



Criteria 3

3.2: Innovation Ecosystem

3.2.1: Institution has created an ecosystem for innovations, Indian Knowledge System (IKS), including awareness about IPR, establishment of IPR cell, Incubation centre and other initiatives for the creation and transfer of knowledge/technology and the outcomes of the same are evident

INDEX

S.No.	Innovative Activity	Proof Link
1	Patent Filed/Published	Link of Patent Filed/Published
2	Institution's Innovation Council(IIC) Activity	Link of Institution's Innovation Council(IIC) Activity
3	e-yanta Activity	Link of e-yanta Activity
4	ROBOCON Activity	Link of ROBOCON Activity

S.No	Innovative Activity	Proof Links
1	Institution's Innovation Council