech Razia Biswas II Mech Samrudhi Patil II Mech



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11	Saroj Sahu	To develop automatic irrigation system by use of waste water for small irrigation field.	Sr. No. 375, AU1058	Rasika Wakhore [ETC, 2nd Year]
				Eesha Thakare [ETC, 2nd Year]
				Avanti Panchbudhe [ETC, 2nd Year]
				Sakshi Bhakare [ETC, 2nd Year]
				Sakshi Tonge [ETC, 2nd Year]
				Sejal Nimkar [ETC, 2nd Year]
12	Amit Fulsunge	Drone Neutralisation Technique in city/crowded areas to neutralise drones without hampering other radio signals or other	Sr.No. 300 AT981	Vanshika Pardhi
				Shweta Harle
				Isha Meshram
				Rutika Waghmare
				Mansi Gaikwad
				Asawari Patil



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Attendance

Maharshi Karve Stree Shikshan Samstha's
CUMMINS COLLEGE OF ENGINEERING FOR WOMEN
Sharpening Engineering Acumen with a Difference

Entries for SMART INDIA HACKATHON 2022
Attendance for Ideation Seminars Date: 05/03/2022

Sr.No.	Group No.	Name of students/group members	Year	PS number	Problem Statement	Idea/s to be implemented	Attendance
1	01	Ashwini Dhole	172		Student Innovation		
		Tanushree Suryawanshi	172				
		Ashwini Karve	172				
		Yukti Kulkarni	172				
2	02	Tanushree Karand	177		Storable biomass		
		Kandlika Wastane	177				
		Vaishnavi Ugale	177			problems in Delhi	
		Urvashi Shinde	177			N/A	
3	03	Ashimayee Datta	171		Developing an app		
		Vaishali Patil	171			To regulate diet health	
		Ashwini Karandkar	171			are either from	
		Aditi Bhambhani	171			exploiting people	
4	04	Ashwini Wadgaonkar	171		Using medical		
		Dnyesha Wadgaonkar	171			antigenes	
		Sushil Patil	171			Tracking, Reducing	
		Sajani Bhargava	171			Residue of Plastic	

NAME & SIGN OF COORDINATOR: Mr. A.G. Fulsun

Maharshi Karve Stree Shikshan Samstha's
CUMMINS COLLEGE OF ENGINEERING FOR WOMEN
Sharpening Engineering Acumen with a Difference

Entries for SMART INDIA HACKATHON 2022
Attendance for Ideation Seminars Date: 05/03/2022

Sr.No.	Group No.	Name of students/group members	Year	PS number	Problem Statement	Idea/s to be implemented	Attendance
5	05	Chaitali Jeyapalan	4th		Sustainable and		
		Vidya Wadgaonkar	4th		no contact		
		Vandana Patil	4th		attendance		
		Ashwini Karandkar	4th		systems		
6	06	Neha Singh	4th				
		Kritika Nelli	4th				
		Vaishnavi Ganjaware	1st			Solution to establish	
		Ashwini Karandkar	1st			a zero-waste society	
7	07	Sahana Kelapure	1st			with proper waste	
		Sandhya Wastane	1st			disposal management	
		Vaishnavi Desai	1st				
		Vaishnavi Gadgil	1st				
8	08	Vidya Kumar Prasad	1st		Student Innovation		
		Kahira Deshpande	1st				
		Smriti Khatkar	1st				
		Vaishnavi Kande	1st				
9	09	Shubhi Chandra	1st		Tracking Reducing		
		Ashwini Shukla	1st		& recycling		
		Vaishnavi Bhavani	2nd				
		Akshaya Hajare	2nd				

NAME & SIGN OF COORDINATOR: Mr. A.G. Fulsun



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PROCEEDING & COMPLETION REPORT ON

“Hackathon : Avishkaar 1.0 – Ideate-Innovate-Exhibit ”

14th to 15th September 2022

The Research & Development Cell of MKSSSS's Cummins College of Engineering for Women, Nagpur on the eve of Engineer's day, hosted the 2-day Hackathon Avishkaar 1.0 competition, which turns creative concepts into tangible, digital or physical prototypes with positive societal effects.

Total of 48 team involving 200 girl students participated in the event. Thirty-seven problem statements of electronics, computer, mechanical engineering & allied science domains were offered to students in this event. These statements were divided in two categories viz. physical product development and software / digital product development and accordingly two sets of prizes were declared in each category. Students continuously worked for 30 hours to prepare a working model of the solution to the problem statement chosen by them.

Team AnkaRiva (Kalyani Mandlik, Anshika Kumari, Ritika Singh & Vaishnavi Panase) and Team One & Zero (Anshree Zade, Ankita Bafila, Aqsa Fatima & Sanjiti Pimpalkar) were declared first & second winner respectively. These teams worked on problem definition :Positive Psychology Game.

Team Ready to fly (Sejal Kalambe, Sejal Nimkar, Manswee Katre & Paridhi Sahare, Problem Statement: Snake Repellent walking stick torch for farmers) and Team Mehhackers (Minal Gajbheye, Riya Khaparde, Swara Tupe & Tanu Gaikwad, Problem Statement: Design of simple supported beam) were declared first & second winner respectively.



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“Hackathon : Avishkaar 1.0 – Ideate-Innovate-Exhibit ”

Mr. Hemant Ambaselkar, member of the MKSSS's CCoEW local management committee was the chief guest of the event. He encouraged the students to do more innovation & explain the approached towards it. Dr. Bharatbhusan Joshi, Principal of CCoEW appreciated the efforts taken by students & he declared two encouragement cash prizes from his side.

Dr. Jitesh Shinde, Dean R&D gave brief about the event. Dr. Shubhangi Bompilwar, Technical committee head proposed the vote of thanks. Technical committee members Mr. Prasanna Mahankar, Mrs. Abhilasha Borkar, Mr. Amit Fulsange and teaching staff Ms. Pinky Gangwani and Technical student committee head Ms. Khushi Bhushan along with her team and non-teaching staff Mr. Khemraj Giripunje and Mr. Manoj Ghatole worked hard to make the event a grand success.

The participants gave positive feedback the way event was organized & problem statements were planned. Feedback analysis, News photos & Event photos, has been attached along with this report in a separate file.

The event was organized with following objectives & Outcomes:

Objective of the event:

- i. To celebrate the Engineer's Day with an objective to prepare students for various competitive events like Smart India Hackathon, Toycathon etc.
- ii. To turn creative concepts into tangible, digital or physical prototypes with positive societal effects



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“Hackathon : Avishkaar 1.0 – Ideate-Innovate-Exhibit ”

Outcome of the event:

- Speed up the learning curve & sharpen the technical skills such as new work methodologies and project management
- Grooms soft skills such as communication, leadership & teamwork
- Able to identify & get sustainable solutions for problems with positive societal effects

Categories & Prizes:

- Digital /Software Product Development (Cash Prizes of 3000/- & 2000/- INR for 1st & 2nd Winning Team respectively & free one professional bodies membership to winning team members)
- Physical Product Development (Cash Prizes of 5000/- & 3000/- INR for 1st & 2nd Winning Team respectively & free one professional bodies membership to winning team members)

Total Number of team of registered for event (team size 1 to 4): 57

Total Number of team of participated in event : 48

- No. Of Students team from ME with student count : 12
- No. Of Students team from CE with student count: 26
- No. Of Students team from ETC with student count: 19



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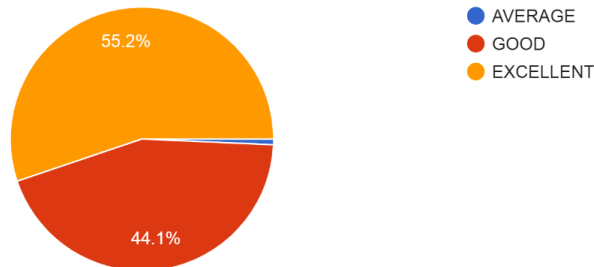
“Hackathon : Avishkaar 1.0 – Ideate-Innovate-Exhibit ”

14th to 15th September 2022

Key Points of Feedback Analysis

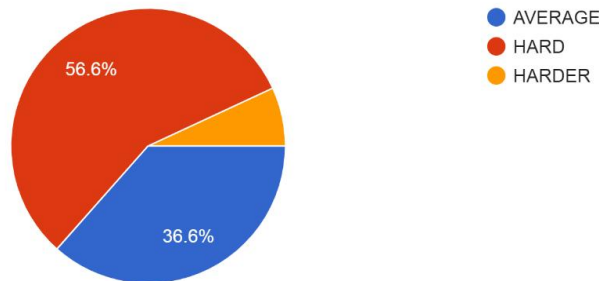
To what level the event Avishkaar 1.0 Hackathon met your expectations?

145 responses



Difficulty level of all problem statements included in the competition

145 responses



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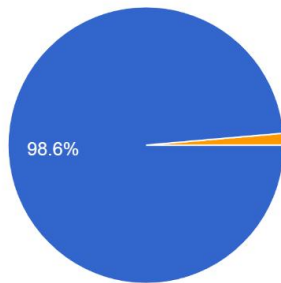


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Hackathon : Avishkaar 1.0 – Ideate-Innovate-Exhibit ”

Would you like to participate in such events in future too ?

145 responses



- YES
- NO
- MAY BE



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“Hackathon : Avishkaar 1.0 – Ideate-Innovate-Exhibit ”

14th to 15th September 2022

News Photos

पुण्य नगरी

**कमिन्स महिला अभियांत्रिकी
महाविद्यालयात झाले 'हॅकाथॉन'**

नागपूर : महर्षी कर्वे स्त्री शिक्षण संस्थेच्या कमिन्स महिला अभियांत्रिकी महाविद्यालयात अभियंतादिनाच्या निमित्ताने १४ व १५ सप्टेंबरला 'हॅकाथॉन : आविष्कार १.० - आयडिवेट,

इन्डोवेट, एक्झिबिट'चे आयोजन करण्यात आले. विद्यार्थ्यांच्या सर्जनशील संकल्पनांना वाव देणे, बदलत्या तंत्रज्ञानात नावीन्यपूर्ण संकल्पनांची भर घालता यावी, हा या आयोजनाचा हेतू होता. यात २०० विद्यार्थिनींचा समावेश असलेल्या ४८ चमूनी सहभाग घेतला. विद्यार्थ्यांना इलेक्ट्रॉनिक्स, कॉम्प्युटर, मेकॅनिकल अभियांत्रिकी व संबंधित विज्ञानाच्या परिक्षेत्रातील ३७ समस्यांवर कार्य करण्याची संधी देण्यात आली. भौतिक उत्पादन विकास आणि सॉफ्टवेअर उत्पादन विकासावर विद्यार्थ्यांनी सलग ३० तास काम करून त्यावर प्रारूप तयार केले. यावेळी हेमंत अंबासेलकर



उपस्थित होते. प्राचार्य डॉ. भारतभूषण जोशी यांनी विद्यार्थ्यांना मार्गदर्शन करीत विजेत्या चमूंना बक्षीस वितरण केले. प्रास्ताविक आर अॅण्ड. डी.चे अधिष्ठाता डॉ. जितेश शिंदे यांनी तर संचालन कल्याणी मंडलिक, अंशिका कुमारी यांनी केले. आभार तांत्रिक समितीप्रमुख डॉ. शुभांगी बोम्मीलवार यांनी मानले. कार्यक्रमाच्या यशस्वितेसाठी तांत्रिक समिती सदस्य प्रा. प्रसन्न महानकर, प्रा. अभिलाषा बोरकर, प्रा. अमित फुलसंगे, प्रा. पंकी गंगवानी, तांत्रिक विद्यार्थी समितीच्या प्रमुख खुशी भूषण यांच्या चमूंसह शिक्षकेतर कर्मचारी खेमराज गिरीपुंजे, मनोज घाटोळे आदींनी परिश्रम घेतले.

Smart Nagpur Edition
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14th to 15th September 2022

Photos of Workshop



Photograph: Winners of Avishkaar 1.0 Hackathon : Avishkaar 1.0 – Ideate-Innovate-Exhibit



Kinind
Dr. Milind Khanapurkar
Principal
Maharshi Karve Stree Shikshan Samstha's
Cummins College of Engineering for Women
Hingna, Nagpur-441118.

■ Tel. No. : 9657667030 ■ E-mail : office@cumminscollege.edu.in,
■ website : www.cumminscollege.edu.in

Mouje Sukli (Gupchup), Hingna, Nagpur-441110





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**Cummins College of Engineering
for Women**

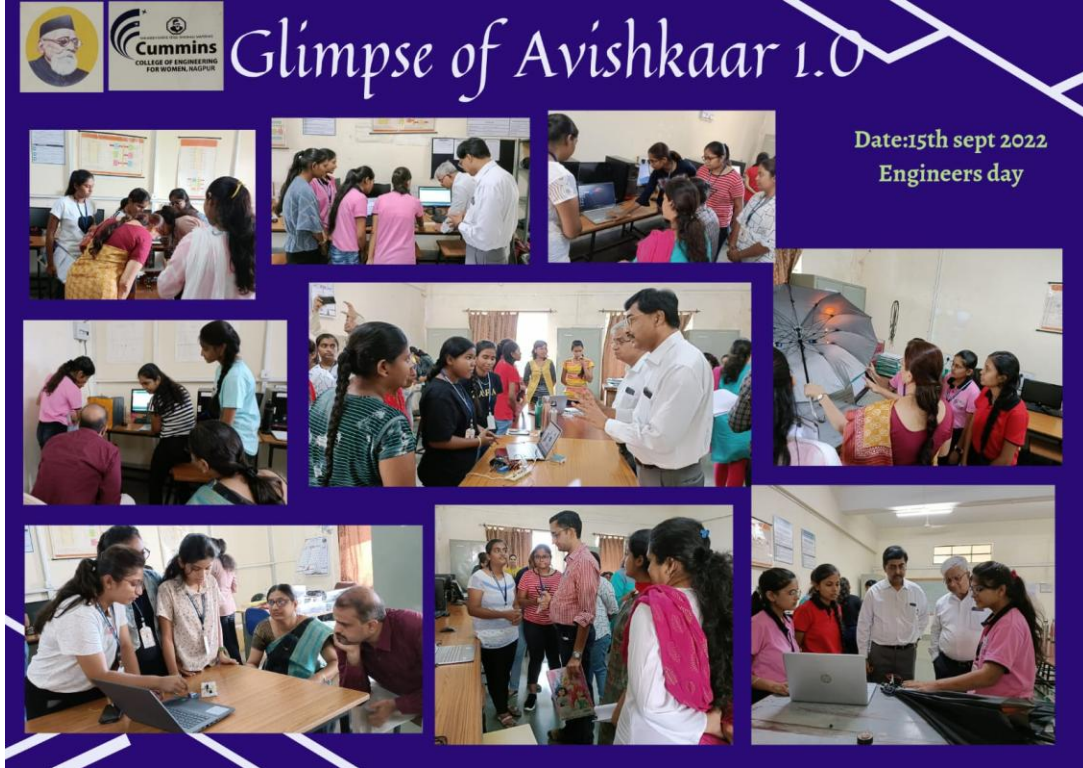
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“Hackathon : Avishkaar 1.0 – Ideate-Innovate-Exhibit ”



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Atal Tinkering Workshop at Somalwar High School



Atal Tinkering Lab Hands-on Workshop on Internet of Things

DAY 1:

Date : 25th Feb 2022 – 02nd March 2022

- Introduction of Different Boards and Philosophy)- Arduino, NodeMcu, RaspberryPi etc.
 - Introduction to Arduino IDE.
 - Arduino Programming language.
 - Various functions and loops.
 - Debugging with Arduino Platform.
 - Bootloader.

DAY 2:

- Interfacing Input and Output Devices:
 - Experiment No.1.: Blinking LED using only Arduino Sketch.
 - Experiment No.2.: Blinking LED using Switch & Arduino Sketch.
 - Experiment No.3.: Blinking LED using LDR & Arduino Sketch.

DAY 3:

- Interfacing different Sensors & motors.
 - Experiment No.4: Obstacle/Intrusion detection using Ultrasound sensor/PIR Sensor.
 - Experiment No.5: Controlling Door entrance using Servo Motor

DAY 4:

- Introduction to 3D printing & its application.
 - Experiment No.6: Hands-on 3D Printer.

- Quiz



Kindred

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Est'd 1911

॥ सातदेव तु कैवल्यम् ॥

Ph: 2424950

SOMALWAR ACADEMY EDUCATION SOCIETY'S

Somalwar High School & Junior College

Ramdaspath, Nagpur - 440 010

E-mail: somalwar@ramdaspath@gmail.com Web site: <https://www.ramdaspathsomalwar.org>

No. 60/A/2022

U-DISE No. 27091508804

Date: 02/03/2022

To

Mr. Sushil Lanjewar,
Asst. Professor,
Cummins College of Engineering
For Women, Nagpur.

Subject: A token of Gratitude.

Respected Sir,

We pay our sincere gratitude towards faculties, staff and management of Cummins College of Engineering For Women, Nagpur, for their valuable and thought provoking 4 days workshop. The workshop was held from 25th February to 2nd March 2022, on the topic "Embedded System" conducted for our students.

We are extremely indebted for your valuable co-operation and guidance towards this event.

Thanking you.

Principal,


Mrs. Vaishali Dakhole
Head Mistress
Somalwar High School



Kindly

Dr. Milind Khanapurkar
Principal
Maharshi Karve Stree Shikshan Samstha's
Cummins College of Engineering for Women
Hingna, Nagpur-441118.

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■ website : www.cumminscollege.edu.in

Mouje Sukli (Gupchup), Hingna, Nagpur-441110





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Estd : 1911

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Ph: 2424950

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Ramdaspeth, Nagpur - 440 010

E-mail : somalwarhsramdaspeth@gmail.com Web site : <https://www.ramdaspethsomalwar.org>

No: 60/2022

U-DISE No. 27091508804

Date: 02/03/2022

To

Mr. Amit Fulsunge,
Asst. Professor,
Cummins College of Engineering
For Women, Nagpur.

Subject: A token of Gratitude.

Respected Sir,

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Thanking you.

Principal,

Dakhole

Mrs. Vaishali Dakhole
Head Mistress
Somalwar High School
Ramdaspeth, Nagpur-440010



Khind

Dr. Milind Khanapurkar
Principal
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Estd : 1911

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Ph: 2424950

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Somalwar High School & Junior College

Ramdaspath, Nagpur - 440 010

E-mail : somalwarhsramdaspath@gmail.com Web site : <https://www.ramdaspathsomalwar.org>

No: 60.1B/2022

U-DISE No. 27091508804

Date: 02.10.3/2022

To

Mr. Amit Tripathi,
Asst. Professor,
Cummins College of Engineering
For Women, Nagpur.

Subject: A token of Gratitude.

Respected Sir,

We pay our sincere gratitude towards faculties, staff and management of Cummins College of Engineering For Women, Nagpur, for their valuable and thought provoking 4 days workshop. The workshop was held from 25th February to 2nd March 2022, on the topic "Embedded System" conducted for our students.

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Thanking you.

Principal,

Dakhole
Mrs. Vaishali Dakhole
Head Mistress
Somalwar High School
Ramdaspath, Nagpur-40



Khind

Dr. Milind Khanapurkar
Principal
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Sr. No.	Name of the teacher/student/staff	Class/Standard/Designation	Contact No.	Email Id	Attendance			
					Day 1 Date 25-02-22	Day 2 Date 26-02-22	Day 3 Date 28-02-22	Day 4 Date 02-03-22
1.	Chaitanya. D. Dakhole	8 th A	992711089	ralpandakhole@gmail.com	✓	✓	✓	✓
2.	Sarthak. R. Gole	8 th A	9309114461	sarthakgole32@gmail.com	✓	✓	✓	✓
2.	Deonch. Chondankar	9 th E	8668749185	deonchchondankar@gmail.com	✓	✓	✓	✓
4.	Agnim. A. K. Unde	8 th E	969555426	kunduaqim@gmail.com	✓	✓	✓	✓
5.	Aya. P. Buruwaz	8 th D	7249669037	ayapburuwaz3@gmail.com	✓	✓	✓	✓
6.	Prathamesh Lichade	8 th D	9226756534	prathameshlichade@gmail.com	✓	✓	✓	✓
7.	ADITYA. M. POUKAR	8 th D	9272115121	ADITYA.POUKAR@gmail.com	✓	✓	✓	✓
8/	Vishal. S. Chitale	8 th D	9970387453	vishalchitale2000@gmail.com	✓	✓	✓	✓
9/	Sheshank. Nivare	9 th B	7083562938	sheshanknivare@gmail.com	✓	✓	✓	✓
10/	Rashmit. Nagare	9 th E	98229361					
11/	Shardul. Puranik	8 th E	8329087594	shardulshardul2008@gmail.com	✓	✓	✓	✓

Name and Signature of Course Coordinators: Asst. Prof. A.K. Tripathi
 Asst. Prof. A.G. Fulwade

Attendance Sheet for Atal Tinkering Workshop



Kamini

Dr. Milind Khanapurkar
 Principal
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Soft Skill Training



Kmilind

Dr. Milind Khanapurkar
Principal

Maharshi Karve Stree Shikshan Samstha's
Cummins College of Engineering for Women
Hingna, Nagpur-441110.

■ Tel. No. : 9657667030 ■ E-mail : office@cumminscollege.edu.in,
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The College has organized soft skill development program to cope the students with present competitive scenario. Workshops, soft skill development programs and training programs are conducted regularly that teach students and faculty about innovation and entrepreneurship

List of soft skill development program conducted during 2022-23

- **SOFTSKILL program by NEUFLEX TALENT SOLUTIONS**
- **Aptitude Training Session by OWNPREP Private Limited**
- **Zensar employability skill development program**
- **Aptitude Training for students by Mr. Manmath Deshpande**



Kind

Dr. Milind Khanapurkar
Principal
Maharshi Karve Stree Shikshan Samstha's
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SOFTSKILL program by NEUFLEX TALENT SOLUTIONS
Work order given to Neuflex Talent Solutions Pvt. Ltd., Pune



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Work Order no.57, date 10-08-2022

To,
Neuflex Talent Solutions Pvt Ltd
A1, Shubhnagari Society, 30/31,
Dahanukar Colony, Kothrud,
Pune – 411038.

Ref.: Your proposal received by email dated 30-06-2022

Dear Sir,
We have pleasure in placing work order for the following :-

Sr. no.	Quantity Ordered	Unit of Measure	Description and specification of items	Rate per student	Amount in Rs.
1	100	Students	Employability Enhancement & Innovation Program for 3 rd Year students Total 48 hours program consisting of (Details of each module are given in appendix – A) Module A : Horizontal Skill Set (22 Hrs.) Module B : Generic Professional Skills (22 Hrs.) Module C : Special Sessions (4 Hrs.)	Rs. 4,000/-	Rs. 4,00,000/-
(In words rupees Four lac only)				Total	Rs. 4,00,000/-
Terms & Conditions i) GST extra on Workshop delivery Price ii) Transportation & Accommodation Charges for visits during in person training sessions. T & A will be arranged by institute. iii) Mention our GST no. 27AAATM1969L1Z4 on your invoice iv) TDS will be deducted wherever applicable. v) Billing address : MKSS's Cummins College of Engineering for Women, Mouje Sukli, Taluka Hingna, Nagpur – 441110 vi) Payment Terms : Payment will be made on pro-rata basis on completion of each module vii) Company shall provide detailed analysis of enhancement achieved on completion of program viii) If students count goes beyond 100, then payment will be made as per actual count in the sessions					
Counter Signature :- Pallavi Ganorkar					Principal

Tel. No. : 9657667030
E-mail : office@cumminscollge.edu.in,
Website : www.cumminscollge.edu.in



Kindly

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Work Order no.57, date 10-08-2022

Appendix – A

Module A: Horizontal Skill set	10 units	22 Hrs
1. Psychometry and mapping the personality Test and explanation (T)		4
2. Mindmap technique and its application for any subject (T/P)		3
3. General Aptitude and Engineering Aptitude Tests (T/P)		2
4. Communication Skills 1- verbal communication (P)		2
5. Communication Skills 2 – TA and Johari Window (T/P)		2
6. 6 hats thinking and its application in career progression (T/P)		2
7. Creativity Workshop, Lateral Thinking (P)		2
8. Project selection methodology (T)		1
9. Teamwork Exercise (P)		2
10. Opportunities of studying abroad, General Knowledge, MOOCs(T)		2
Module B: Generic Professional Skills	9 units	22Hrs
1. Digital Presence, Effective Resume writing: Write to Win! T/P		2
2. Effective Interview Techniques T		2
3. Interview Practice P		8
4. Cracking the "GD" T/P		2
5. Understanding Technology Trends T		2
6. Innovation methodology, IP (publications, patents) T		1
7. Ethics and integrity in Profession T		1
8. Presentation skills: pre-work, preparation, delivery T/P		3
9. Video Analysis, Listening Skills T/P		1
Module C: Special Sessions	2 units	4 Hrs
Would be a selection of:		
Psychological Tools for stress Management/ REBT		P
General Knowledge improvement module		T

Assessment:

Based on class participation, assignments, group tasks and two simple tests


Pallavi Ganorkar (Co-ordinator)


A.A.O.


Principal




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Tax Invoice for MATLAB funded by CIL

DesignTech Systems Pvt. Ltd.
(DesignTech Systems Limited)
Dyananda,
Bhugoon, Tal. Mulshi,
Pune - 412 115 (Maharashtra),
Pune : +91 - 20 - 4131 1200 / 1201
info@designtechsys.com
www.designtechsys.com
CIN-U72200MH1998PTC113636

DesignTech
Tech

Tax Invoice

Consigner Details		Date of Supply : 10/12/2022		Invoice No. : MH/2223/50303	
GSTIN : 27AABCD2335F122		Time of Supply : 11:07		Invoice Date : 10/12/2022	
PAN : AABCD2335F		Place of Supply/ Delivery : Maharashtra		Customer Order No. : PC.No.82 Dated 29.11.2022	
				E-Way Bill No. :	
				E-Way Bill Date :	
				IRN No. : 06acbb91fb8b37a3f7e715866efc420e8132df14ee872a9db9db55130b6285e1	
Details of Receiver (Billed To)			Details of Consignee (Shipped To)		
Customer Code : C04624			Name : MKSS's Cummins College of Engineering for Women, Nagpur		
Name : MKSS's Cummins College of Engineering for Women, Nagpur			Name : MKSS's Cummins College of Engineering for Women, Nagpur		
Tal-Hingna Mouje Sukli(Gupchup)			Tal-Hingna Mouje Sukli(Gupchup)		
Pan No. : 441110			Nagpur - 441110		
State : Maharashtra			State : Maharashtra		
State Code : 27			State Code: 27		
GSTIN No. : 27AAATM1969L124			GSTIN No. : 27AAATM1969L124		
Pan No. : AAATM1969L			Pan No. : AAATM1969L		
Our Bankers :					
Bank Name : HDFC Bank Ltd					
Branch Address : Ground Floor Showroom No.1, Konark Indrayu Mall, Kondhwe Khurd, Pune, Maharashtra- 411048					
A/c No. : 59217000171717					
IFSC : HDFC0000029					

S.No.	Part Code	Description of Goods	HSN/SAC Code	Qty	Rate	Amount	Disc.	Taxable Value	CGST Rate %	CGST Amount	SGST Rate %	SGST Amount	Total (INR)
1	MW-Campus Wide Suite (CWS)-R	MW-Campus Wide Suite (CWS) Suite (CWS)-R Renewal	998319	1.00	410571.00	410,571.00		410,571.00	9.0	36,951.39	9.0	36,951.39	484,473.78
Total						410,571.00		410,571.00		36,951.39		36,951.39	

Total Invoice Value (in Words) Rupees Four Lakhs Eighty-Four Thousand Four Hundred Seventy-Four Only	Total Amount Before Tax 410571.00
	CGST @ 9.000% 36,951.39
	SGST @ 9.000% 36,951.39
	Total Amount After Tax 484473.78

Remarks: Includes MAOTIS and Matlab Grader Master License No. 31458701 License 40887933 Academic | Total Heas Count | Annual

Declaration:
With reference to CBDT notification No. 21/2012 Dated 13.06.2012 we hereby declare that the software items mentioned in the invoice are sold Without any modification by us. DesignTech Systems Private Limited, has already deducted TDS/ Withholding Tax u/s 194 of the Income Tax Act. 1961 on the payment against the previous transfer of such Software

M.K.S.S.S. Nagpur
Unit Name: [Signature]
Purchase Inward No. 134
Date: 08/12/22

DesignTech Systems Pvt. Ltd.
Bhugoon 412115

Trade interest @ 18% will be charged if payment is not received before due date
certified that the Particulars given above are true and correct and the amount indicated
For DesignTech Systems Private Limited
DesignTech Systems Pvt. Ltd.
Head Office - Bhugoon, Tal. Mulshi, Pune - 412 115 (Maharashtra), India. Tel.: +91 - 20 - 4131 1200 / 1201
Electronic Reference Number: Invoice Generated By: Dattatray
Page 1 of 1



Dr. Milind Khanapurkar
Principal
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EEIP Training Attendance

Sr. No.	Roll No	Student's Name	7.4.23	7.4.23	8.4.23	8.4.23	9.4.23	9.4.23
			Before lunch	After lunch	Before lunch	After lunch	Before lunch	After lunch
1	SME01	Achal Giradkar	<i>Achal</i>	<i>Achal</i>	<i>Achal</i>	<i>Achal</i>	<i>Achal</i>	<i>Achal</i>
2	SME02	Dhanashri Nirwan	<i>Dhanashri</i>	<i>Dhanashri</i>	<i>Dhanashri</i>	<i>Dhanashri</i>	<i>Dhanashri</i>	<i>Dhanashri</i>
3	SME03	Gayatri Deshpande	<i>Gayatri</i>	<i>Gayatri</i>	<i>Gayatri</i>	<i>Gayatri</i>	<i>Gayatri</i>	<i>Gayatri</i>
4	SME04	Leena Walke	<i>Leena</i>	<i>Leena</i>	<i>Leena</i>	<i>Leena</i>	<i>Leena</i>	<i>Leena</i>
5	SME05	Mahima Dubey	<i>Mahima</i>	<i>Mahima</i>	<i>Mahima</i>	<i>Mahima</i>	<i>Mahima</i>	<i>Mahima</i>
6	SME06	Manvi Gawai	<i>Manvi</i>	<i>Manvi</i>	<i>Manvi</i>	<i>Manvi</i>	<i>Manvi</i>	<i>Manvi</i>
7	SME07	Mimanshi Tembhurne	<i>Mimanshi</i>	<i>Mimanshi</i>	<i>Mimanshi</i>	<i>Mimanshi</i>	<i>Mimanshi</i>	<i>Mimanshi</i>
8	SME08	Minal Gajbhiye	<i>Minal</i>	<i>Minal</i>	<i>Minal</i>	<i>Minal</i>	<i>Minal</i>	<i>Minal</i>
9	SME09	Pragati Murskar	<i>Pragati</i>	<i>Pragati</i>	<i>Pragati</i>	<i>Pragati</i>	<i>Pragati</i>	<i>Pragati</i>
10	SME10	Prajakta Fartale	<i>Prajakta</i>	<i>Prajakta</i>	<i>Prajakta</i>	<i>Prajakta</i>	<i>Prajakta</i>	<i>Prajakta</i>
11	SME11	Prajakta Gedam	<i>Prajakta</i>	<i>Prajakta</i>	<i>Prajakta</i>	<i>Prajakta</i>	<i>Prajakta</i>	<i>Prajakta</i>
12	SME12	Pratiksha Munde	<i>Pratiksha</i>	<i>Pratiksha</i>	<i>Pratiksha</i>	<i>Pratiksha</i>	<i>Pratiksha</i>	<i>Pratiksha</i>
13	SME13	Priyanka Chaudhari	<i>Priyanka</i>	<i>Priyanka</i>	<i>Priyanka</i>	<i>Priyanka</i>	<i>Priyanka</i>	<i>Priyanka</i>
14	SME14	Razia Biswas	<i>Razia</i>	<i>Razia</i>	<i>Razia</i>	<i>Razia</i>	<i>Razia</i>	<i>Razia</i>
15	SME15	Rina Kshirsagar	<i>Rina</i>	<i>Rina</i>	<i>Rina</i>	<i>Rina</i>	<i>Rina</i>	<i>Rina</i>
16	SME16	Riya Kharparde	<i>Riya</i>	<i>Riya</i>	<i>Riya</i>	<i>Riya</i>	<i>Riya</i>	<i>Riya</i>
17	SME17	Rutuja Chaudhari	<i>Rutuja</i>	<i>Rutuja</i>	<i>Rutuja</i>	<i>Rutuja</i>	<i>Rutuja</i>	<i>Rutuja</i>
18	SME18	Sakshi Chawhare	<i>Sakshi</i>	<i>Sakshi</i>	<i>Sakshi</i>	<i>Sakshi</i>	<i>Sakshi</i>	<i>Sakshi</i>
19	SME19	Samruddhi Patil	<i>Samruddhi</i>	<i>Samruddhi</i>	<i>Samruddhi</i>	<i>Samruddhi</i>	<i>Samruddhi</i>	<i>Samruddhi</i>
20	SME20	Shreeya Khobragade	<i>Shreeya</i>	<i>Shreeya</i>	<i>Shreeya</i>	<i>Shreeya</i>	<i>Shreeya</i>	<i>Shreeya</i>
21	SME21	Shruti Suryawanshi	<i>Shruti</i>	<i>Shruti</i>	<i>Shruti</i>	<i>Shruti</i>	<i>Shruti</i>	<i>Shruti</i>
22	SME22	Shunalika Walke	<i>Shunalika</i>	<i>Shunalika</i>	<i>Shunalika</i>	<i>Shunalika</i>	<i>Shunalika</i>	<i>Shunalika</i>
23	SME23	Swara Tupe	<i>Swara</i>	<i>Swara</i>	<i>Swara</i>	<i>Swara</i>	<i>Swara</i>	<i>Swara</i>
24	SME24	Tannu Gaikwad	<i>Tannu</i>	<i>Tannu</i>	<i>Tannu</i>	<i>Tannu</i>	<i>Tannu</i>	<i>Tannu</i>
25	SME25	Tanvi Mahankar	<i>Tanvi</i>	<i>Tanvi</i>	<i>Tanvi</i>	<i>Tanvi</i>	<i>Tanvi</i>	<i>Tanvi</i>
26	SME26	Tejaswini Kinikar	<i>Tejaswini</i>	<i>Tejaswini</i>	<i>Tejaswini</i>	<i>Tejaswini</i>	<i>Tejaswini</i>	<i>Tejaswini</i>



Kinikar

Dr. Milind Khanapurkar
 Principal
 Maharshi Karve Stree Shikshan Samstha's
 Cummins College of Engineering for Women
 Hingna, Nagpur-441118.

■ Tel. No. : 9657667030 ■ E-mail : office@cumminscollege.edu.in,
 ■ website : www.cumminscollege.edu.in

Mouje Sukli (Gupchup), Hingna, Nagpur-441110





Maharshi Karve Stree Shikshan Samstha's
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23	5CE23	Kalyani Avdhut Kadam	—	—	—	—	—	—
24	5CE24	Kalyani Girish Mandlik	—	—	—	—	—	—
25	5CE25	Kalyani Tukaram Kulkarni	Kalyani	Kalyani	Kalyani	Kalyani	Kalyani	Kalyani
26	5CE26	Kashish Gajanan Surjuse	—	—	—	—	—	—
27	5CE27	Madhura Anil Jakate	—	—	—	—	—	—
28	5CE28	Mrunmayee Satish Awatade	—	—	—	—	—	—
29	5CE29	Neha Vijay Sharnagat	—	—	—	—	—	—
30	5CE30	Nikita Chandrashekhar Bawankule	Nikita	Nikita	Nikita	Nikita	Nikita	Nikita
31	5CE31	Nikki Singh Kanchan Singh	Nikki	Nikki	Nikki	Nikki	Nikki	Nikki
32	5CE32	Parul Balaji Bisane	—	—	—	—	—	—
33	5CE33	Prajakta Suryabhan Mandavkar	Prajakta	Prajakta	Prajakta	Prajakta	Prajakta	Prajakta
34	5CE34	Prajakta Umesh Gulhane	Prajakta	Prajakta	Prajakta	Prajakta	Prajakta	Prajakta
35	5CE35	Pranali Lekeshwar Bande	Pranali	Pranali	Pranali	Pranali	Pranali	Pranali
36	5CE36	Priyanka Akhileshwar Prasad	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka
37	5CE37	Ragini Harshwardhan Karmarkar	—	—	—	—	—	—
38	5CE38	Renuka Ashok Belikar	Renuka	Renuka	Renuka	Renuka	Renuka	Renuka
39	5CE39	Richa Manoj Singh	Richa	—	—	—	—	—
40	5CE40	Ritika Reetesh Singh	—	—	—	—	—	—
41	5CE41	Rupal Shivshankar Bemarker	—	—	—	—	—	—
42	5CE42	Rutika Devendra Bhanuse	Rutika	Rutika	Rutika	Rutika	—	—
43	5CE43	Rutuja Vasant Bhute	Rutuja	Rutuja	—	—	—	—
44	5CE44	Sachi Dilip Meshram	—	—	—	—	—	—
45	5CE45	Saishriya Ashok Kalwalwar	—	—	—	—	—	—
46	5CE46	Sakshi Amit Narkhede	—	—	—	—	—	—
47	5CE47	Sanjiti Shyam Pimpalkar	Sanjiti	Sanjiti	Sanjiti	Sanjiti	Sanjiti	Sanjiti
48	5CE48	Sanjukta Sukumar Biswas	—	—	—	—	—	—
49	5CE49	Sanskriti Ajay Jawanjale	—	—	—	—	—	—
50	5CE50	Sanskriti Anil Ragit	—	—	—	—	—	—
51	5CE51	Sanskriti Surendra Itankar	Sanskriti	Sanskriti	Sanskriti	Sanskriti	Sanskriti	Sanskriti
52	5CE52	Sanskriti Surendra Raut	Sanskriti	Sanskriti	Sanskriti	Sanskriti	Sanskriti	Sanskriti
53	5CE53	Sejal Sanjay Badwaik	Sejal	Sejal	Sejal	Sejal	—	—



Kindred

Dr. Milind Khanapurkar
Principal

Maharshi Karve Stree Shikshan Samstha's
 Cummins College of Engineering for Women
 Hingna, Nagpur-441118.

■ Tel. No. : 9657667030 ■ E-mail : office@cumminscollege.edu.in,
 ■ website : www.cumminscollege.edu.in

Mouje Sukli (Gupchup), Hingna, Nagpur-441110





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**Aptitude Training Session by OWNPREP Private Limited
Bank Payment Voucher for payment to OWNPREP Private
Limited**

Work order of OWNPREP Private Limited

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Affiliated to Reshtrasant Tukdoji Maharaj Nagpur University

“श्रील पर भूषणम्”

Work Order No. 50A, Date :15-07-2022

To,
Own Prep Private Limited
Address :- Nagpur
Contact – 8668817526
Dear Sir / Madam,

We have pleasure in placing with you our order for the following:-

Sl. No.	Quantity Ordered	Unit Of Measurement	Description and specification of items	Rate per Unit.	Amount in Rs.
1	50	Hrs.	Aptitude Training session for Third Year students (Delieverables as per Annexure A) Schedule :- 22-07-2022 to 31-07-2022	2200	1,10,000
2	50	Hrs.	Aptitude Training session for Second Year students (Delieverables as per Annexure A) Schedule :- Every Saturday starting from the month of August	2200	1,10,000
				Total :	2,20,000
				SGST	00.00
				CGST	00.00
				Total :	2,20,000

(In words rupees Two lac twenty thousand only)

Taxes & Statutory duties: (please put ✓ mark) to the clause applicable :

i) Price including all taxes ✓ a) Transportation charges : N.A. b) Insurance : N.A.

a) TDS will be deducted wherever applicable

b) Mention our GST no. 27AAA1M1969L124 on your invoice

c) Billing Address : MKSSS's Cummins College of Engineering for Women, Nagpur – 441110

d) Payment Terms : Payment for 50 hrs. will be made after the completion of Training session of Third Year and remaining after the completion of training session of second year.

e) If any changes in schedule, then co-ordinators will be contact to you.

[Signature]
Assistant Administrative Officer

[Signature]
TPO

[Signature]
Principal

1) Please note the terms & conditions of Purchase printed over leaf/OR on 2nd page and strictly adhere to the same.
2) The purchase order to be drawn in triplicate. Original to be issued to the supplier, the second copy to be sent to the Purchase Committee and third copy to be retained in Office File.

Tel. No. : 9657667030
E-mail : office@cumminscollge.edu.in,
Website : www.cumminscollge.edu.in



Kinlind

Dr. Milind Khanapurkar
Principal

Maharshi Karve Stree Shikshan Sanetha's
Cummins College of Engineering for Women
Hingna, Nagpur-441110.

■ Tel. No. : 9657667030 ■ E-mail : office@cumminscollge.edu.in,
■ website : www.cumminscollge.edu.in

Mouje Sukli (Gupchup), Hingna, Nagpur-441110





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Bank Payment Voucher for OWNPREP Private Limited
Amount: 110000/-

Cummins College of Engineering, Nagpur No.89
Nagpur

Bank Payment Voucher

No. : 197

Dated : 17-Aug-22

Particulars	Amount
Account : Honorarium Paid	1,10,000.00
Less: TDS on Professional Fees	(-)11,000.00
	₹ 99,000.00

Through :
Axis SB A/c No.31194

On Account of :
Being paid to Ownprep Private Ltd. towards Aptitude training session for 3rd yr. students. Paid against bill dt. 01.08.2022.TDS deducted Rs. 11000/- on 110000/- @ 10%. PAN- AADCO8105A

Amount (in words) :
INR Ninety Nine Thousand Only

Receiver's Signature:

Checked by

Authorised Signatory

Verified by



Kmilind

Dr. Milind Khanapurkar
Principal
Maharshi Karve Stree Shikshan Samstha's
Cummins College of Engineering for Women
Hingna, Nagpur-441118.

■ Tel. No. : 9657667030 ■ E-mail : office@cumminscollge.edu.in,
■ website : www.cumminscollge.edu.in

Mouje Sukli (Gupchup), Hingna, Nagpur-441110





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Bank Payment Voucher for OWNPREP Private Limited
Amount: 110000/-



Invoice

Dt- 1/08/22

To,
Cummins College of Engineering
Nagpur.

Dear Sir,
The details of the charges for Campus Recruitment Training for Third Year students which was conducted from 22/07/22 to 31/07/22 are as follows.

Total Duration (Hrs.)	Fees Per Hour.	Amount
50	2200	110000 ✓

It is a humble request to kindly release the payment of Rs 110000/- (Rs One Lakh Ten Thousand Only)
Bank Account Details-

Name- Ownprep Private Limited
Bank- HDFC
Branch- HDFC Shankar Nagar, Nagpur
A/c No.- 50200070629803
SC code- HDFC0000102.

Regards-
Ashish Diwan,
Ownprep Private Limited



Kind

Dr. Milind Khanapurkar
Principal

Maharshi Karve Stree Shikshan Samstha's
Cummins College of Engineering for Women
Hingna, Nagpur-441110.

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MaharshiKarveStreeShikshanSamastha's
Cummins College of Engineering for Women, Nagpur
Training & Placement Department

Date: 08/08/2022

To,
The Principal
Cummins CoEW, Nagpur

Sub: Action to be Taken Report in respect of Aptitude training for third year from 22nd July to 31st July 2022

Dear Sir,

Cummins College of engineering has placed work order to Mr. Ashish Diwan, Ownprep Privet Limited for third year student's aptitude training. Mr. Ashish Diwan had executed the 10 sessions of 50hrs. After completion of the session we conducted training feedback and aptitude test for the students.

The following action to be taken

Key issues	Action To be taken
The Content of Aptitude Training	The content of training was good and more than 48 % students were satisfied
Training Skills of Trainer	Trainer skills was also good 55% students were satisfied
Satisfaction about learning something	Students were satisfied that they learned new and something
Overall Training rating	Overall rating for the training was good, students were satisfied that will helpful for the campus placement
Aptitude Test Results	Result more than 80% 22 Result between 60 % to 80% 26 Result between 40% to 60% 14 Result Less than 40 % 26 The above results for two aptitude tests conducted online. In future we will conduct six more aptitude test to check student's knowledge and conducted practice sessions.

Sushil Lanjewar
Coordinator
Aptitude Training



Kamind

Dr. Milind Khanapurkar
Principal
Maharshi Karve Stree Shikshan Samstha's
Cummins College of Engineering for Women
Hingna, Nagpur-441118.

■ Tel. No. : 9657667030 ■ E-mail : office@cumminscollge.edu.in,
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Zensar employability skill development program

The RPG Foundation Zensar Employability Skill development Program is executed under the Memorandum of Understanding (MoU) between RPG foundation and CCoEW, Nagpur in which following points are covered

1. Soft Skill Training
2. Core Software Skill Training to the students



Kind
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Principal
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Schedule of Zensar Employability Skill Development Program

Skill / Training Centre	Resource Person/Agency	Modules	Duration and Covered	Attendance	Departments /YEAR
Zensar ESD Training year (2022-2023)	Mr. Gururaja Kulkarni & Team (9008009900) College coordinator :	Aptitude training	Aptitude and PL SQL Total (64 hrs) date-06-09-22 to 11-09-22	80% Average Attendance	CE, ETC 3 rd year Students
		PL/SQL	Total (64 hrs) date-07-11-22 to 19-11-22)		
	Ms. Abhilasha Borkar	Core java	80 hrs- (11-01-23 to 20-1-23	60% Average attendance	
	Python	40 hrs-10-02-23 to 25-02-23			
	Advanced java	40 hrs- 01/03/23 to 31/03/23			



Kinind

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Email communication between Zensar and Cummins College of Engineering for Women, Nagpur regarding the selected students for the program

8/2/23, 9:47 AM Cummins College Of Engineering for Women Mail - New ESD Selected Students List

Gmail Abhilasha Borkar <abhilasha.borkar@cumminscollege.edu.in>

New ESD Selected Students List
4 messages

Gururaja Kulkarni <gururaja.kulkarni@zensar.com>
To: Abhilasha Borkar <abhilasha.borkar@cumminscollege.edu.in> Wed, Aug 3, 2022 at 11:31 AM

Dear Ma'am,

Please find the attached students list selected for ESD program.

Congrats to all the selects.

Thank you,

Students First - Better Together - Entrepreneurial - Data Driven - Candid and Direct - Talent Obsessed

zensar Gururaja Kulkarni
ESD Program Lead
+91-9098099000 | gururaja.kulkarni@zensar.com
Zensar Technologies, Pune, India
hello happiness

From: Abhilasha Borkar <abhilasha.borkar@cumminscollege.edu.in>
Sent: 19 July 2022 10:25
To: Gururaja Kulkarni <gururaja.kulkarni@zensar.com>
Subject: Re: ESD Updates

You don't often get email from abhilasha.borkar@cumminscollege.edu.in. Learn why this is important

[EXTERNAL EMAIL]
Dear Sir,
as per student concern the date of TEST from our side will be 29/7/22 and time 11.00 am

On Thu, Jul 7, 2022 at 3:52 PM Abhilasha Borkar <abhilasha.borkar@cumminscollege.edu.in> wrote:
Dear Sir,
Regarding the above mail, the 5th-semester student's data for the new batch ESD-22-23 and final placement data for last year are attached herewith.

On Mon, Jul 4, 2022 at 5:41 PM Manish Raut <manish.raut@cumminscollege.edu.in> wrote:

----- Forwarded message -----
From: Gururaja Kulkarni <gururaja.kulkarni@zensar.com>
Date: Mon, Jul 4, 2022 at 3:47 PM
Subject: ESD Updates
To: Gururaja Kulkarni <gururaja.kulkarni@zensar.com>

Dear TPO,
It has been long since we connected, hope you are doing well.

I need some important data from you to go ahead with ESD new batches, hoping for your co-operation for the same.

1. Full final **placement data** for last year ESD students in the format shared earlier (mentioning CTC and company name: this will be kept confidential)

Sr No	Student Name	Gender	Email ID	Branch	Phone number	College Fees	Total Family income (in lakhs)	10th %	12th %	Diploma %	Engg aggregate till date
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[https://mail.google.com/mail/u/0/?ik=08175891ec&view=pl&search=all&permthid=thread-f:1740118715788184982&simpl=msg-f:174011871578818498... 1/4](https://mail.google.com/mail/u/0/?ik=08175891ec&view=pl&search=all&permthid=thread-f:1740118715788184982&simpl=msg-f:174011871578818498...)



Kind
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8/2/23, 9:47 AM

Cummins College Of Engineering for Women Mail - New ESD Selected Students List

2. For new batch ESD 22-23: 5th semester student's data
3. Please note that fees and family income is mandatory information as we need it for analysis, this will be kept confidential
4. Tentative date in July-Aug to conduct first Online assessment for ESD selection for 5th semester students.
5. English questionnaire video to be prepared and shared please find the other document with this email. Students should be ready with video links google drive or youtube link.

Please consider this on priority and get back to me by **Friday, 8th July**. We will be considering your college for new batch only if we get all the above mention data from your end within time.

Thank you,

zensar
An Company



Gururaja Kulkarni

ESD Program Lead
+91-9008009900 | gururaja.kulkarni@zensar.com
Zensar Technologies, Pune, India

hello happiness

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With Regards,
Prof. A. T. Borkar
Asst.Prof. CE Department
Cummins college of engineering for Women,Nagpur

With Regards,
Prof. A. T. Borkar
Asst.Prof. CE Department
Cummins college of engineering for Women,Nagpur

Cummins_29Jul2022.xlsx
15K

Abhilasha Borkar <abhilasha.borkar@cumminscollege.edu.in> Wed, Aug 3, 2022 at 11:50 AM
To: ce.secondyear2021-22@cumminscollege.edu.in, etc.secondyear2021-22@cumminscollege.edu.in, pallavi.tanksale@cumminscollege.edu.in

Dear Student,
congratulations for selection in Zensar training
PFA
[Quoted text hidden]

8 attachments

hello happiness 5K

image.png
1K

image.png
1K

zensar 4K
An Company

<https://mail.google.com/mail/u/0/?ik=08f75891ec&view=pt&search=all&permthid=thread-f.1740118715788184982&simpl=msg-f.174011871578818498...> /24



Kaivalind

Dr. Milind Khanapurkar
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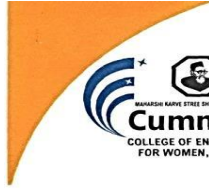


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Aptitude Training for students by Mr. Manmath Deshpande

Work Order

Amount: Rs.45000/-



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“शीलं परं भूषणम्”



Work Order No. 39, Date : 09.08.2021

To,
Manmaths Deshpande's
Aptitude Development Centre,
Near LIC Quarters, Chitale Road,
Dhantoli, Nagpur - 440012
Phone no. : 9819357247

Dear Sir / Madam,

Ref. Your proposal received by email dated 04.08.2021

We have pleasure in placing with you our order for the following:-

Sl. No.	Quantity Ordered	Unit Of Measurement (UOM)	Description and specification of items	Rate per Unit.	Amount in Rs.
1	---	---	Aptitude Course Content :- 1. Quantitative Ability i.e. Maths, 2. Data Interpretation, 3. Logical Reasoning, 4. English For 3rd Year Student 60 Hrs. @ Rs. 750/- per hour	---	Rs. 45,000/-
				Total :	Rs. 45,000/-
				SGST	0.00
				CGST	0.00
				IGST	0.00
			(In words rupees Forty five thousand only)	Total :	Rs. 45,000/-

Taxes & Statutory duties: (please put mark) to the clause applicable :

- i) Price including all taxes a) Transportation charges : Rs. 100/- Per visit in case of in person classes
a) TDS will be deducted wherever applicable
b) Mention our GST no. 27AAATM1969LIZ4 on your invoice
c) Billing Address : MKSS's Cummins College of Engineering for Women, Hingna, Nagpur - 441110
d) Payment Terms : Payment will be made in 3 installments i.e. after completion of 20 Hrs., 40 Hrs. & 60 Hrs.

Counter Signature : Mr. Manish Raut - *mraut*

Koik
Administrative Officer

DM
Principal

- 1) Please note the terms & conditions of Purchase printed over leaf/OR on 2nd page and strictly adhere to the same.
2) The purchase order to be drawn in triplicate. Original to be issued to the supplier, the second copy to be sent to the Purchase Committee and third copy to be retained in Office File.

Tel. No. : 9657667030
E-mail : office@cumminscollege.edu.in,
Website : www.cumminscollege.edu.in



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Mouje Sukli (Gupchup), Hingna, Nagpur-441110





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Aptitude Training for students by Mr. Manmath Deshpande

Terms & conditions of purchase :

1) Mode of payment :

- Payments will usually be made in A/c Payee Cheque drawn on Bank or by RTGS after successful compliance of this purchase order.
- Deduction on account of Income GST, Sales Tax/Vat will be made wherever applicable as per statute

2. Advance payment against Proforma Bill : Payment against proforma bills/invoice the same should be released on full compliance of Purchase order and satisfactory installation of the product wherever necessary. Final bill/ Invoice with Challan/money receipt etc. to be furnished after delivery of goods for which payments are received against Proforma Invoice.

3. Billing instruction : Please raise your Bill/invoice in favour of the unit raising Purchase order in duplicate and submit it to official placing this purchase order enclosing a copy of your delivery challan duly signed by the receipt of goods/ service.

4. The price of any item mentioned in this order should not exceed the accepted price. The quantity /no. of item may vary in the order without any change in the accepted price.

5. Failure to comply with specifications, terms and conditions of this order, or accepted delivery schedule shall be sufficient grounds for cancellation of order by purchaser without being liable for paying any compensation to the supplier. In case of delay in supply, liquidated damage at the rate of 0.5% on value of the purchase order per week, or part thereof, will be recovered

6. In case of import the following documents are to be furnished :

- Supplier's Invoice indicating, inter alia description and specification of the goods, quantity, unit price, total value, date of delivery;
- Packing list (with cost) /Post parcel wrapper (with cost) wherever applicable;
- Certificate of Country Origin;
- Insurance Certificate;
- Railway receipt (in case of domestic suppliers) Consignment note;
- Manufacturer's certificate;
- Bill of ship loading/Airway Bill;
- Any other document(s)



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Payment Voucher for Aptitude Training
Amount: Rs. 45000(22500+22500)

Cummins College of Engineering, Nagpur No.89
Bank Payment Voucher
Printed on 19-Feb-22 at 14:18

No. : 391 Dated : 19-Feb-22

Through : Axis SB A/c No.31194

Particulars	Amount
Account : Honorarium Paid	22,500.00
Less : TDS on Professional Fees	(-)2,250.00

On Account of :
Being paid to Manmath Deshpande towards aptitude training for 3rd yr students. Paid against bill dt. 17.02.2022. TDS deducted Rs. 2250/- on 22500/- @ 10%.

Amount (in words) :
INR Twenty Thousand Two Hundred Fifty Only

Receiver's Signature: _____
Checked by _____

Authorised Signatory
Verified by _____

₹ 20,250.00

Cummins College of Engineering, Nagpur No.89
Bank Payment Voucher
Printed on 10-Mar-22 at 12:34

No. : 432 Dated : 10-Mar-22

Through : Axis SB A/c No.31194

Particulars	Amount
Account : Honorarium Paid	22,500.00
Less : TDS on Professional Fees	(-)2,250.00

On Account of :
Being paid to Manmath Deshpande towards Aptitude training for 3rd yr. students. Paid against bill dt. 04.03.2022. TDS deducted Rs. 2250/- on 22500/- @ 10%.

Amount (in words) :
INR Twenty Thousand Two Hundred Fifty Only

Receiver's Signature: _____
Checked by _____

Authorised Signatory
Verified by _____

₹ 20,250.00



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Entrepreneurship Development



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The college has created an ecosystem for innovations including awareness about Entrepreneurship Development. The college has formed Entrepreneurship Development Cell for encouraging the students in developing their own ideas for startups. This initiatives have been taken for the creation and transfer of knowledge. The institute continuously strives to promote a culture of innovation by encouraging students, faculty, and staff to think creatively and undertake innovative ideas for startups.

The college has undertaken following activities to promote culture for Entrepreneurship Development.

- Webinar on Skills Required to Excel in Startup Field.
- Webinar on Business Modeling.
- Webinar on Self Employment by Freelancing with reference to AATMANIRBHAR
- Two days Entrepreneurship Summit “Ignite 4”
- “Dare to Start up” –Entrepreneurship Development Program.



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ED Cell CCOEW Nagpur (2023-2024)

Core Team Member

- Prof. Harshwardhan kharpate - Faculty Co-ordinator
- Prof. Sabhyasachi Bhattacharya - Faculty Co-ordinator
- Prof. Prassana Mahankar - Faculty Co-ordinator
- Prof. Sneha Uttrawar - Faculty Co-ordinator
- Chahat Ahuja - President.
- Shruti Chandra - Vice President.
- Ayushee Bhavsagar - Operational Head.
- Tanvi Mahankar - HR Finance Head.
- Juhi Singh - Technical Head.
- Ishwari Udakhe - Networking Head.
- Mehak Gupta - Event Management Head.
- Rucha Ingle - Social Media Head.
- Tejaswini Verma - Content Head.
- Ritika Kumari - Designing Head.
- Vedika Singh - Asst. Operational Head.
- Simran Seikh - Asst. HR Finance Head.
- Aditi Sadhankar - Asst. Technical Head.
- Kishita Deotale - Asst. Networking



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Head.

- Diya Bhotmange - Asst. Event management Head.
- Adhiti Dhomne - Asst. Social Media

Head.

- Jhanhavi Dhage - Asst. Content Head.s
- Sanskruti Kurekar - Asst. Designing

Head.



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REPORT OF

Webinar on Skills Required to Excel in Startup Field

(Mr. Saurabh Trivedi Entrepreneur)

Date: - 30/06/2020

Cummins College of Engineering for Women, Nagpur arranged a webinar on Skills required excelling in startup field by Mr. Saurabh Trivedi on 30th June 2020. Mr. Trivedi is an entrepreneur, intellectual property enthusiast, business consultant, Investor and seasoned trademark attorney. He is currently Co-Founder & Director at Boudhik Ventures. He is passionate and well-respected leader with ability to define and drive business strategy, motivate teams, aggressively execute, and analyze impact. He inspires and educates businesses on how to leverage their innovative concepts to stand out from the mass and gain traction. He is a Member of Asian Patent Attorneys Association (APAA), India Group and a Member of Centre for Education Growth and Research (CEGR). Apart from that he is mentor in various Atal Incubation Centers like AIC-Raise, AIC-GIM and AIC- ADT Baramati Foundation which are supported by Atal Innovation Mission, NITI Aayog,

Key Takeaways-Our guest Mr. Saurabh Trivedi enlightened the students with the Skills that are needed to commence a Startup. He also explained the importance of a mentor to a Startup, the various platforms one can use for marketing, pitching, launch etc. When to start and how to finalize an Idea also was addressed in the session. Total number of participants was 58.

The participants enthusiastically asked their queries and all of them were patiently discussed upon in the session.



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Webinar on Skills Required to Excel in Startup Field

Glimpses



Webinar on Skills Required to Excel in Startup Field Mr. Saurabh Trivedi (30-06-20)



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REPORT OF

Webinar on Business Modeling

(Ms. Shalmali Jadhav Founder of Empathy for you)

Date: - 21/06/2020

Cummins College of Engineering for Women, Nagpur has arranged a webinar on Business Modeling by Ms. Shalmali Jadhav on 21st June 2020. A 21 year old Shalmali Jadhav is the Founder of Empathy For You and the President of Letters to Strangers. She is also a Resource Panel Member of Girl Up, United Nations Foundation. Apart from this she has been a Delegate for Harvard Project for Asian and International Relations. She has also received her Mobility Scholarship Research from Aarhus University, Denmark, and also pursues as a freelance content writer, and travel and technical blogger. She has received honors like Abhivykti - a multidisciplinary paper presentation competition.

Key Takeaways-Shalmali gave wonderful insights with a practical example of business modeling. She made us dive into the concepts of business modeling, what is a business model. How many Business models exist, the tools used in business modeling. , i.e.1.Bee star 2.Bee board

She also made us understand working of the tools with the help of examples of making Tequila. The webinar concluded with a wonderful quiz where everybody's knowledge was tested. Total Participants were 50+.



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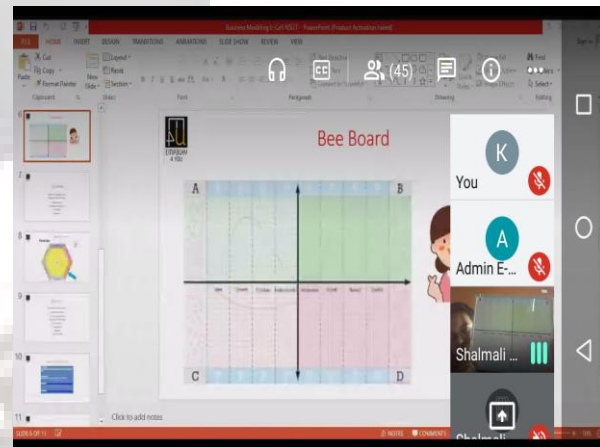
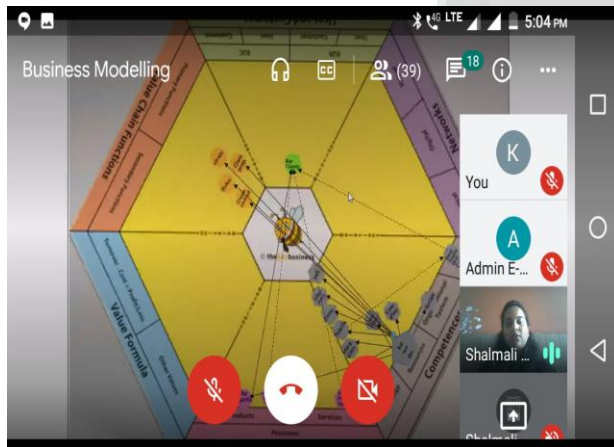
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Webinar on Business Modeling

Glimpses



Webinar on Business Modeling _ Ms. Shalmali Jadhav (21-06-20)



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REPORT OF

Webinar on Self Employment by Freelancing with reference to AATMANIRBHAR

(Ms. Dravisha Katoch Freelancer)

Date: - 31/05/2020

Cummins College of Engineering for Women, Nagpur has arranged a webinar on Self Employment by Freelancing with reference to AATMANIRBHAR on 31st May 2020.

Ms. Dravisha Katoch is a young professional who loves to transform ideas into action for marketing, strategy making, and also works for mental health issues. She runs a couple of student initiatives to help college students be out of the herd and have a productive college life. She's currently working with the Marketing and Business team. She's also the first female South Asian Partner at Good City Foundation (A Hong Kong-based Organization). She is the President of Letters to Strangers+ Aida of the Indian Chapter of this Californian Organization. She has also been chosen as a Delegate Speaker in Cambridge, Bali, Egypt and Kuala Lumpur for various projects.

Key Takeaways-Ms. Dravisha enlightened the participants with the basics of Freelancing, Personal Branding via LinkedIn, how to build a Portfolio, How to decide our Niche and Blogging. She also gave tips on how to generate leads through your portfolio website. Finally the webinar ended with the Fun quiz on "Kahoot". The winners of the "LinkedIn Profile Competition" were announced at the end of the session. The winners were: 1.Poorva Lalawat 2. Surbhi Siwach 3. Nishtha Jain. Total 63 participants attended the webinar.



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**Webinar on Self Employment by Freelancing with reference to
AATMANIRBHAR**

Maharshi Karve Stree Shikshan Samstha's
**CUMMINS COLLEGE OF
ENGINEERING FOR WOMEN
NAGPUR**

invites you to the webinar on

Self Employment by
Freelancing with reference to
AATMANIRBHAR
by

31st MAY 2020
4:00 pm

Google meet

Dravisha Katoch
Freelancer

**Webinar on Self Employment by Freelancing with reference to AATMANIRBHAR _
Digital Creative (31-5-20)**



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REPORT OF

Two days Entrepreneurship Summit "Ignite 4"

Date: 28/08/2019 to 29/08/2019

Maharshi Karve Stree Shikshan Samstha's (MKSSS) Cummins College of Engineering for Women, Nagpur in association with IEEE Nagpur Subsection had organized an event "Ignite 4" - Entrepreneurship Summit on 28-29 August 2019. VIA, VDIH, Lemon school of entrepreneurship, Venture Catalyst, Navbharat were the other partners.

The two-day event comprised of various activities like Start up Talks, Start up stories by promising entrepreneurs, Competition and Training on Business Plan making, Idea generation, brainstorming and one dollar venture competition, where Angel Investors evaluated start-up proposals of students. The event had two tracks; Track1 was for fresher's to learn about the basics of entrepreneurship and also to take part in 1\$ venture competition. Track2 was for startup entrepreneurs who wanted to pitch their ideas and seek investment from Angel investors. Students from various schools and colleges participated in the events in a large number.

The grand event was inaugurated at the hands of Shri.P.M.Parlewar, Director, MSME - DI ,Nagpur who graced this event as a chief guest. The other dignitaries on the dais were Shri. Arvind Kumar, TCS Head, IEEE Chairman, Nagpur Subsection and Shri.Milind Kukade, Chiarman, MKSSS, Nagpur Prkalp and Principal of Cummins College Dr. B. Joshi.

In welcome speech, Dr. Joshi briefed about the event "Ignite 4" and assured all the participants that they will be benefited greatly by the knowledge shared by the eminent personalities from education and industrial field.



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Two days Entrepreneurship Summit "Ignite 4"

Shri. Arvind Kumar presented the concise information about IEEE, the nature, the structure and the functions of IEEE which makes it the world's largest technical professional organization.

He also briefed about how IEEE aims to cater and promote entrepreneurship and technological advancement in the nations.

Speaking on this occasion as a chief guest, Shri. P.M.Parlewar introduced various schemes of Government of India for budding entrepreneurs in the nation. The nation required a good number of honest and innovative entrepreneurs for the economic development of the country and MSME being the apex body for Micro, Small and Medium enterprises in India introduces many schemes and policies from time to time. Shri Parlewar also showed interest in working in association with IEEE to promote entrepreneurship at schools and colleges. The event was followed by the expert talk by key note speakers. The key note speakers for 28th August included Dr. Vidhula Venugopal, Asst. Professor, IIM-Nagpur, Mr. Mukund Muley, Founder, Cotmac Electronics Pvt. Ltd. And Ms. Reema Sathe, Founder - Happy Roots Foods and Beverages India Pvt. Ltd. The other speakers for Startup talks were Ms. Shipra Dawar, Founder- ePsyclinic, I Will-Your Support System, Mrs. Shikha Verma Tutheja, Founder - Studio S, Shikha Designs India, Ms. Manisha Bawankar, Women Entrepreneur, Nagpur and Mr. Kunal Chandiramani, Founder, CEO - CompAcademy, KStar.

Day 2, i.e. 29th August started with the key notes from eminent speakers, Mr. Harshvardhan Gune, CEO, VDIH, Nagpur and Mr. Krishna Swaroop Gupta, Sandeep Metal craft Pvt. Ltd., where the speakers spoke about the basics of entrepreneurship.

Thereafter students were divided in two tracks; where Track_1 students had session on Igniting



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Two days Entrepreneurship Summit "Ignite 4"

Startup by speakers Mr. Shrikant Digambar, Head of Aviation Segment, VDIH and Mr. Jay Motghare, Founder, Nirmitee Robotics Pvt. Ltd.

Later Ms. Bhavana Janbandhu spoke on different government schemes. "One Dollar Venture Competition" was also organized on the same day for the participants of Track_1. Total 17 groups participated in the competition with the investment of 70 to 500 INR. The participants had stalls of food & beverages, jewelry, games, etc. The participants were evaluated on the basis of innovation, creativity, investment and the profit they earned.

Whereas, Track_2 students had training session on 'Preparation of Project Report' followed by 'Investors Meet', which was the main attraction of the event. It was an opportunity for participants for converting their ideas into product with the help of funding by angel investors.

The "Ideation Competition" was also organized for Track_2 students where the 2 best ideas were selected for prizes.

The grand event ended with the grand valedictory function. Lt. Gen, Ravindra Thodge, Chairman, VDIH attended the event as a chief guest whereas Mr. Arvind Kumar were the guest of honor at this occasion. Mr. Thodge emphasized on the role of discipline in every walk of life, so as in entrepreneurship also. He asked students to be an optimist and not to get discouraged by failures. The winners of Ideation and One Dollar Venture Competition were also awarded at the event.

The event was jointly coordinated by Prof. Jaya Gadge, IEEE branch counselor along with head of ED cell Prof..Harshwardhan Kharpatre and their members, Prof. Prasanna Mahankar ,Prof. Pallavi Ganorkar ,Prof. Sneha Uttarwar along with student members of IEEE and ED Cell.



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Two days Entrepreneurship Summit "Ignite 4"

Glimpses



Two days Entrepreneurship Summit "Ignite 4" (28-08-19)



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REPORT OF

“Dare to Start up” –Entrepreneurship Development Program

(Ms. Saloni Parekh and Mr. Prasad Tatode _ Entrepreneurs)

Date: 30/06/2018

Entrepreneurship Development cell of Mksss's Cummins College of Engineering for women, Nagpur organized and launched an event named “**Dare to Start Up**” on Saturday 30th June 2018. Dare to start up is an event in which young and dynamic Entrepreneurs from different sectors are called who has really dared and took risk for their startups and to share their experience and journey with the students and to motivate them towards entrepreneurship.

On this occasion the team of student E-Cell is launched with their responsibilities as per the structure provided by PM-YUVA. Mrs. Saloni Parekh who has her own start up named pamper hamper guided about getting into entrepreneurship and also shared her success story. Mr. Prasad Tatode a young entrepreneur who has started his own venture Arin Energy after graduation focused on importance of doing research during graduation itself to start any venture. He also shared his personal entrepreneurship experience. After this both the speakers had an interactive session in which they answered the questions from the students.

Principal Dr. B. P. Joshi in his address stressed upon the importance of start-ups in today's era. He also appealed students to register in startup India. ED cell team Prof. Harshwardhan Kharpate, Prof. Prasanna Mahankar, Prof Sneha Uttarwar and Prof. Pallavi Tanksale took efforts for organizing an event.



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Dr. Milind Khanapurkar
Principal
Maharshi Karve Stree Shikshan Samstha's
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■ Tel. No. : 9657667030 ■ E-mail : office@cumminscollege.edu.in,
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Mouje Sukli (Gupchup), Hingna, Nagpur-441110





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“Dare to Start up” –Entrepreneurship Development Program

Glimpses



Student of CCoEW introducing the guest Dare to start up _Ms. Saloni Parekh (30-06-18)



Dr. B. Joshi(Principal) CCoEW, felicitating Ms. Saloni Parekh (30-06-18)



Dare to start up _ Group Photo of the Program (30-06-18)



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MOUs



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The institution has 50+ MoUs with various organizations and industries to undertake collaborative projects and workshops and other joint activities to foster innovation and transfer of knowledge between industry and academia. Some of the MOUs are listed below.

List of the organizations to whom MOUs are assigned

- A.R. Industries Bhandara Road
- Admire Take Vision
- APS Microtech Pvt. Limited
- Amigostech Pvt. Limited
- Arin Energy Pvt. Limited
- KPIT Technologies Limited
- Ashta Tech Automation Pvt. Limited
- ASM International Pune chapter and Apana Nagpur 90.8 FM Tirpude
College of Social Work
- Codem@it Service
- Down Engineering Construction Pvt. Limited
- Eart Technologies Pvt. Limited
- Electus Technologies Pvt. Limited



K.milind
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Academic year 2022-2023



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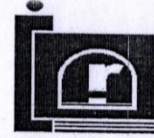
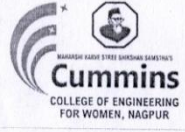
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महर्षी धोंडो केशव कर्वे



A R INDUSTRIES

MEMORANDUM OF UNDERSTANDING

between

A R Industries, Bhandara Road Nagpur

and

**MKSSS' Cummins College of Engineering for
women, Hingna, Nagpur**



Kindred

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MEMORANDUM OF UNDERSTANDING

Between

A R Industries, Bhandara Road Nagpur

and

MKSSS Cummins College of Engineering for women, Hingna, Nagpur

Legitimate From 01/08/2022 to 31/07/2025

This Memorandum of Understanding (MOU) is executed on between

Party 1 : A R Industries, Bhandara Road Nagpur

and

Party 2 : Cummins College of Engineering for Women, Hingna, Nagpur.

Both the Parties wish to work together to promote mutual business and academic interests through this MOU, which sets forth the terms of understanding as described below.

1) Purpose of MOU:

Cummins CoEWs, Industry Institute Interface Cell, (here after referred as IIIC), takes the initiative with a view of the statutory objective to disseminate advanced knowledge by providing Instructional, Industrial Training and Placement opportunities to learn, as it may deem fit and it shall endeavor to provide students and teachers the necessary atmosphere and facilities in the fields of Manufacturing, Production, Assembly, Process Planning, Product Development, Automation, Project Evaluation, Operations Management, Quality tools, Quality Management, Solid works/3D Design, Robotics etc. for the promotion of following -

- **Technological thrust Areas of Collaboration**
- **Industrial Visit for students**
- **Internship to the students either in vacation or during semester.**
- **Live Project Development using Industry Platform.**
- **Technical Seminars/ Workshops**

Page 1 of 5



Bhandara



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2) Objectives of MOU:

- 2.1 To provide a formal basis of interaction between A R Industries, Bhandara Road Nagpur and CCOEW.
- 2.2 To promote interaction between A R Industries, Bhandara Road Nagpur and CCOEW, Nagpur in jointly beneficial technological areas.
- 2.3 To promote and enhance academic interest on topics of mutual benefit between A R Industries, Bhandara Road Nagpur and CCOEW.
- 2.4 To encourage students of CCOEW for Internship/ Industrial visit/ to take up live projects at A R Industries, Bhandara Road Nagpur
- 2.5 To promote Industrial Education & related educational activities on the CCoEW campus.

3) Responsibilities of College

- 3.1 Cummins CoE shall encourage students to share their idea, models in order to develop products with the help of A R Industries, Bhandara Road Nagpur IPR will be shared Jointly.
- 3.2 Provide faculty as a project guide under whose guidance project will be executed at CCoEW
- 3.2 To engage students on Problem Statements through academic aligned platform such as:
 - Guest Lectures
 - Industrial Visit
 - Brand Ambassador visiting college
 - Soft-skill awareness workshop in college
- 3.3 Provide logistic support in terms of execution of activities.
- 3.4 Provide necessary infra support to host seminar / presentation / quizzes in the college campus.

Page 2 of 5



Kindly

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4) Responsibilities of A R Industries, Bhandara Road Nagpur

- 4.1 Provide live project opportunities
- 4.2 Provide mentor from A R Industries, Bhandara Road Nagpur for each project team
- 4.3 Provide technical experts team for mutually agreed initiatives.
- 4.4 Provide opportunity for students to interact with A R Industries, Bhandara Road Nagpur

5) Joint Responsibilities of the parties:

- 5.1 Ensure active participation and end to end support to achieve desired results.
- 5.2 Set up joint progress tracking mechanism.
- 5.3 Sync up on periodic basis.
- 5.4 Provide infrastructure support on need basis.

5.5 To share IPR and its benefits jointly.

6) Expenses:

Each party would bear its own expenses and cost incurred in connection with all the activities relating to the MOU.

7) Confidentiality:

During a period of three years from the date of disclosure, each party agrees to consider all information as confidential shared by the other party in written or tangible form or, if orally disclosed confirmed in writing within thirty days of sharing and identified as confidential by the disclosing party.

The obligations above shall not extend to any confidential information for which the receiving party can prove that this information is in the public domain at the time of disclosure or comes within the public domain without fault of the receiving party. This is already known or become known to the receiving party is received from a third party having no obligations of confidentiality to the disclosing party. The relationship of the parties under this MOU shall be nonexclusive and both parties, including their affiliates, subsidiaries and divisions, are free to pursue other agreements or collaborations of any kind. However, when entering into a particular agreement, the participants may agree to

Page 3 of 5



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limit each party's right to collaborate with others on that subject.

This MOU, unless extended by mutual written agreement of the parties, shall expire in 3 years after the effective date specified in the opening paragraph. This MOU may be amended or terminated earlier by mutual written agreement of the parties at any time. Either party shall have the right to unilaterally terminate this MOU upon 60 days prior written notice to the other party. However, no such early termination of this MOU, whether mutual or unilateral, shall affect the obligations of the participants under any Agreement, Confidentiality clause as referenced in clause 3 above, or any other agreement entered into pursuant to this MOU, which obligations shall survive any such termination. Nothing in this MOU shall be construed to make party a partner, an agent or legal representative of the other for any purpose.

8) Independent Contractor: Relationship between the parties to this MOU is that of an independent contractor, and nothing in this MOU will be construed to create a joint partnership, agency, or employer-employee relationship. Parties have the sole obligation to (i) comply with applicable laws and (ii) supervise, manage, contract, direct, procure, perform or cause to be performed its obligations set forth in this MOU, except as otherwise agreed upon by the parties. Neither party has an authority to make any commitment or representation for and on behalf of the other party under this MOU.

9) Subcontract/Assignment: Neither party shall assign, subcontract or otherwise transfer its rights or obligations under this MOU without prior written consent of the other party, which will not be unreasonably withheld.

10) Non-solicitation: During the term of this MOU, and for a period of one year thereafter, neither party shall, directly or indirectly, solicit, or attempt to solicit, engage or employ, induce or attempt to induce any person who is an employee or consultant of the other party to leave the employ of the other party.

Page 4 of 5



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11) Term and Termination: The term of this MOU shall be valid for a period of 3 years effective from the Effective Date. Either party may terminate this MOU in the following events:

- In the event of insolvency, bankruptcy or winding up of the either party
- With a written notice of 30 days to the other party
- On entering into a Definitive MOU


12) Miscellaneous: Parties agree that the relationship contemplated herein shall be non-exclusive. This MOU may not be extended, amended, or superseded except in writing between the parties. This MOU may be executed in one or more counterparts (including scanned copies), which taken together shall constitute single MOU.

IN WITNESS THEREOF, the parties here to have caused this MOU to be duly executed by their authorized representatives as of the Effective Date written above.

A R Industries, Bhandara Road Nagpur

Cummins College of Engineering for
women, Hingna, Nagpur.

Mr. Ajay Bhendarkar & Mr. Rajesh Rinke
Partner


Dr. Bhushan Joshi
Principal, CCOEW, Nagpur

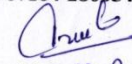
Date : 15/07/2022
Phone:

Date : 25/08/2022
Phone : 07104-280054



(Seal)




(Dr. M. R. SHUKLA
(witness))

Page 5 of 5




Dr. Milind Khanapurkar
Principal

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Legal Name - Admire Tech Vision LLP

MEMORANDUM OF UNDERSTANDING

BETWEEN

Cummins College of Engineering for Women, Nagpur



&



Admire Tech Vision

Address: Plot No 64, 2nd Floor, Samvad Apartment, Gopal Nagar Main Road,
behind Padole Hospital, Nagpur-440022

**SKILL DEVELOPMENT, OUTCOME BASED TRAININGS,
PLACEMENT, TECHNICAL SOFTWARE TRAINING AND RELATED
SERVICES**

Date of Signing

17/2/2023

PLOT NO. 64, 2ND FLOOR, SAMVAD APARTMENT, BEHIND PADOLE HOSPITAL,
NAGPUR - 440022. info@admiretechvision.com | 8830336241 | 0712-3571661



Kindred

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Legal Name - Admire Tech Vision LLP

MEMORANDUM OF UNDERSTANDING (MoU)

BETWEEN

Cummins College of Engineering for Women, Nagpur
AND
Admire Tech Vision LLP, Nagpur

This Memorandum of Understanding (hereinafter called as the 'MoU') is entered into on this the
1st February 2023

BY AND BETWEEN

MKSSS's Cummins College of Engineering for Women, Mouje Sukli (Gupchup), Tal. Hingana,
Nagpur – 441110, the First Party represented herein by its Principal Dr. Sanjeevani Shastri,
Officiating Principal

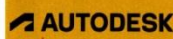
And

Admire Tech Vision LLP, Address: Plot No 64, 2nd Floor, Samvad Apartment, Gopal Nagar Main
Road, behind Padole Hospital, Nagpur-440022, the Second Party represented herein by its Mr.
Akhil Sonwane, Director, Admire Tech Vision, Nagpur (hereinafter referred as 'Second Party', the
institution which expression, unless excluded by or repugnant to the subject or context shall
include its successors – in-office, administrators and assigns).

WHEREAS:

- First Party is a Higher Educational Institution named: **Cummins College of Engineering for Women, Nagpur (CCoEW, Nagpur)**.
- First Party & Second Party believe that collaboration and co-operation between themselves will promote more effective use of each of their resources and provide each of them with enhanced opportunities.
- The Parties intent to cooperate and focus their efforts on cooperation within area of Skill Based Training, Education, Placement, Expert Lecture, Technical Software courses.
- Both Parties, being legal entities in themselves desire to sign this MOU for advancing their mutual interests.
- Admire Tech Vision**, the Second Party is engaged in Software Training, Skill Development, Education in the fields of – Technical software training, Planning and designing of structure.

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Legal Name - Admire Tech Vision LLP

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

CLAUSE 1 CO-OPERATION

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

CLAUSE 2 SCOPE OF THE MoU

- 2.1 **Industrial Training & Visits:** Industry and Institution interaction will provide an insight into the latest developments / requirements of the industries; the Second Party to permit the Faculty and Students of the First Party to visit its group companies and also involve in Industrial Training Programs for the First Party. This will provide confidence & smooth transition for students work. Also, the Second party may register on the AICTE Internship Portal for the benefit of students.
- 2.2 **Technical Software Programs:** Second Party to train the students of First Party on the BIM software in order to bridge the gap and make them ready for industry.
- 2.3 **Guest Lectures:** Second Party to extend the necessary support to deliver guest lecturers to the students of the First Party on the technology trends and in-house requirements.
- 2.4 **Placement & Training:** second party will actively engage to help the delivery of the training and placement of the students of the first party on the technology trends and in-house requirements.
- 2.5 **Internship:** Second party may allow students to undergo internship based on the availability for the eligible shortlisted students of Cummins College of Engineering for Women, Nagpur
- 2.6 **Collaborative Research:** Collaboration with mutual consent in the submission of proposal to the Government funding agencies in India for research project & its allied activities.
- 2.7 **Collaborative Production:** In case of collaborative product development the second party can access the lab & workshop facilities of college with mutual consent.
- 2.8 There is no financial commitment on the part of the Cummins College of Engineering for Women, Nagpur, the first party to take up any program mention in MoU. If there is any financial consideration, it will be dealt separately.
- 2.9 Both Parties to obtain all internal approvals, consents, permissions, and licenses of whatsoever nature required.

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CLAUSE 3

VALIDITY

3.1 This MoU takes effect from 17/02/23 and is valid for a period of 03 years from the date of signing. This Agreement will be valid until it is expressly terminated by either Party on mutually agreed terms, during which period, the Second Part with advance written notice of one month.

CLAUSE 4

RELATIONSHIP BETWEEN THE PARTIES

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

AS

First Party

Dr. Sanjeevani Shastri
Officiating Principal
Cummins CoE for Women, Nagpur

OFFICIATING PRINCIPAL
MAHARSHI KARVE STREE SHIKSHAN SAMSTHA'S
CUMMINS COLLEGE OF ENGINEERING FOR WOMEN
HINGNA, NAGPUR-441110

ADMIRE TECH VISION LLP
LLP Id - AAX-9808-
www.techvisions.co.in
Dadao Nagar, Nagpur

Second Party

Mr. Akhil Sonwane
Director
Admire Tech Vision, Nagpur

Witness & Single Point of Contact (SPOC):

1. Dr. Jitesh Shinde
2. Yogesh V. Dandekar.

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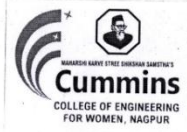
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भारतरत्न
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MEMORANDUM OF UNDERSTANDING

between

Amigoestech Pvt. Ltd, Nagpur

and

MKSSS' Cummins College of Engineering for
women, Hingna, Nagpur

25th August 2022



Kindly

Dr. Milind Khanapurkar
Principal
Maharshi Karve Stree Shikshan Samstha's
Cummins College of Engineering for Women
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BETWEEN

Cummins College of Engineering for Women

AND

Amigoestech Pvt.Ltd.

This Memorandum of Understanding (hereinafter called as the 'MoU') is entered into on this the 25th August 2022 between.

Party 1: Cummins College of Engineering for Women, Hingna, Nagpur

And

Party 2: Amigoestech Pvt.Ltd , Nagpur

Cummins College of Engineering for Women, the First Party represented herein by its Principal / Director / Head of Institution **Cummins College of Engineering for Women**, And Amigoestech . The second party and represented herein by its Centre Head / Director / Managing Director Mr. Abhijitsingh Chandel.

WHEREAS:

A) First Party is a Higher Educational Institution named: **Cummins College of Engineering for Women, Nagpur.**

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

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

D) **Amigoestech** - the Second Party is engaged in providing internships to students, providing problem statements to students, expert lecture and consultancy.

MoU Between CCoEW & Amigoestech

Page 1 | 3



Kinlind
Dr. Milind Khanapurkar
Principal
Maharshi Karve Stree Shikshan Samstha's
Cummins College of Engineering for Women
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■ Tel. No. : 9657667030 ■ E-mail : office@cumminscollege.edu.in,
■ website : www.cumminscollege.edu.in

Mouje Sukli (Gupchup), Hingna, Nagpur-441110





Maharshi Karve Stree Shikshan Samstha's
**Cummins College of Engineering
for Women**

Sharpening Engineering Acumen with a difference
NAAC Accredited



Approved by AICTE, New Delhi & DTE, Mumbai
Affiliated to Rashtrasant Tukadoji Maharaj Nagpur University

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

CLAUSE 1

CO-OPERATION

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

CLAUSE 2

SCOPE OF THE MoU

- 2.1 **Industrial Training & Visits:** Industry and Institution interaction will provide an insight into the latest developments / requirements of the industries; the Second Party to permit the Faculty and Students of the First Party to visit its group companies and also involve in Industrial Training Programs for the First Party. This will provide confidence & smooth transition for students work. Also the Second party may register on the AICTE Internship Portal for the benefit of students.
- 2.2 **Guest Lectures:** Second Party to extend the necessary support to deliver guest lecturers to the students of the First Party on the technology trends and in house requirements.
- 2.3 **Placement of trained students:** second party will actively engage to help the delivery of the training and placement of the students of the first party on the technology trends and in house requirements.
- 2.4 There is no financial commitment on the part of the **Cummins College of Engineering for Women**, the first party to take up any program mention in MoU. If there is any financial consideration, it will be dealt separately.
- 2.6 Both Parties to obtain all internal approvals, consents, permissions, and licenses of whatsoever nature required.

MoU Between CCoEW & Amigoestech

Page 2 | 3



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CLAUSE 3

VALIDITY

3.1 The term of this MOU shall be valid for a period of 1 year effective from the Effective Date. Either party may terminate this MOU in the following events:

3.1 Thereafter either party may terminate the MoU by giving to the other party 30 days' notice in writing.

CLAUSE 4

RELATIONSHIP BETWEEN THE PARTIES

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

First Party

CCoEW, Nagpur


Signature

Dr. Bharatbhushan Joshi

Principal, CCoEW, Nagpur

Date:

Witness & Single Point of Contact (SPOC):

Prof.S. Khamankar

Second Party

Amigoestech pvt. ltd.


Signature

Mr. Abhijitsingh Chandel

Managing Director

Date:



MoU Between CCoEW & Amigoestech

Page 3 | 3




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Maharshi Karve Stree Shikshan Samstha's
**Cummins College of Engineering
for Women**

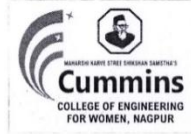
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भारतरत्न
महर्षी धोंडो केशव कर्वे



MEMORANDUM OF UNDERSTANDING
between

APS Microtech Pvt. Ltd, Nagpur

and

MKSSS' Cummins College of Engineering for
women, Hingna, Nagpur

25th August 2022



Kindly

Dr. Milind Khanapurkar
Principal
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MEMORANDUM OF UNDERSTANDING (MoU)

BETWEEN

Cummins College of Engineering for Women

AND

APS Microtech Pvt. Ltd.

This Memorandum of Understanding (hereinafter called as the 'MoU') is entered into on this the 14th July 2022 between.

Party 1: Cummins College of Engineering for Women, Hingna, Nagpur

And

Party 2: APS Microtech Pvt. Ltd, Nagpur

Cummins College of Engineering for Women, the First Party represented herein by its Principal / Director / Head of Institution **Cummins College of Engineering for Women**, And APS Microtech . The second party and represented herein by its Centre Head / Director / Managing Director Mr. Ashish Gadpayle.

WHEREAS:

A) First Party is a Higher Educational Institution named: **Cummins College of Engineering for Women, Nagpur**.

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

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

D) **APS Microtech** - the Second Party is engaged in providing internships to students, providing problem statements to students, expert lecture and consultancy.

MoU Between CCoEW & APS Microtech

Page 1 | 3



Kind

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Principal

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

CLAUSE 1 CO-OPERATION

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- 1.2 First Party and Second Party co-operation will facilitate effective utilization of the intellectual capabilities.
- 1.3 The parties shall co-operate with each other and shall as promptly as is responsibly practical, relevant agreement.

CLAUSE 2 SCOPE OF THE MoU

- 2.1 **Industrial Training & Visits:** Industry and Institution interaction will provide an insight into the latest developments / requirements of the industries; the Second Party to permit the Faculty and Students of the First Party to visit its group companies and also involve in Industrial Training Programs for the First Party. This will provide confidence & smooth transition for students work. Also the Second party may register on the AICTE Internship Portal for the benefit of students.
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- 2.4 There is no financial commitment on the part of the **Cummins College of Engineering for Women**, the first party to take up any program mention in MoU. If there is any financial consideration, it will be dealt separately.
- 2.6 Both Parties to obtain all internal approvals, consents, permissions, and licenses of whatsoever nature required.

MoU Between CCoEW & APS Microtech

Page 2 | 3



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CLAUSE 3

VALIDITY

3.1 The term of this MOU shall be valid for a period of 1 years effective from the Effective Date. Either party may terminate this MOU in the following events:

3.1 Thereafter either party may terminate the MoU by giving to the other party 30 days' notice in writing.

CLAUSE 4

RELATIONSHIP BETWEEN THE PARTIES

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

First Party

CCoEW, Nagpur


Signature

Dr. Bharatbhushan Joshi

Principal, CCoEW, Nagpur

Date:

Witness & Single Point of Contact (SPOC):

Prof.S. Khamankar

Second Party

APS Microtech Pvt. Ltd.


Signature

Mr. Ashish Gadpayle

Managing Director

Date:

MoU Between CCoEW & APS Microtech

Page 3 | 3




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Maharshi Karve Stree Shikshan Samstha's
**Cummins College of Engineering
for Women**

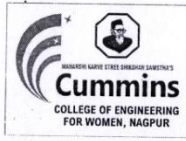
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भारतरत्न
महर्षी घोंडो केशव कर्वे



MEMORANDUM OF UNDERSTANDING

between

Arin Energy Pvt. Ltd, Nagpur

and

MKSSS' Cummins College of Engineering for
women, Hingna, Nagpur

14th July 2022



Kindred

Dr. Milind Khanapurkar
Principal

Maharshi Karve Stree Shikshan Samstha's
Cummins College of Engineering for Women
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MEMORANDUM OF UNDERSTANDING

between

Arin Energy Pvt. Ltd. Nagpur

and

MKSSS Cummins College of Engineering for women, Hingna, Nagpur

Legitimate From 14th August 2022 to 14th July 2025

This Memorandum of Understanding (MOU) is executed on fourteenth day of July 2022 between

Party 1 : Arin Energy Pvt. Ltd. Nagpur

and

Party 2 : MKSSS's Cummins College of Engineering for Women, Hingna, Nagpur.

Both the Parties wish to work together to promote mutual business and academic interests through this MOU, which sets forth the terms of understanding as described below.

1) Purpose of MOU:

Cummins CoEWs, Industry Institute Interface Cell, (here after referred as IIIC), takes the initiative with a view of the statutory objective to disseminate advanced knowledge by providing Instructional, Industrial Training and Placement opportunities to learn, as it may deem fit and it shall endeavor to provide students and teachers the necessary atmosphere and facilities in the fields of Solar Energy, Project Management, Mechanical Design for the promotion of following -

- **Technological thrust Areas of Collaboration**
- **Industrial Visit for students**
- **Internship to the students either in vacation or during semester.**
- **Live Project Development using Industry Platform.**
- **Technical Seminars/ Workshops**

Pg 1 of 5



Kindly

Dr. Milind Khanapurkar
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shall survive any such termination. Nothing in this MOU shall be construed to make party a partner, an agent or legal representative of the other for any purpose.

8) Independent Contractor: Relationship between the parties to this MOU is that of an independent contractor, and nothing in this MOU will be construed to create a joint partnership, agency, or employer-employee relationship. Parties have the sole obligation to (i) comply with applicable laws and (ii) supervise, manage, contract, direct, procure, perform or cause to be performed its obligations set forth in this MOU, except as otherwise agreed upon by the parties. Neither party has an authority to make any commitment or representation for and on behalf of the other party under this MOU.

9) Subcontract/Assignment: Neither party shall assign, subcontract or otherwise transfer its rights or obligations under this MOU without prior written consent of the other party, which will not be unreasonably withheld.

10) Non-solicitation: During the term of this MOU, and for a period of one year thereafter, neither party shall, directly or indirectly, solicit, or attempt to solicit, engage or employ, induce or attempt to induce any person who is an employee or consultant of the other party to leave the employ of the other party.

11) Term and Termination: The term of this MOU shall be valid for a period of 3 years effective from the Effective Date. Either party may terminate this MOU in the following events:

- In the event of insolvency, bankruptcy or winding up of the either party
- With a written notice of 30 days to the other party
- On entering into a Definitive MOU

12) Miscellaneous: Parties agree that the relationship contemplated herein shall be non-exclusive. This MOU may not be extended, amended, or superseded except in writing between the parties. This MOU may be executed in one or more counterparts (including scanned copies), which taken together shall constitute single MOU.

IN WITNESS THEREOF, the parties here to have caused this MOU to be duly executed by their

Pg 4 of 5



Kindred

Dr. Milind Khanapurkar
Principal

Maharshi Karve Stree Shikshan Samstha's
Cummins College of Engineering for Women
Hingna, Nagpur-441118.

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authorized representatives as of the Effective Date written above.

Arin Energy

Patode

Signature

Mr. Prasad Tatode

Director

Date : 14/7/2022

Phone : +91 7020136151

Cummins College of Engineering for
women, Hingna, Nagpur.

Signature

Dr. Bhushan Joshi

Principal, CCOEW, Nagpur

Date : 14/7/2022

Phone : 07104-280054

(Seal)



(Seal)



Page 5 of 5



Kinlind

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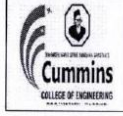


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KPIT

Memorandum of Understanding

Programme for Academic Collaboration & Engagement (KPIT PACE)

between

KPIT Technologies Ltd.

and

**MKSSS' Cummins College of Engineering for
Women, Nagpur**



Kmkind

Dr. Milind Khanapurkar
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• **Model Based Design with Matlab / Simulink**

Legend	Foundation Stage	Advanced Stage
Training Mechanism	Webinar on Microsoft Teams (live event)	Webinar on Microsoft Teams (live event)
Total Sessions	Approx. 12 hrs.	Approx. 25 hrs.
Monthly Contests and Gamification for Skill Building	<ul style="list-style-type: none">• Prep-up round online MCQ (30 to 60 minutes)• Coding challenges in MATLAB / Simulink (10 hrs.)• Hackathon / Makeathon (200 - 260 hrs. over one year)	<ul style="list-style-type: none">• Coding challenges in MATLAB (3 hrs.)• Modeling challenges in Simulink (12 hrs.)• Internship Project at College Premises on Model-Based Design
Certification Details	One Certificate of Achievement in Model-Based Design Skill	One Certificate of Training in Model-Based Design
Total Engagement Time	Approx. 25 hrs. + Hackathon / Makeathon	Approx. 40 hrs + Internship Project

Sign: BHARATBHUSHAN PARSHURAM JOSHI For the Institute
Sign: Rahul Uplap For KPIT

PAGE 19 OF 20



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ANNEXURE B
TRACK-WISE SKILL-BUILDING AND TRAINING MECHANISM

• **Object Oriented Programming (OOP) with C++**

Legend	Foundation Stage	Advanced Stage
Training Mechanism	Webinar on Microsoft Teams (live event)	Webinar on Microsoft Teams (live event)
Total of Sessions	Approx. 12 hrs.	Approx. 25 hrs.
Monthly Contests and Gamification for Skill Building	<ul style="list-style-type: none">Prep-up round online MCQ (30 to 60 minutes)Coding challenges in C++ (10 hrs.)Hackathon / Makeathon (200 - 260 hrs. over one year)	<ul style="list-style-type: none">Coding challenges in OOP with CPP (15 hrs.)Internship Project at College Premises on OOP with C++ based Application Design
Certification Details	One Certificate of Achievement in OOP with C++ Skill	One Certificate of Training in OOP with C++ Skill
Total Engagement Time	Approx. 25 hrs. + Hackathon / Makeathon	Approx. 40 hrs + Internship Project

• **Embedded Systems & C Programming**

Legend	Foundation Stage	Advanced Stage
Training Mechanism	Webinar on Microsoft Teams (live event)	Webinar on Microsoft Teams (live event)
Total Sessions	Approx. 12 hrs.	Approx. 25 hrs.
Monthly Contests and Gamification for Skill Building	<ul style="list-style-type: none">Prep-up round online MCQ (30 to 60 minutes)Coding challenges in C (10 hrs.)Hackathon / Makeathon (200 - 260 hrs. over one year)	<ul style="list-style-type: none">Coding challenges in C (5 hrs.)Coding challenges in Embedded C (10 hrs.)Internship Project at College Premises on Embedded Systems Design
Certification Details	One Certificate of Achievement in Embedded Systems and C Programming Skill	One Certificate of Training in Embedded Systems Design
Total Engagement Time	Approx. 25 hrs. + Hackathon / Makeathon	Approx. 40 hrs + Internship Project

Sign: BHARATBHUSHAN PARSHURAM JOSHI
For the Institute

Sign:
Rahul Uplap
For KPIT

PAGE 18 OF 20



Kamini
Dr. Milind Khanapurkar
Principal
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ANNEXURE A

**LIST OF HARDWARE AND SOFTWARE TO BE PROVIDED
 AT THE INSTITUTE**

Hardware components	Software components
Desktop/Laptop Windows 7/10 PC, 4 GB RAM, i5 processor or equivalent	Evaluation version of Software IDE's relevant to microcontrollers platforms.
Open Hardware Platforms/Microcontroller boards 8/16-bit micro-controllers Arduino Uno, Microcontroller based trainer kits ARM based 32-bit microcontrollers - STM32 or equivalent	CodeBlock IDE, VS Code IDE ESD softwares to simulate and test microcontroller hardware. Proteus Design Suite
Sensors/Actuators Analog sensors –LM35 or equivalent. Digital Sensors –DS18B20, MPU6050 or equivalent	
Basic Soldering station and related tools	MathWorks Campus-wide License for easy access to MATLAB and Simulink
Basic Electronic components Registers, capacitors, Breadboard, Single strand wires, Potentiometers, PCB, LEDs, RGB LEDs and other lumped components.	Other Tools: Cygwin Terminal, WSL gcc/g++, Valgrind, Cppcheck, CXXTest, Ceedling, Ruby, Mingw, uVision Keil
Others Micro USB cables, JTAG cables for Programming, CRO's, Spectrum Analyzers, Signal Generators and other equipment	

Sign: BHARATBHUSHAN PARSHURAM JOSHI For the Institute	Sign: Rahul Uplap For KPIT
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PAGE 17 OF 20



Khind
Dr. Milind Khanapurkar
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Mouje Sukli (Gupchup), Hingna, Nagpur-441110



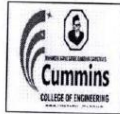


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KPIT

Sec. 16. Severability: In the event any provision of this Agreement is held to be invalid or unenforceable, the remaining provisions of this Agreement will remain unimpaired and in full force. Further, the parties shall make attempts to replace the invalid or unenforceable provision with a valid or enforceable provision, that comes as close as legally possible, to reflect the intention of the parties behind the provision, that is held to be invalid or unenforceable.

Sec. 17. Waiver: The waiver by either party of any default or breach of this Agreement shall not constitute a waiver of any other or subsequent default or breach. All waivers, to be valid, have to be in writing and signed by the authorized representative of the party granting the waiver.

Sec. 18. Force Majeure: Neither party shall be in default or otherwise liable for any delay in or failure of its performance under this Agreement where such delay or failure arises by reason of any Act of God, or any government or any governmental body, strikes or labor disputes, acts of war, terrorism, pandemics, epidemics, civil disturbances, governmental regulations, political situation/unrest, security threat perception or such similar cause beyond the control of such party. The obligation of the party whose performance is affected by such events or causes shall remain suspended during the period of those events or causes. However, if such events or causes continue for a period of more than thirty (30) days, the other party (the party other than the one whose performance is subject to such events or causes) may terminate the Agreement by giving seven days prior written notice to the other.

Sec. 19. Entire Agreement: This Agreement constitutes the entire agreement between the parties with respect to the services mentioned herein and supersedes all previous agreements, promises, proposals, representations and understandings whether written or oral, between the parties respecting the subject matter hereof.

Sec. 20. Assignment: This Agreement will not be assigned either in whole or in part by any Party without the written consent of the other Party.

Sec. 21. Authority: Each person executing this Agreement warrants and represents that he or she has the authority to enter into this Agreement on behalf of the Party whose name appears above their signature.

Sec. 22. Headings: Headings are inserted for the convenience of the Parties only and are not considered when interpreting this Agreement.

Sec. 23. Counterparts and Facsimile: The parties agree that this Agreement may be signed in counterparts which together shall constitute one instrument, and that signatures exchanged by facsimile are legal and binding.

Sec. 24. Indemnification: Each party to this MoU agrees to indemnify and hold the other party harmless from and against any and all losses, damages, costs or expenses (including lawyers' fees) arising in event of breach of any obligation by either party arising under this MoU or arising from any illegal, negligent, criminal

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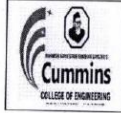


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8.8 the Institute shall cooperate with KPIT in getting Non-Disclosure Agreements signed by the students if such a request is made by KPIT.

Sec. 9. Validity of this MOU: This MOU under the KPIT PACE initiative of KPIT, shall be valid for a period of 24 months from the date of signing by the Institute & KPIT. This MOU shall be renewed for a further term with mutual consent. Either party may terminate this MOU by giving 30 days prior written notice to the other. Despite termination, the parties shall abide by usual professional ethics and normal code of conduct to maintain the confidentiality of the information and intellectual property rights.

Sec. 10. Renewal of this MOU: This MOU will be renewed subject to the Institute meeting the various criteria set by KPIT from time to time.

Sec. 11. Limitation of Liability: In no event, shall either party be liable to the other for any loss of profits, loss of revenue, loss of data, loss of use, any indirect, incidental, special, exemplary, punitive or consequential damages, incurred by either party or any third party, whether in an action in contract or tort, strict liability or other legal or equitable theory regardless of whether such damages were foreseeable or if the other party or any other person has been advised of the possibility of such damages. Neither party hereunder shall be liable for any consequential loss or damages arising out of the performance of obligations under the terms of this MoU. Save in respect of Clause 7 above, KPIT shall not have any liability or legal binding to the Institute, by virtue of executing this MoU.

Sec. 12. Relationship between the Parties: Nothing in this MoU is intended to create a partnership, joint venture or any other form of relationship between the Parties. Neither party makes any representations or warranties, whether express or implied. Neither party shall be liable to the other party for any indirect, consequential or any damages, whatsoever.

Sec. 13. Arbitration: Any dispute and/or difference or claim arising out of or pertaining to this Agreement shall first be resolved amicably by the parties through negotiations involving their senior management, failing which the same shall be submitted to arbitration. Such arbitration proceedings shall be conducted in English Language at Pune in accordance with Arbitration and Conciliation Act, 1996 and the rules made thereunder, as amended from time to time. The arbitration shall be conducted by an Arbitral Tribunal consisting of three arbitrators. Each party shall appoint an arbitrator and the two arbitrators appointed by the parties shall jointly appoint a third arbitrator. The award passed by such arbitral tribunal in pursuance of such arbitration proceedings shall be final and binding on both parties.

Sec. 14. Governing Law and Jurisdiction: This MOU shall be governed by the laws of India. Any dispute arising out of or in connection with this MOU shall be subject to the jurisdiction of the courts in Pune.

Sec. 15. Notice: All notices, including notices of change of address, required to be sent under this Agreement shall be in writing and shall be deemed to have been given when sent through post and electronic mail to the addresses set forth in this Agreement for the Parties.

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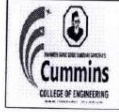


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connection with the rights and obligations of such party under this MoU. Without limiting the foregoing, each of the parties shall use at least the same procedures and degree of care which it uses to prevent the disclosure of its own confidential information of like importance to prevent the disclosure of confidential information disclosed to it by the other party under this MoU.

8.3 Confidential information shall not include information, which:

- Was generally known and available at the time it was disclosed or becomes generally known and available through no fault of the receiver, was known to the recipient of such information, without restriction, at the time of disclosure as shown by the files of the recipient in existence at the time of disclosure.
- Is disclosed with the prior written approval of the disclosure.
- Was independently developed by the receiver without any use of the confidential information, and by employees and other agents of the receiver who have not been exposed to the confidential information, provided that the receiver can demonstrate such independent development by documented evidence prepared contemporaneously with such independent development.
- Becomes known to the receiver, without restriction, from a source other than the discloser without breach of this MoU by the receiver and otherwise, not in violation of the discloser's rights.

8.4 Each party shall be entitled to disclose the other party's confidential information to the extent such disclosure is requested by the order or requirement of a Court, administrative agency, or other governmental body, provided that the party required to make the disclosure shall provide prompt and advance notice thereof, to enable the other party to seek a protective order or otherwise prevent such disclosure.

8.5 The parties shall, upon expiration of this MoU, promptly deliver to each other, all material in their possession or in the possession of their employees. The parties shall ensure destruction of such confidential information if the return of information to the Discloser is not possible / viable.

8.6 The Recipient shall keep the confidentiality of the Confidential Information of the Discloser and not use the Confidential Information for any purpose other than the purpose for which the Confidential Information was provided to the Recipient.

8.7 Upon request by the Discloser, Recipient shall immediately return the Confidential Information of the Discloser.

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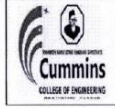


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- **The Institute** shall allow use of the communication ecosystem of **the Institute** to spread the news / updates related to the various programs events.
- **The Institute** shall appoint SPOCs to conduct marketing and branding activities within **the Institute**.
- **The Institute** shall take prior approval from KPIT team before using KPIT's logo and any other brand identity for promotion of **the Institute**. The partner Institute shall share and use of marketing under this section only such content that has been previously agreed upon or approved by KPIT team
- **The Institute** shall conduct promotional activities along with KPIT team to increase the participation in monthly contests and other initiatives under this program. The promotional material and message will be provided by KPIT team and can be circulated to **the Institute's** ecosystem based on mutual discussions. The partner Institute shall encourage students to participate in such contests. Data regarding the participation and performance of students would be shared with KPIT for analytics and further improvements. KPIT hereby undertakes that such data will be treated with utmost confidentiality.
- **The Institute** shall engage in a regular feedback mechanism to provide real time information about the success of program / initiatives.

Sec. 7. Effective Date of this MOU and Mechanism for Change-Management: This MoU shall be effective from the date it is signed by the parties hereto. This MOU can be amended once in twelve months. A prior notice of two months is to be given to the parties, to incorporate the changes.

Sec. 8. Confidentiality:

8.1 The term "Confidential Information" shall mean any information disclosed by one party ("Discloser") to the other ("Receiver"), pursuant to this MoU or otherwise, which is in written, graphic, machine readable or other tangible form and is marked as 'Confidential' or 'Proprietary' or in some other manner to indicate its confidential nature. Confidential information may also include oral information disclosed by one party to the other, pursuant to this MoU, provided that such information is designated as Confidential at the time of disclosure and reduce to a written summary by the disclosing party, within 30 days after its oral disclosure, which is marked in a manner to indicate its confidential nature and delivered to the receiving party.

8.2 For the term of this MoU, each party, shall treat as confidential all confidential information of the other party, shall not use such confidential information except as expressly set forth herein or otherwise authorized in writing, shall implement reasonable procedures to prohibit the disclosure, unauthorized duplication, misuse or removal of the other parties confidential information and shall not disclose such confidential information to any third party except as may be necessary and required in

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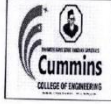


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selection process and elimination rounds. Deterrence for malpractices - onus on the colleges. There may be a requirement to conduct face-to-face examinations / interviews in the College Campus. Students from more than one college may attend the event at **the Institute**. Your college may then serve as a nodal-center. At these chosen nodal-centers, you are requested to provide:

- A suitable venue for the conduct of the assessment / interview.
- Gate Pass for the visiting students and faculty (Invigilators) from other colleges.
- Infrastructure required for these assessments would be separately intimated to these nodal-centers.

6.5 Internship to top-performing students in their 8th semester, as part of KPIT PACE

Advanced: Depending upon the opportunities in the various projects, KPIT shall strive to place the top-performing students in internship programs spanning two / three months. KPIT shall identify, encourage and support the evolving technical competence in students by providing internships to these students. KPIT may deploy select interns on specific technical works at their development centers. The normal mode of engagement for these internships shall be virtual, where the students shall engage with KPIT experts from their home/college. KPIT shall evaluate the quality of the work carried out by the interns and award them with a certificate at the end of the internships on the basis of their performance (at KPIT's discretion). Industry-Institute Coordinator of **the Institute** shall coordinate with KPIT throughout the process including initiation of the internship request at the appropriate time, selection of students for the internship, overseeing the technical work carried out by the interns and the evaluation of the work carried out by the interns as might be required by KPIT.

6.6 Participation in Technical Events and Competitions organized by KPIT: KPIT shall strive to involve the students in technical events. Such events include KPIT Sparkle, national/international conferences, workshops, finishing-schools, hackathons or symposia. The final decision shall be taken on a case-to-case basis after discussion between the two parties.

6.7 Hardware and software infrastructure to be provided by the Institute. The details are provided at Annexure A to this MOU.

6.8 Skill-building and Training Mechanism. The details are provided at Annexure B to this MOU.

6.9 Marketing and Branding by the Institute. The Institute shall promote all KPIT's initiatives to **the Institute's** ecosystem consisting of students, Talent Placement Officers (TPOs), faculty and alumni network. A few of the suggested mechanisms are:

- **The Institute** shall create awareness about the program under this partnership via virtual-events, social-media campaigns, emails and SMS / WhatsApp messages.

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KPIT

- Sustained engagement of students for skill-building on the three skill-tracks of KPIT PACE.
- Academic Curriculum Planning
- Participation in Knowledge Sharing
- Selection of students from **the Institute** at the end of KPIT PACE Foundation (before 7th semester).
- Internship to top-performing students in their 8th semester, as part of KPIT PACE Advanced.
- Participation in Technical Events and Competitions organized by KPIT, such as KPIT Sparkle.
- Hardware and software infrastructure to be provided by **the Institute**.
- Skill-building and Training Mechanism.
- Marketing and Branding.
- Language Proficiency in spoken and written English (steered by the colleges).
- Language Proficiency in foreign languages – German and Japanese (steered by the colleges).

6.1 Sustained engagement of students for skill-building on the three skill-tracks of KPIT PACE: KPIT has planned a sustained engagement by way of continuous skill-building and gamification (contests). Colleges are requested to ensure sustained engagement of the students; and prevent malpractices during the contests. It is reiterated that performance in the contests shall not determine the selection at the Campus Selection stage. Participation and gamification during the KPIT PACE Foundation is primarily for skill-building and generating interest.

6.2 Academic Curriculum Planning: KPIT shall aid in the academic curriculum by providing the field inputs, technology driven changes to the Board of Studies (BoS) at the departmental level or to the Departmental Academic Committee (DAC) of the institution.

6.3 Participation in Knowledge Sharing: KPIT shall strive to provide its speakers to deliver technical presentations and talks on industry-relevant topics, jointly decided by **the Institute** and KPIT. Such lectures shall either be a part of the curriculum or as knowledge-sessions for the students.

6.4 Selection of students from the Institute: KPIT PACE aims at identification of competent youth who will join KPIT in its quest for being the leader in its chosen field. Hence, KPIT shall recruit competent and potential students of final year of UG programs depending on the annual need and growth plan of KPIT. This activity shall be governed by the selection process steered jointly, by the Placement Cell of **the Institute** and KPIT. KPIT is under no compulsion to guarantee placements to the students at **the Institute**. Once a student is given a firm Offer Letter by KPIT (after the Campus Recruitment stage in the 7th semester), he or she should be allowed to appear for the drive of any other company only if the offered salary by the other company is more than 1.5 times of the salary offered by KPIT. The entire recruitment procedure shall be decided by the KPIT Freshers' Recruitment Team which shall decide the procedure of campus recruitment including but not limited to selection criteria,

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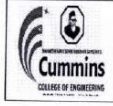


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- Opportunity for joint publications along with industry.

4.3 Benefits for KPIT: KPIT PACE aims to bridge the gap between industry and academia by imparting industry-relevant skills in engineering education from the 5th semester onwards. This has the following benefits:

- Helps KPIT to build an early connection with the young minds.
- KPIT gets an industry-ready work-force right out of the colleges.
- Opportunity for joint publications along with academia.
- First preference to KPIT over other companies during the recruitment drives.

Sec. 5. Governance for KPIT PACE: Under KPIT PACE, KPIT and the Institute shall establish a Joint Working Group (JWG) for coordination. Both parties shall ensure that the JWG comprises of appropriate personnel to discuss and implement the activities mentioned in this MoU.

5.1 From the Institute: The overall leadership of the KPIT PACE program would be with Prof. Supriya Gupta, Assistant Professor. However, the JWG would comprise of: only the designations of the members should be given

- SPOC from the Institution, - Dr. Kanchan Wagh, Assistant Professor
- Heads of the Department(s)
- Head of Training and Placement division: Mr. Manish Raut, Training & Placement Officer.
- Industry-Institute Coordinator:

5.2 From KPIT: The overall leadership of the KPIT PACE program would be with the Head of the Education and Competency Development (ECoDe) team of KPIT. However, the JWG would comprise of:

- SPOC from KPIT, typically the Head of the Freshers' Hiring and Training Team.
- Head of the Program Management Team (PMT).
- Designated Expert(s) from the Engineering Academy Team at KPIT.

5.3 Periodicity of Review of Progress: It is proposed to have following stages of review:

- Formal review at the end of the KPIT PACE Foundation Program, individually with all the participating colleges.
- Formal review at the end of the KPIT PACE Advanced Program, individually with all the participating colleges.
- Joint knowledge-sharing session with all the KPIT PACE partner colleges, once in six months.

Sec. 6. Mechanisms for Cooperation: The JWG shall implement, administer and execute the following measures:

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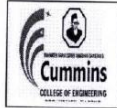


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- Opportunity for students (in 8th semester) to directly participate in the ab-initio training programme of KPIT for its Graduate Trainee Engineers (GTEs) – the GENESIS Training Program. This unique opportunity would be offered to the high-performing students in the Campus Selection stage, making sure that it does not hamper their academic activities.
- Exposure to the automotive domain.
- Focus on Zero Defect Delivery, First Time Right
- Adaptation to KPIT's Culture of Excellence
- Internship, wherein the students would be exposed to the KPIT Project Environment.

(d) **Stage 4 – Onboarding at KPIT:** The onboarding of the successful candidates would be spread over July to Dec after completion of their BE academic requirements. Further details are as follows:

- Onboarding as per performance in KPIT PACE and GENESIS.
- Preference shall be given to the top performers for their onboarding. The actual onboarding schedule shall be governed by the actual business need during that period.

Sec. 4. Benefits of KPIT PACE for various Stake-holders: The students, the participating institute (faculty), and the industry-partner are the main stake-holders in any industry-academia collaboration. This Section attempts to elaborate the benefits envisaged for the various stake-holders.

4.1 Benefits for the students: It is evident that the continuous engagement and focus on skill-building offers an excellent opportunity to the students to learn and grow whilst they are still in college. The additional benefits can be summarized as follows:

- Students become industry-ready right out of college.
- Summer internships are offered for top performers after KPIT PACE Foundation.
- A badge of honor is awarded, leading to a more attractive resume.
- After joining KPIT, there is an opportunity for higher education with reputed universities across the globe. This initiative ensures that KPIT employees pursue their higher education whilst simultaneously building their professional career with KPIT.

4.2 Benefits for the participating institute and their faculty: KPIT PACE gives an opportunity for the Institute to engage with a company which is committed to various aspects of mobility – a niche and emerging area with a very high impact. The benefits can be summarized as follows:

- The students at the Institute are industry-ready right out of college.
- It is possible to include the modules of the KPIT PACE program as part of the academic credits of the student, especially for autonomous colleges.
- KPIT is one of the few Indian companies totally focused on mobility.
- Understand the 'Whys' from the industry experts.

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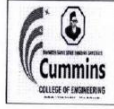


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branches who may have a passion for mobility-related technologies. They are most welcome to be a part of the KPIT PACE Foundation programme. Colleges can carve their own selection strategy to enroll students for this stage. We all understand that good caliber students selected at this stage add to the long-term success of the program at the respective colleges; and colleges are best suited to carry out this selection exercise. KPIT suggests that this selection stage can be aligned with the Campus Selection stage, explained in the succeeding paragraphs.

(b) **Stage 2 - Campus Selection:** On completion of KPIT PACE Foundation, there would be a Campus Selection stage. The students would be assessed on the following:

- Assessment for the three skill tracks –
 - Object Oriented Programming (OOP) with C++
 - Embedded Systems & C Programming
 - Model-Based Design (MBD) with MATLAB® / Simulink®
- Fundamentals of Engineering Maths – conceptual understanding of mathematical concepts and ability to model mathematically, rather than rote learning or mere solving of problems.
- Knowledge of written and spoken English (equivalent to IELTS 7). KPIT expects the colleges to build this competency early in the academic journey of the students. This will help the students to meet the professional competency expectations during the Selection Process. KPIT, if required, will help the college in defining the required standard.
- Preference would be given to students who possess Foreign Language competency in Japanese (typically N4 / N3 level) and German (typically A2 / B1 level). Colleges are requested to encourage the students in this endeavor. KPIT will identify the top-performers in these languages and offer them part-scholarships during the KPIT PACE Advanced for acquiring higher language competency levels.
- Preference would be given to students who have participated and completed the KPIT PACE-Foundation programme. Hence, it is reiterated that good calibre students are selected by the colleges for entry to Stage-1.

(c) **Stage 3 – KPIT PACE Advanced:** Upon selection through the Campus Selection stage, the student is eligible for the KPIT PACE-Advanced stage. This would span the 7th and 8th semesters for students from branches of Engineering, which are suitable for KPIT - typically CS / IT, Mechatronics, Electrical Engr, Mechanical Engr or Circuit branches. Further details are indicated in the figure. Please note the following activities in the 8th semester:

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3.2 **Two-year journey from the 5th semester:** Figure 3 shows an overview of the two-year journey, further broken down into four cardinal stages. We see, that there is substantial focus on skill-building via gamification and frequent contests.

(a) **Stage 1 - KPIT PACE Foundation:** This would span the 5th and 6th semesters for students from all branches of Engineering. KPIT understands that there might be students from branches other than CS / IT, Mechatronics, Electrical Engr, Mechanical Engr or Circuit

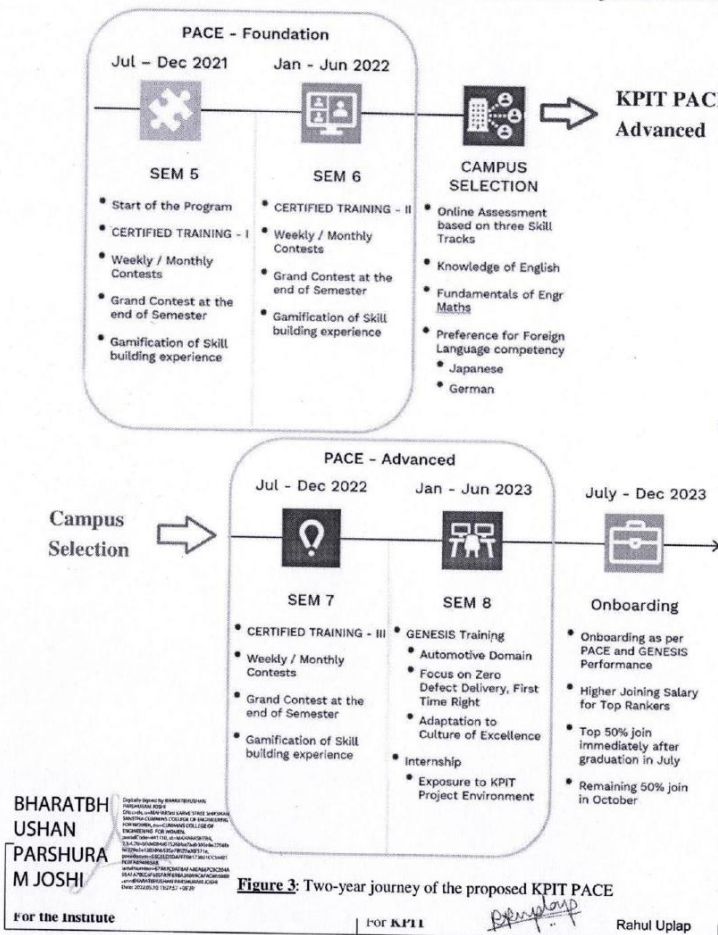


Figure 3: Two-year journey of the proposed KPIT PACE



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website : www.cumminscollege.edu.in

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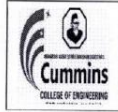


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KPIT

3.1 **Main features of KPIT PACE:** Figure 2 gives an overview of the main features of KPIT PACE:

- Continuous and sustained focus on the three skill-tracks mentioned in the foregoing.
- Frequent connects with industry experts.
- Monthly challenges and frequent Hackathons.
- In the 8th semester, students have an opportunity to participate in KPIT's ab-initio training program for its freshers – Genesis. This gives an opportunity to top-performers for participating in live-projects, immediately upon joining KPIT.
- Opportunity for internships in the 8th semester.
- Campus recreation at the beginning of the 7th semester.
- Conduct of the Automotive Software Engineering Course (ASEC) over two semesters. This would be part of the future scope of KPIT PACE.

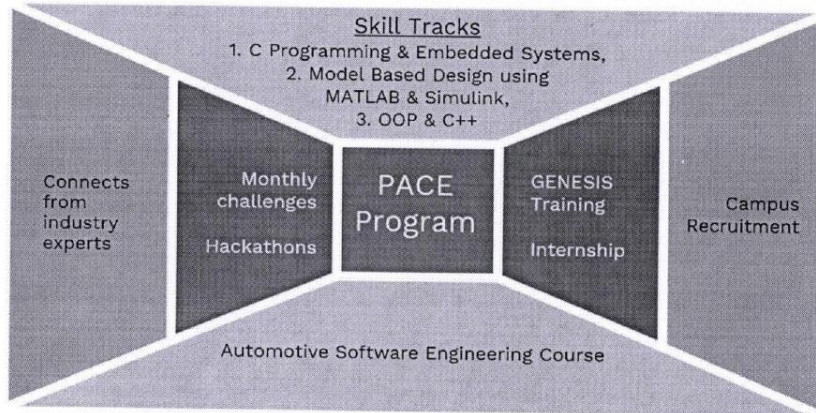


Figure 2: Main features of the proposed KPIT PACE

Sign: BHARATBHUSHAN PARSHURAM JOSHI For the Institute	Sign: Rahul Uplap For KPIT
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PAGE 5 OF 20



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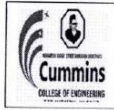


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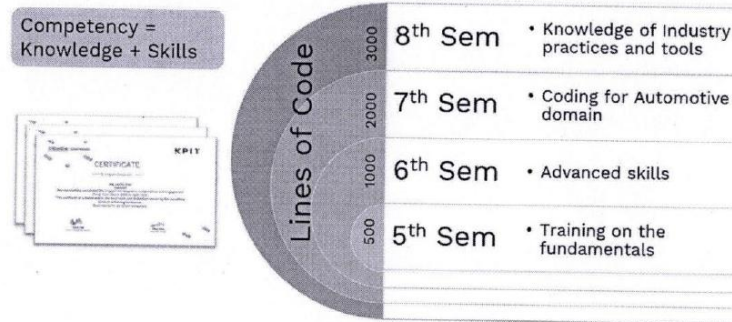


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KPIT

Sec. 2. Proposed KPIT PACE: The focus of KPIT PACE, the main features, overview of the two-year journey from the 5th semester, and the four stages of the proposed KPIT PACE are outlined in this Section and in Figure 1.



It's all about building skills and not just enhancing knowledge

Note: The Lines of Code are representative and not exact expectations mapped against each semester of engagement.

Figure 1: Greater focus on continuous engagement, skill-building and skill-assessment

Sec. 3. Focus of KPIT PACE - Continuous engagement, skill-building and skill-assessment: We notice in Figure 1, that it is proposed to engage with the students from their fifth semester. By way of frequent contests and hackathons, it is envisaged that the students would have written approximately 3,000 lines of code (representative numbers, based on industry experience) in one of the three identified tracks.

This is with the aim of skill-building of the students over an extended duration. The three tracks are:

- Object Oriented Programming (OOP) with C++
- Embedded Systems & C Programming
- Model Based Design with MATLAB®/Simulink®

Sign: BHARATBHUSHAN PARSHURAM JOSHI For the Institute	Sign: Rahul Uplap For KPIT
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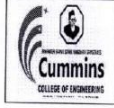


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KPIT

extended duration through monthly challenges / hackathons, compared to the earlier KPIT PACE engagement.

- (c) To collaboratively engage in placement activities, whereby KPIT shall provisionally recruit competent students of final year of BE / B Tech programs of the Institute, depending on the annual need and growth plan of KPIT.
- (d) To identify the areas of research and development in Engineering of mutual interest and work on the identified proposals jointly on agreed terms. KPIT will strive for greater engagement of its Engineers and Experts for the benefit of the students and faculty members.
- (e) To bridge the gap between academia and industry and contribute to the education eco-system within the colleges and at KPIT. KPIT PACE has a greater focus on the teaching community and faculty to create collaborative mechanisms. KPIT will make all attempts to provide exposure to faculty members in emerging technologies; and offer advice for achieving educational objectives and outcomes of the UG programme. It is also envisaged to take assistance of the faculty members, not only in R&D projects; but also, in the internal training programs (modules) of KPIT for its employees.
- (f) To strive for increased cooperation in the recruitment of other categories of students, other than BE / BTech. KPIT shall reach out to the Institute, for suitable engagements for internships as well as hiring for the other category of students, viz. BCS, MCS, BSc/MSc (honours in either one of Comp Science, Maths, Electronics or Physics), Diploma (Circuit and non-circuit branches), ME and MTech... based on the business needs of KPIT. Colleges are requested to share the availability of students, recruitment details and statistics (mean, median, min and max) about the salaries offered by the various companies to the present and past batches. Care shall be taken by KPIT regarding the confidentiality of all data shared by the colleges.

Sign: BHARATBHUSHAN PARSHURAM JOSHI For the Institute	Sign: <i>Rahul Uplap</i> Rahul Uplap For KPIT
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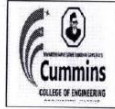


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KPIT

NOW IT IS AGREED BY AND BETWEEN THE PARTIES AS UNDER

Sec. 1. Relevance and Objectives of KPIT PACE: The proposed KPIT PACE is a successor to the existing KPIT PACE between KPIT and various Engineering colleges. A detailed presentation regarding the proposed KPIT PACE was made by KPIT to prospective partner-colleges on 12th Jun and 19th Jun 2021. This Section explains the relevance of KPIT PACE and then highlights the objectives of cooperation under the new proposed KPIT PACE. For the purpose of this MOU, the term "student" will categorically mean "under-graduate students pursuing BE / B Tech in any of the offered Engineering streams by the Institute, unless otherwise indicated in the relevant clause. Collectively, KPIT and the Institute shall be referred as BOTH PARTIES.

1.1 Relevance of KPIT PACE: The relevance of industry-academia collaboration envisaged under KPIT PACE can be gauged from the following:

(a) **Present status of automotive software.** Software is a major component in automotive systems. As an example, a modern-day car has nearly 150M lines of code, compared to a Boeing 747 with 30M lines of code.

(b) **Expectations from the present workforce.** To meet the zero-defect and timely delivery of the complex projects in the automotive domain, it is imperative that employees possess strong engineering fundamentals. To achieve this, it is imperative that there is greater focus on building vocational and technical skills through engaging learning activities and an early exposure to real world projects as part of academic courses.

(c) **Hiring model.** The hiring model has to focus equally on skill-evaluation and assessment of knowledge of the potential candidates. Seeing the present trends, there is a requirement to give increasing weightage to open-source software development. Additionally, there should be emphasis on assessing the learnability of the candidates, since technology and tools are ever-evolving.

1.2 Objectives of Cooperation under the new proposed KPIT PACE: The main objective of this MoU is to formally initiate the new Program for Academic Collaboration & Engagement. This initiative will provide a better platform to build a strong and on-going relationship between KPIT and the Institute. The primary goals of KPIT PACE are:

(a) To develop and foster strategic linkages between the Institute and the Campus Hiring Team and the technical verticals (Practices) at KPIT; and to execute relevant identified activities to meet the needs and expectations of both the parties.

(b) To offer training-modules / courses of mutual interest to students and jointly issue certificates to them, upon successful completion of the course(s). Competency is a combination of knowledge and skill. Hence, there is greater focus on skill-building over an

Sign: For the Institute BHARATBHUSHAN PARSHURAM JOSHI	Sign: For KPIT Rahul Uplap
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PAGE 2 OF 20



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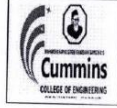


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KPIT

MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (MoU) about the Program for Academic Collaboration & Engagement (KPIT PACE) initiative of KPIT, made and entered on this 9th May 2022.

BETWEEN

KPIT Technologies Limited, hereinafter referred to as "KPIT", having its Registered office at Plot Number-17, Rajiv Gandhi Infotech Park, MIDC-SEZ, Phase-III, Hinjawadi, Pune – 411057

AND

MKSSS' Cummins College of Engineering for Women, Nagpur, Mouje Sukli (Gupchup), Hingna, Nagpur-441110.

WHEREAS, the Institute is one of the leading engineering colleges in Nagpur, established in 2010, nurtured and managed by **Maharshi Karve Stree Shikshan Samstha, Pune** and the institute is accredited by NAAC. The Institute is functioning proactively to provide the best professional environment to engineering and management students in terms of academics, industry-oriented trainings, sports, co-curricular & extracurricular activities, cultural activities, various competitions, etc to create true aesthetically sensitive, socially committed and technologically competent engineers and management professionals. It offers courses in BTech of Engineering.

AND WHEREAS KPIT is a global technology company with software solutions that will help mobility to leapfrog towards an autonomous, clean, smart, and connected future. With around 7,000+Automobeliervers across the globe, specializing in embedded software, Artificial Intelligence (AI) & Digital solutions, KPIT enables its customers to accelerate implementation of next generation mobility technologies.

AND WHEREAS, the two parties, KPIT and the Institute have decided to enter into a strategic collaboration on terms which are mutually beneficial to them. AND WHEREAS both the Institute and KPIT desire to spell out the terms and conditions in respect of this collaboration and to enter into a Memorandum of Understanding ("MoU") for that purpose.

Sign: For the Institute	BHARATBHUSHAN PARSHURAM JOSHI	Sign: For KPIT	 Rahul Uplap
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PAGE 1 OF 20



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MEMORANDUM OF UNDERSTANDING

BETWEEN

Ashta Tech Automation Pvt. Ltd.

&

**Cummins College of Engineering for
Women, Nagpur**



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MEMORANDUM OF UNDERSTANDING (MoU)

BETWEEN

Cummins College of Engineering for Women, Nagpur

AND

Ashta Tech Automation Pvt. Ltd.

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

.....01.....day ofAugust.....Month 2022

BY AND BETWEEN

Cummins College of Engineering for Women, Nagpur, the First Party represented herein by its Principal Dr. Bharatbhushan Joshi

And

Ashta Tech Automation Pvt. Ltd., Nagpur, The Second party, represented herein by its Director Mr. Harshad Wasule.

WHEREAS:

A) First Party is a Higher Educational Institution named: **Cummins College of Engineering for Women, Nagpur (CCoEW, Nagpur)**.

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

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

D) **Ashta Tech Automation Pvt. Ltd., Nagpur**, - the Second Party is engaged in Product as well as Service domain. The firm manufactures various kinds of Industrial Robots, Medical Robots, Institutional Robotic Arm, Industrial Automation etc. & also engaged in providing innovative solutions for the betterment of production, quality, packaging, palletizing, CNC Tending etc.

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

CLAUSE 1 CO-OPERATION

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

Page 2 of 3



Kmilind

Dr. Milind Khanapurkar
Principal

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CLAUSE 2

SCOPE OF THE MoU

- 2.1 Industrial Training & Visits:** Industry and Institution interaction will provide an insight into the latest developments / requirements of the industries; the Second Party to permit the Faculty and Students of the First Party to visit its group companies and also involve in Industrial Training Programs for the First Party. This will provide confidence & smooth transition for students work. Also, the Second party may register on the AICTE Internship Portal for the benefit of students.
- 2.2 Guest Lectures:** Second Party to extend the necessary support to deliver guest lecturers to the students of the First Party on the technology trends and in-house requirements.
- 2.3 Placement & Training:** second party will actively engage to help the delivery of the training and placement of the students of the first party on the technology trends and in-house requirements.
- 2.4 Internship:** Second party may allow students to undergo internship based on the availability for the eligible shortlisted students of Cummins College of Engineering for Women, Nagpur
- 2.5 Collaborative Research :** Collaboration with mutual consent in the submission of proposal to the Government funding agencies in India for research project & its allied activities.
- 2.6 Collaborative Production:** In case of collaborative product development the second party can access the lab & workshop facilities of college with mutual consent.
- 2.7** There is no financial commitment on the part of the **Cummins College of Engineering for Women, Nagpur**, the first party to take up any program mention in MoU. If there is any financial consideration, it will be dealt separately.
- 2.8** Both Parties to obtain all internal approvals, consents, permissions, and licenses of whatsoever nature required.

CLAUSE 3

VALIDITY

- 3.1** This MoU takes effect from 01/08/22 and is valid for a period of 05 years from the date of signing. This Agreement will be valid until it is expressly terminated by either Party on mutually agreed terms, during which period, the Second Part with advance written notice of one month.

CLAUSE 4

RELATIONSHIP BETWEEN THE PARTIES

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

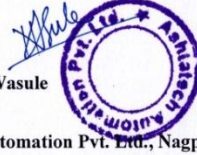
First Party

Dr. Bharatbhushan Joshi
Principal
Cummins CoE for Women,
Nagpur



Second Party

Mr. Harshad Wasule
Director
Ashta Tech Automation Pvt. Ltd., Nagpur



Witness & Single Point of Contact (SPCC):

1. Dr. Jitesh Shinde
2. Chetan Tikhile

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Memorandum of Understanding

between

MKSSS's Cummins College of Engineering for Women, Nagpur
APNA Nagpur 90.8 FM, Tirpude College of Social Work, Nagpur and
ASM International, Pune Chapter

Legitimate From 3rd July 2023 to 2nd July 2026

This Memorandum of Understanding (MOU) is executed on 3rd day of July 2023 between

Party 1: MKSSS's Cummins College of Engineering for Women, Nagpur

Party 2: APNA NAGPUR 90.8FM, Tirpude College of Social Work, Nagpur

Party 3: ASM International, Pune Chapter

All the three Parties wish to work together to promote mutual interests in academics and business through this MOU, which sets forth the terms of understanding as described below.

- To broadcast/transmit the contents of ASM International Pune Chapter and Material Advantage Students' of Chapter MKSS's Cummins College of Engineering for Women, Nagpur on Apna Nagpur 90.8 FM Radio station, a Community Radio Station.
- Contents provided for the Apna Nagpur 90.8 FM Community Radio will not be used for commercial. The content will be broadcasted with advertisements, these advertisements are excluded from this MOU.
- The mission will be to support the development of socio-economic and cultural objectives of the people of Nagpur.
- This MoU is for a non-exclusive, irrevocable, and royalty-free permission, and it is not intended to interfere with other uses of the same work by all the three parties involved.
- Because of changing technologies, permission to use the materials in connection with future versions of the Radio Station, in any format, including electronic and print media will be granted.
- All the three parties would be pleased to include a full citation to the work and other acknowledgement as might be requested.

1 |



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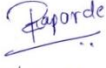
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Dr. Milind M. Khanapurkar
Principal, MKSSS's Cummins
College of Engineering, Nagpur


Manager
Apna Nagpur 90.8 FM
Community Radio Station
Tirpude College of Social Work
Nagpur, Maharashtra-440001
Mr. Sumit Gupta
(Manager)
Apna Nagpur 90.8 FM


Mr. Udayan Pathak
FASM Chairman
ASM International Pune Chapter


Sneha Tambe
Witness 1
Name & Sign:


Riya Khaparde
Witness 2
Name & Sign:


Durgamti
Sinvastara
Witness 3
Name & Sign:




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mail : apnanagpurfm@gmail.com



90.8FM
APNA
NAGPUR
COMMUNITY RADIO STATION

Date: 03/07/2023

To,
Dr. Milind M. Khanapurkar,
Principal,
MKSSS's Cummins College of Engineering,
Nagpur

Dear Sir,

We are writing to request permission to broadcast/transmit your content of ASM International Pune Chapter and Material Advantage Chapter MKSS's Cummins College of Engineering for Women, Nagpur on our Radio station. This request is for permission to broadcast/transmit your content as part of Apna Nagpur 90.8 FM, a Community Radio Station. Content provided by you will not be used for commercial purpose with the exception of advertisements that would be inserted as a part of our daily schedule in a program.

Community Radio Station Apna Nagpur 90.8 FM was launched under Yugantar Educational Society on 16th January 2022. Our mission is to support the development of socio-economic and cultural objectives of the people of Nagpur. We believe that you both are currently the holder of the copyright, because the original work states that copyright is held in your name, If you do not currently hold the rights, please provide us with any information that can help me contact the proper rights holder. Otherwise, your permission confirms that you hold the right to grant this permission.

This request is for a non-exclusive, irrevocable, and royalty-free permission, and it is not intended to interfere with other uses of the same work by you. Because of changing technologies, we are also requesting permission to use the materials in connection with future versions of the Radio Station, in any format, including electronic and print media. We would be pleased to include a full citation to the work and other acknowledgement as you might request.



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



We would greatly appreciate your permission. If you require any additional information, do not hesitate to contact us at the address and number above. A duplicate copy of this request has been provided for your records. If you agree with the terms as described above, please sign the letter where indicated below and return one copy in the enclosed return envelope.

Sincerely,

Mr. Sumit Gupta
(Manager)
Apna Nagpur 90.8 FM
Tirpude College Campus,
Yugantar Educational Society,
Civil Lines,
Nagpur - 440001
Phone: +91 942 1234 206
e-mail: apnanagpurfm@gmail.com

Permission is hereby granted:

1. Signature: 
Name & Title: Mr. Udayan Pathak, FASM Chairman
Company/Affiliation: ASM International Pune Chapter
Date: 03/07/2023

1. Permission is hereby granted:
Signature: 
Name & Title: Dr. Milind Khanapurkar, Principal
Company/Affiliation: MKSS's Cummins College of Engineering, Nagpur
Date: 03/07/2023




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Date: 03/07/2023

To,
Mr. Udayan Pathak,
FASM Chairman,
ASM Pune Chapter
1st Floor, Guruprasad, 6th Lane,
Prabhat Road, Deccan Gymkhana
Pune - 411004

Dear Sir,

We are writing to request permission to broadcast/transmit your content of ASM International Pune Chapter and Material Advantage Chapter MKSS's Cummins College of Engineering for Women, Nagpur on our Radio station. This request is for permission to broadcast/transmit your content as part of Apna Nagpur 90.8 FM, a Community Radio Station. Content provided by you will not be used for commercial purpose with the exception of advertisements that would be inserted as a part of our daily schedule in a program.

Community Radio Station Apna Nagpur 90.8 FM was launched under Yugantar Educational Society on 16th January 2022. Our mission is to support the development of socio-economic and cultural objectives of the people of Nagpur. We believe that you both are currently the holder of the copyright, because the original work states that copyright is held in your name. If you do not currently hold the rights, please provide us with any information that can help me contact the proper rights holder. Otherwise, your permission confirms that you hold the right to grant this permission.

This request is for a non-exclusive, irrevocable, and royalty-free permission, and it is not intended to interfere with other uses of the same work by you. Because of changing technologies, we are also requesting permission to use the materials in connection with future versions of the Radio Station,



Kamini

Dr. Milind Khanapurkar
Principal
Maharshi Karve Stree Shikshan Samstha's
Cummins College of Engineering for Women
Hingna, Nagpur-441118.

■ Tel. No. : 9657667030 ■ E-mail : office@cumminscollge.edu.in,
■ website : www.cumminscollge.edu.in

Mouje Sukli (Gupchup), Hingna, Nagpur-441110





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in any format, including electronic and print media. We would be pleased to include a full citation to the work and other acknowledgement as you might request.

We would greatly appreciate your permission. If you require any additional information, do not hesitate to contact us at the address and number above. A duplicate copy of this request has been provided for your records. If you agree with the terms as described above, please sign the letter where indicated below and return one copy in the enclosed return envelope.

Sincerely,

Mr. Sumit Gupta
(Manager)
Apna Nagpur 90.8 FM
Tirpude College Campus,
Yugantar Educational Society,
Civil Lines,
Nagpur - 440001
Phone: +91 942 1234 206
e-mail: apnanagpurfm@gmail.com

Permission is hereby granted:

1. Signature: 

Name & Title: Mr. Udayan Pathak, FASM Chairman

Company/Affiliation: ASM International Pune Chapter

Date: 03/07/2023

2. Permission is hereby granted:

Signature: 

Name & Title: Dr. Milind Khanapurkar, Principal

Company/Affiliation: MKSS's Cummins College of Engineering, Nagpur

Date: 03/07/2023





Dr. Milind Khanapurkar
Principal

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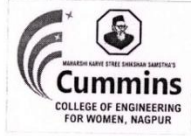
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भारतकर
महर्षी ढोंडो केशव कर्वे



MEMORANDUM OF UNDERSTANDING

between

Astrotech Pvt. Ltd, Nagpur

and

MKSSS' Cummins College of Engineering for
women, Hingna, Nagpur

25th August 2022



Kmilind

Dr. Milind Khanapurkar
Principal

Maharshi Karve Stree Shikshan Sanstha's
Cummins College of Engineering for Women
Hingna, Nagpur-441118.

■ Tel. No. : 9657667030 ■ E-mail : office@cumminscollege.edu.in,
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MEMORANDUM OF UNDERSTANDING (MoU)

BETWEEN

Cummins College of Engineering for Women

AND

Astrotech India Pvt. Ltd.

This Memorandum of Understanding (hereinafter called as the 'MoU' is entered into on this the 25th August 2022 between.

Party 1: Cummins College of Engineering for Women, Hingna, Nagpur

And

Party 2 Astrotech India Pvt. Ltd, Nagpur

Cummins College of Engineering for Women, the First Party represented herein by its Principal / Director / Head of Institution **Cummins College of Engineering for Women**, And Astrotech India Pvt. Ltd . The second party and represented herein by its Centre Head / Director / Managing Director Mr. Ajay Kumar Shrivastava.

WHEREAS:

- A) First Party is a Higher Educational Institution named: **Cummins College of Engineering for Women, Nagpur.**
- B) First Party & Second Party believe that collaboration and co-operation between themselves will promote more effective use of each of their resources, and provide each of them with enhanced opportunities.
- C) The Parties intent to cooperate and focus their efforts on cooperation within area of Skill Based Training, Education, Placement, Industrial Visit, Expert Lecture.
- D) **Astrotech India Pvt. Ltd** - the Second Party is engaged in providing internships to students, providing problem statements to students, expert lecture and consultancy.

MoU Between CCoEW & Astrotech India Pvt. Ltd

Page 1 | 3



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

CLAUSE 1 CO-OPERATION

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

CLAUSE 2 SCOPE OF THE MoU

- 2.1 **Industrial Training & Visits:** Industry and Institution interaction will provide an insight into the latest developments / requirements of the industries; the Second Party to permit the Faculty and Students of the First Party to visit its group companies and also involve in Industrial Training Programs for the First Party. This will provide confidence & smooth transition for students work. Also the Second party may register on the AICTE Internship Portal for the benefit of students.
- 2.2 **Guest Lectures:** Second Party to extend the necessary support to deliver guest lecturers to the students of the First Party on the technology trends and in house requirements.
- 2.3 **Placement of trained students:** second party will actively engage to help the delivery of the training and placement of the students of the first party on the technology trends and in house requirements.
- 2.4 There is no financial commitment on the part of the **Cummins College of Engineering for Women**, the first party to take up any program mention in MoU. If there is any financial consideration, it will be dealt separately.
- 2.6 Both Parties to obtain all internal approvals, consents, permissions, and licenses of whatsoever nature required.

MoU Between CCoEW & Astrotech India Pvt. Ltd

Page 2 | 3



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CLAUSE 3

VALIDITY

3.1 The term of this MOU shall be valid for a period of 1 year effective from the Effective Date. Either party may terminate this MOU in the following events:

3.1 Thereafter either party may terminate the MoU by giving to the other party 30 days' notice in writing.

CLAUSE 4

RELATIONSHIP BETWEEN THE PARTIES

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

First Party

CCoEW, Nagpur


Signature

Dr. Bharatbhushan Joshi

Principal, CCoEW, Nagpur

Date:

Witness & Single Point of Contact (SPOC):

Prof.S. Khamankar

Second Party

Astrotech India Pvt. Ltd


Signature

Mr. Ajay Kumar Shrivastava

Managing Director

Date:

MoU Between CCoEW & Astrotech India Pvt. Ltd

Page 3 | 3



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MEMORANDUM OF UNDERSTANDING

between

Codem@te IT Services

and

MKSSS' Cummins College of Engineering for
women, Hingna, Nagpur



Kvinkind

Dr. Milind Khanapurkar
Principal

Maharshi Karve Stree Shikshan Sanstha's
Cummins College of Engineering for Women
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Mouje Sukli (Gupchup), Hingna, Nagpur-441110





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MEMORANDUM OF UNDERSTANDING (MoU)

BETWEEN

Cummins College of Engineering for Women

AND

Codem@te IT Services

This Memorandum of Understanding (hereinafter called as the 'MoU') is entered into on this the 25th August 2022 between.

Party 1: Cummins College of Engineering for Women, Hingna, Nagpur

And

Party 2: Codem@te IT Services , Nagpur

Cummins College of Engineering for Women, the First Party represented herein by its Principal / Director / Head of Institution **Cummins College of Engineering for Women**, And **Codem@te IT Services** . The second party and represented herein by its Centre Head / Director / Managing Director **Dr. Animesh Tayal** .

WHEREAS:

A) First Party is a Higher Educational Institution named: **Cummins College of Engineering for Women, Nagpur**.

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

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

D) **Codem@te IT Services** - the Second Party is engaged in providing internships to students, providing problem statements to students, expert lecture and consultancy.

MoU Between CCoEW & Codem@te IT Services

Page 1 | 3



Kamini

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Mouje Sukli (Gupchup), Hingna, Nagpur-441110





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

CLAUSE 1 CO-OPERATION

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

CLAUSE 2 SCOPE OF THE MoU

- 2.1 **Industrial Training & Visits:** Industry and Institution interaction will provide an insight into the latest developments / requirements of the industries; the Second Party to permit the Faculty and Students of the First Party to visit its group companies and also involve in Industrial Training Programs for the First Party. This will provide confidence & smooth transition for students work. Also the Second party may register on the AICTE Internship Portal for the benefit of students.
- 2.2 **Guest Lectures:** Second Party to extend the necessary support to deliver guest lecturers to the students of the First Party on the technology trends and in house requirements.
- 2.3 **Placement of trained students:** second party will actively engage to help the delivery of the training and placement of the students of the first party on the technology trends and in house requirements.
- 2.4 There is no financial commitment on the part of the **Cummins College of Engineering for Women**, the first party to take up any program mention in MoU. If there is any financial consideration, it will be dealt separately.
- 2.6 Both Parties to obtain all internal approvals, consents, permissions, and licenses of whatsoever nature required.

CLAUSE 3 VALIDITY

MoU Between CCoEW & Codem@te IT Services

Page 2 | 3



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Mouje Sukli (Gupchup), Hingna, Nagpur-441110





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3.1 The term of this MOU shall be valid for a period of 1 year effective from the Effective Date. Either party may terminate this MOU in the following events:

3.1 Thereafter either party may terminate the MoU by giving to the other party 30 days' notice in writing.

CLAUSE 4 RELATIONSHIP BETWEEN THE PARTIES

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

First Party

CCoEW, Nagpur

Second Party

Codem@te IT Services

Signature

Dr. Sanjivani Shastri
Officiating Principal,
CCoEW, Nagpur

Date:

OFFICIATING PRINCIPAL
MAHARSHI KARVE STREE SHIKSHAN SAMSTHA'S
CUMMINS COLLEGE OF ENGINEERING FOR WOMEN
HINGNA, NAGPUR-441110

Signature

Dr. Animesh Tayal
Managing Director

Date:



MoU Between CCoEW & Codem@te IT Services

Page 3 | 3



K. Milind

Dr. Milind Khanapurkar
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Maharshi Karve Stree Shikshan Samstha's
**Cummins College of Engineering
for Women**

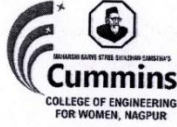
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MEMORANDUM OF UNDERSTANDING

Between

Crypto Forensic Technology

and

MKSSS' Cummins College of Engineering for
women, Hingna, Nagpur

April 2023



K. Milind

Dr. Milind Khanapurkar
Principal

Maharshi Karve Stree Shikshan Samstha's
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MEMORANDUM OF UNDERSTANDING

Between

Crypto Forensic Technology

And

MKSSS Cummins College of Engineering for women, Hingna, Nagpur

Legitimate From April 2023 to April 2025

This Memorandum of Understanding (MOU) is executed on 2nd April 2023 between

Party 1: Crypto Forensic Technology

and

Party 2: Cummins College of Engineering for Women, Hingna, Nagpur.

Both the Parties wish to work together to promote mutual interests in academics and business through this MOU, which sets forth the terms of understanding as described below.

1) Purpose of MOU:

Cummins CCOEWs, Department of Computer Engineering, takes the initiative with a view of the statutory objective to disseminate advanced knowledge by providing Instructional, Industrial Training and Placement opportunities to learn, as it may deem fit and it shall endeavor to provide students and teachers the necessary atmosphere and facilities in the fields of Computer Engineering, Cyber Security, Cyber Forensic Science for the promotion of following -

- Technological thrust Areas of Collaboration
- Industrial Visit for students
- Internship to the students either in vacation or during semester
- Live Project Development by giving solutions to the problem statements given by industry
- Technical Seminars/ Workshops

Mr. Shrikant Ardhapurkar
Director

Shrikant Ardhapurkar
3-2-23



OFFICIATING PRINCIPAL
MAHARSHI KARVE STREE SHIKSHAN SAMSTHA'S
CUMMINS COLLEGE OF ENGINEERING FOR WOMEN
HINGNA, NAGPUR-441110

Principal, CCOEW, Nagpur



Milind

Dr. Milind Khanapurkar
Principal

Maharshi Karve Stree Shikshan Samstha's
Cummins College of Engineering for Women
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Mouje Sukli (Gupchup), Hingna, Nagpur-441110





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2) Objectives of MOU:

- 2.1 To provide a formal basis of interaction between Crypto Forensic Technology, Nagpur and CCOEW, Nagpur.
- 2.2 To promote interaction between Crypto Forensic Technology, Nagpur and CCOEW, Nagpur in jointly beneficial technological areas.
- 2.3 To promote and enhance academic interest on topics of mutual benefit between Crypto Forensic Technology, Nagpur and CCOEW.
- 2.4 To encourage students of CCOEW for Internship/ Industrial visit/ to take up live projects at Crypto Forensic Technology, Nagpur.
- 2.5 To promote Industrial Education & related educational activities on the CCoEW campus.

3) Responsibilities of College

- 3.1 Cummins shall encourage students to share their idea and project prototype in order to develop products with the help of Crypto Forensic Technology, Nagpur.
- 3.2 Provide faculty as a project guide under whose guidance solutions to the problem statements will be executed at CCoEW
- 3.3 To engage students on Problem Statements through academic aligned platform such as:
 - Guest Lectures
 - Industrial Visit
 - Brand Ambassador visiting college
 - Soft-skill awareness workshop in college
- 3.4 Provide logistic support in terms of execution of activities.
- 3.5 Provide necessary infrastructural support to host seminar / presentation / quizzes in the college campus.

4) Responsibilities of Crypto Forensic Technology, Nagpur

- 4.1 Provide live project opportunities
- 4.2 Provide mentor from Crypto Forensic Technology, Nagpur for student's team

Mr. Shrikant Ardhapurkar
Director

Shrikant Ardhapurkar
9-2-23



AMS
Principal, CCOEW, Nagpur

OFFICIATING PRINCIPAL
MAHARSHI KARVE STREE SHIKSHAN SAMSTHA'S
CUMMINS COLLEGE OF ENGINEERING FOR WOMEN
HINGNA, NAGPUR-441110



Amind

Dr. Milind Khanapurkar
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4.3 Provide technical experts team for mutually agreed initiatives.

4.4 Provide opportunity for students to interact with officials of Crypto Forensic Technology, Nagpur.

5) Joint Responsibilities of the parties:

5.1 Ensure active participation and end to end support to achieve desired results.

5.2 Set up joint progress tracking mechanism.

5.3 Sync up on periodic basis.

5.4 Provide infrastructure support on need basis.

6) Expenses:

Each party would bear its own expenses and cost incurred in connection with all the activities relating to the MOU.

7) Confidentiality:

During a period of MoU from the date of disclosure, each party agrees to consider all information as confidential shared by the other party in written or tangible form or, orally disclosed confirmed in writing within thirty days of sharing and identified as confidential by the disclosing party.

The obligations above shall not extend to any confidential information for which the receiving party can prove that this information is in the public domain at the time of disclosure or comes within the public domain without fault of the receiving party. This is already known or become known to the receiving party is received from a third party having no obligations of confidentiality to the disclosing party. The relationship of the parties under this MOU shall be nonexclusive and both parties, including their affiliates, subsidiaries and divisions, are free to pursue. Other agreements or collaborations of any kind and when entering into a particular agreement, the participants may agree to limit each party's right to collaborate with others on that subject.

Mr. Shrikant Ardhapurkar
Director

Shrikant Ardhapurkar
3-2-23



GAJ
Principal, CCOEW, Nagpur
OFFICIATING PRINCIPAL
MAHARSHI KARVE STREE SHIKSHAN SAMSTHA'S
CUMMINS COLLEGE OF ENGINEERING FOR WOMEN
HINGNA, NAGPUR-441110



K. Milind

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This MOU, unless extended by mutual written agreement of the parties, shall expire in 2 years after the effective date. This MOU may be amended or terminated earlier by mutual written agreement of the parties at any time. Either party shall have the right to unilaterally terminate this MOU upon 60 days prior written notice to the other party. However, no such early termination of this MOU, whether mutual or unilateral, shall affect the obligations of the participants under any Agreement, Confidentiality clause as referenced in clause 3 above, or any other agreement entered into pursuant to this MOU, which obligations shall survive any such termination. Nothing in this MOU shall be construed to make party a partner, an agent or legal representative of the other for any purpose.

8) Independent Contractor: Relationship between the parties to this MOU is that of an independent contractor, and nothing in this MOU will be construed to create a joint partnership, agency, or employer-employee relationship. Parties have the sole obligation to (i) comply with applicable laws and (ii) supervise, manage, contract, direct, procure, perform or cause to be performed its obligations set forth in this MOU, except as otherwise agreed upon by the parties. Neither party has an authority to make any commitment or representation for and on behalf of the other party under this MOU.

9) Subcontract/Assignment: Neither party shall assign, subcontract or otherwise transfer its rights or obligations under this MOU without prior written consent of the other party, which will not be unreasonably withheld.

10) Non-solicitation: During the term of this MOU, and for a period of one year thereafter, neither party shall, directly or indirectly, solicit, or attempt to solicit, engage or employ, induce or attempt to induce any person who is an employee or consultant of the other party to leave the employ of the other party.

Mr. Shrikant Ardhapurkar
Director

Shrikant
3-2-23



MS
Principal, CCOEW, Nagpur

OFFICIATING PRINCIPAL
MAHARSHI KARVE STREE SHIKSHAN SAMSTHA'S
CUMMINS COLLEGE OF ENGINEERING FOR WOMEN
HINGNA, NAGPUR-441110



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11) Term and Termination: The term of this MOU shall be valid for a period of 2 years effective from the Effective Date. Either party may terminate this MOU in the following events:

- In the event of insolvency, bankruptcy or winding up of the either party
- With a written notice of 30 days to the other party
- On entering into a Definitive MOU

12) Miscellaneous: Parties agree that the relationship contemplated herein shall be non-exclusive. This MOU may not be extended, amended, or superseded except in writing between the parties. This MOU may be executed in one or more counterparts (including scanned copies), which taken together shall constitute single MOU.

IN WITNESS THERE OF, the parties here to have caused this MOU to be duly executed by their authorized representatives as of the Effective Date written above.

Crypto Forensic Technology

Cummins College of Engineering for women, Hingna, Nagpur.

Signature

**Mr. Shrikant Ardhapurkar
Director**

Signature

**Principal, CCOEW, Nagpur
OFFICIATING PRINCIPAL**
MAHARSHI KARVE STREE SHIKSHAN SAMSTHA'S
CUMMINS COLLEGE OF ENGINEERING FOR WOMEN

Date : 9-2-23

Phone: 777390082

Date: HINGNA, NAGPUR-441110

Phone :



(Seal)



(Seal)



Kamind

**Dr. Milind Khanapurkar
Principal**
Maharshi Karve Stree Shikshan Samstha's
Cummins College of Engineering for Women
Hingna, Nagpur-441110.

■ Tel. No. : 9657667030 ■ E-mail : office@cumminscollege.edu.in,
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Mouje Sukli (Gupchup), Hingna, Nagpur-441110





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भारतरत्न
महर्षी धोंडो केशव कर्वे



MEMORANDUM OF UNDERSTANDING

between

Dowin Engineering Construction Pvt Ltd

and

**MKSSS' Cummins College of Engineering for
women, Hingna, Nagpur**

19th July 2022

MoU between Dowin Engg P Ltd and CCOEW, Nagpur



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MEMORANDUM OF UNDERSTANDING

between

**Dowin Engineering Construction Pvt Ltd and
MKSSS Cummins College of Engineering for women, Hingna, Nagpur**

Legitimate From 19 July 2022 to 18 July 2025

This Memorandum of Understanding (MOU) is executed on 19th day of July 2022 between

Party 1 : Dowin Engineering Construction Pvt Ltd

and

Party 2 : Cummins College of Engineering for Women, Hingna, Nagpur.

Both the Parties wish to work together to promote mutual interests in academics and business through this MOU, which sets forth the terms of understanding as described below.

1) Purpose of MOU:

Cummins CoEW's, Department of Mechanical Engineering, takes the initiative with a view of the statutory objective to disseminate advanced knowledge by providing Instructional, Industrial Training and Placement opportunities to learn, as it may deem fit and it shall endeavor to provide students and teachers the necessary atmosphere and facilities in the fields of Mechanical Engineering, Material Science, Material Testing for the promotion of following -

- **Technological thrust Areas of Collaboration**
- **Industrial Visit for students**
- **Internship to the students either in vacation or during semester**
- **Live Project Development by giving solutions to the problem statements given by industry**
- **Technical Seminars/ Workshops**

MoU between Dowin Engg P Ltd and CCOEW, Nagpur

Pg 1 of 5



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2) Objectives of MOU:

- 2.1 To provide a formal basis of interaction between Dowin Engineering Construction Pvt Ltd, Nagpur and CCOEW, Nagpur.
- 2.2 To promote interaction between Dowin Engineering Construction Pvt Ltd, Nagpur and CCOEW, Nagpur in jointly beneficial technological areas.
- 2.3 To promote and enhance academic interest on topics of mutual benefit between Dowin Engineering Construction Pvt Ltd, Nagpur and CCOEW.
- 2.4 To encourage students of CCOEW for Internship/ Industrial visit/ to take up live projects at Dowin Engineering Construction Pvt Ltd, Nagpur.
- 2.5 To promote Industrial Education & related educational activities on the CCoEW campus.

3) Responsibilities of College

- 3.1 Cummins CoE shall encourage students to share their idea, models in order to develop products with the help of Dowin Engineering Construction Pvt Ltd, Nagpur. IPR will be shared Jointly.
- 3.2 Provide faculty as a project guide under whose guidance solutions to the problem statements will be executed at CCoEW
- 3.2 To engage students on Problem Statements through academic aligned platform such as:
 - Guest Lectures
 - Industrial Visit
 - Brand Ambassador visiting college
 - Soft-skill awareness workshop in college
- 3.3 Provide logistic support in terms of execution of activities.
- 3.4 Provide necessary infrastructural support to host seminar/ presentation/ quizzes in the college campus.

4) Responsibilities of Dowin Engineering Construction Pvt Ltd, Nagpur

- 4.1 Provide live project opportunities
- 4.2 Provide mentor from Dowin Engineering Construction Pvt Ltd, Nagpur for student's team

MoU between Dowin Engg P Ltd and CCOEW, Nagpur

Pg 2 of 5



Kind

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Principal

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4.3 Provide technical experts team for mutually agreed initiatives.

4.4 Provide opportunity for students to interact with officials of Dowin Engineering Construction Pvt Ltd, Nagpur.

5) Joint Responsibilities of the parties:

5.1 Ensure active participation and end to end support to achieve desired results.

5.2 Set up joint progress tracking mechanism.

5.3 Sync up on periodic basis.

5.4 Provide infrastructure support on need basis.

5.5 To share IPR and its benefits jointly.

6) Expenses:

Each party would bear its own expenses and cost incurred in connection with all the activities relating to the MOU.

7) Confidentiality:

During a period of MoU from the date of disclosure, each party agrees to consider all information as confidential shared by the other party in written or tangible form or, if orally disclosed confirmed in writing within thirty days of sharing and identified as confidential by the disclosing party.

The obligations above shall not extend to any confidential information for which the receiving party can prove that this information is in the public domain at the time of disclosure or comes within the public domain without fault of the receiving party. This is already known or become known to the receiving party is received from a third party having no obligations of confidentiality to the disclosing party. The relationship of the parties under this MOU shall be nonexclusive and both parties, including their affiliates, subsidiaries and divisions, are free to pursue. Other agreements or collaborations of any kind. However, when entering into a particular agreement, the participants may agree to limit each party's right to collaborate with others on that subject.

This MOU, unless extended by mutual written agreement of the parties, shall expire in 3 years after the effective date specified in the opening paragraph. This MOU may be

MoU between Dowin Engg P Ltd and CCOEW, Nagpur

Pg 3 of 5



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amended or terminated earlier by mutual written agreement of the parties at any time. Either party shall have the right to unilaterally terminate this MOU upon 60 days prior written notice to the other party. However, no such early termination of this MOU, whether mutual or unilateral, shall affect the obligations of the participants under any Agreement, Confidentiality clause as referenced in clause 3 above, or any other agreement entered into pursuant to this MOU, which obligations shall survive any such termination. Nothing in this MOU shall be construed to make party a partner, an agent or legal representative of the other for any purpose.

8) Independent Contractor: Relationship between the parties to this MOU is that of an independent contractor, and nothing in this MOU will be construed to create a joint partnership, agency, or employer-employee relationship. Parties have the sole obligation to (i) comply with applicable laws and (ii) supervise, manage, contract, direct, procure, perform or cause to be performed its obligations set forth in this MOU, except as otherwise agreed upon by the parties. Neither party has an authority to make any commitment or representation for and on behalf of the other party under this MOU.

9) Subcontract/Assignment: Neither party shall assign, subcontract or otherwise transfer its rights or obligations under this MOU without prior written consent of the other party, which will not be unreasonably withheld.

10) Non-solicitation: During the term of this MOU, and for a period of one year thereafter, neither party shall, directly or indirectly, solicit, or attempt to solicit, engage or employ, induce or attempt to induce any person who is an employee or consultant of the other party to leave the employ of the other party.

11) Term and Termination: The term of this MOU shall be valid for a period of 3 years effective from the Effective Date. Either party may terminate this MOU in the following events:

- a. In the event of insolvency, bankruptcy or winding up of the either party

MoU between Dowin Engg P Ltd and CCOEW, Nagpur

Pa 4 of 5



K. Milind

Dr. Milind Khanapurkar
Principal

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- b. With a written notice of 30 days to the other party
c. On entering into a Definitive MOU

12) **Miscellaneous:** Parties agree that the relationship contemplated herein shall be non-exclusive. This MOU may not be extended, amended, or superseded except in writing between the parties. This MOU may be executed in one or more counterparts (including scanned copies), which taken together shall constitute single MOU.

IN WITNESS THEREOF, the parties here to have caused this MOU to be duly executed by their authorized representatives as of the Effective Date written above.

Dowin Engineering Construction
Pvt Ltd

Cummins College of Engineering for
women, Hingna, Nagpur


Signature

Mr. Sarang Killedar
Director

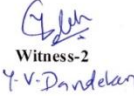
Date: 19th July 2022

Witness-1


Signature

Dr. Bhushan Joshi
Principal, CCOEW, Nagpur

Date: 19th July 2022


Witness-2
Y.V. Dandekar

Dowin Engineering Const. Pvt. Ltd.

Director



MoU between Dowin Engg P Ltd and CCOEW, Nagpur

Pg 5 of 5



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Dr. Milind Khanapurkar
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Mouje Sukli (Gupchup), Hingna, Nagpur-441110





Maharshi Karve Stree Shikshan Samstha's
**Cummins College of Engineering
for Women**

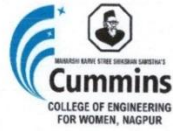
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MEMORANDUM OF UNDERSTANDING

between

E Art Technologies Private Limited, Nagpur

and

MKSSS' Cummins College of Engineering for
women, Hingna, Nagpur

18th July 2022



K. Milind

Dr. Milind Khanapurkar
Principal
Maharshi Karve Stree Shikshan Sanstha's
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MEMORANDUM OF UNDERSTANDING (MoU)

BETWEEN

Cummins College of Engineering for Women

AND

EArt Technologies Private Limited

This Memorandum of Understanding (hereinafter called as the 'MoU') is entered into on this the 09th Aug 2022 between.

Party 1: Cummins College of Engineering for Women, Hingna, Nagpur

Party 2: EArt Technologies Private Limited

Cummins College of Engineering for Women, the First Party represented herein by its Principal / Director / Head of Institution **Cummins College of Engineering for Women**, And EArt Technologies Private Limited. The Second party, and represented herein by its Center Head / Director Mr. Kunal Khawashi.

WHEREAS:

A) First Party is a Higher Educational Institution named: **Cummins College of Engineering for Women, Nagpur.**

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

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

D) EArt Technologies Private Limited.- the Second Party is engaged in Product as well as Service domain. The firm manufacturers various kinds of Industrial Robots, Medical Robots, Institutional Robotic Arm, Industrial Automation etc. & also engaged in providing innovative solutions for the betterment of production, quality, packaging, palletizing, CNC Tending etc.

Page 1 | 3



Kavind
Dr. Milind Khanapurkar
Principal
Maharshi Karve Stree Shikshan Sanstha's
Cummins College of Engineering for Women
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Mouje Sukli (Gupchup), Hingna, Nagpur-441110





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

CLAUSE 1 CO-OPERATION

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

CLAUSE 2 SCOPE OF THE MoU

- 2.1 **Industrial Training & Visits:** Industry and Institution interaction will provide an insight into the latest developments / requirements of the industries; the Second Party to permit the Faculty and Students of the First Party to visit its group companies and also involve in Industrial Training Programs for the First Party. This will provide confidence & smooth transition for students work. Also, the Second party may register on the AICTE Internship Portal for the benefit of students.
- 2.2 **Guest Lectures:** Second Party to extend the necessary support to deliver guest lecturers to the students of the First Party on the technology trends and in-house requirements.
- 2.3 **Placement & Training:** second party will actively engage to help the delivery of the training and placement of the students of the first party on the technology trends and in-house requirements.
- 2.4 **Internship:** Second party may allow students to undergo internship based on the availability for the eligible shortlisted students of Cummins College of Engineering for Women, Nagpur.
- 2.5 **Collaborative Research :** Collaboration with mutual consent in the submission of proposal to the Government funding agencies in India for research project & its allied activities.
- 2.6 There is no financial commitment on the part of the **Cummins College of Engineering for Women, Nagpur** , the first party to take up any program mention in MoU. If there is any financial consideration, it will be dealt separately.
- 2.7 Both Parties to obtain all internal approvals, consents, permissions, and licenses of whatsoever nature required.

Page 2 | 3



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CLAUSE 3

VALIDITY

3.1 This MoU takes effect from [09-08-2022] and is valid for a period of three years from the date of signing.

3.2 Thereafter either party may terminate the MoU by giving to the other party 90 days' notice in writing.

CLAUSE 4

RELATIONSHIP BETWEEN THE PARTIES

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

First Party

Dr. Bharatbhushan Joshi
Principal, CCoEW, Nagpur

Second Party

Mr. Kunal Khawashi
Director, EArt Technologies Pvt. Ltd

Kanchar
Witness & Single Point of Contact (SPOC):

1. *Dr. Kanchar Wagh*

Page 3 | 3



Kinind

Dr. Milind Khanapurkar
Principal

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MEMORANDUM OF UNDERSTANDING

BETWEEN

Electus Technologies Pvt. Ltd.

&

**Cummins College of Engineering for
Women, Nagpur**



Kind

Dr. Milind Khanapurkar
Principal

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MEMORANDUM OF UNDERSTANDING (MoU)

BETWEEN

Cummins College of Engineering for Women, Nagpur
AND
Electus Technologies Pvt. Ltd.

This Memorandum of Understanding (hereinafter called as the 'MoU') is entered into on this the
.....**01**.....day of **August**..... Month 2022

BY AND BETWEEN

Cummins College of Engineering for Women, Nagpur, the First Party represented herein by
its Principal Dr. Bharatbhushan Joshi

And

Electus Technologies Pvt. Ltd., Nagpur, The Second party, represented herein by its Director
Mr. Shrikant Bhandarkar & Mr. Niket Malusare.

WHEREAS:

A) First Party is a Higher Educational Institution named: **Cummins College of Engineering for Women, Nagpur (CCoEW, Nagpur)**.

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

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

D) **Electus Technologies Pvt. Ltd., Nagpur**, - the Second Party is engaged in robotics and industrial product development and provides robotics and embedded training.

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

CLAUSE 1

CO-OPERATION

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

Page 2 of 3



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CLAUSE 2 SCOPE OF THE MoU

- 2.1 Industrial Training & Visits:** Industry and Institution interaction will provide an insight into the latest developments / requirements of the industries; the Second Party to permit the Faculty and Students of the First Party to visit its group companies and also involve in Industrial Training Programs for the First Party. This will provide confidence & smooth transition for students work. Also, the Second party may register on the AICTE Internship Portal for the benefit of students.
- 2.2 Guest Lectures:** Second Party to extend the necessary support to deliver guest lecturers to the students of the First Party on the technology trends and in-house requirements.
- 2.3 Placement & Training:** second party will actively engage to help the delivery of the training and placement of the students of the first party on the technology trends and in-house requirements.
- 2.4 Internship:** Second party may allow students to undergo internship based on the availability for the eligible shortlisted students of Cummins College of Engineering for Women, Nagpur
- 2.5 Collaborative Research :** Collaboration with mutual consent in the submission of proposal to the Government funding agencies in India for research project & its allied activities.
- 2.6 Collaborative Production:** In case of collaborative product development the second party can access the lab & workshop facilities of college with mutual consent.
- 2.7** There is no financial commitment on the part of the **Cummins College of Engineering for Women, Nagpur** , the first party to take up any program mention in MoU. If there is any financial consideration, it will be dealt separately.
- 2.8** Both Parties to obtain all internal approvals, consents, permissions, and licenses of whatsoever nature required.

CLAUSE 3 VALIDITY

- 3.1** This MoU takes effect from 01/08/22 and is valid for a period of 05 years from the date of signing. This Agreement will be valid until it is expressly terminated by either Party on mutually agreed terms, during which period, the Second Part with advance written notice of one month.

CLAUSE 4 RELATIONSHIP BETWEEN THE PARTIES

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

First Party

Dr. Bharatbhusan Joshi

Principal

Cummins CoE for Women, Nagpur

Second Party

Mr. Shrikant Bhandarkar

Director

Electus Technologies Pvt. Ltd., Nagpur

Witness & Single Point of Contact (SPOC):

1. Dr. Jitesh Shinde

2. Niket Shankar Mahasane

Page 3 of 3



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Dr. Milind Khanapurkar
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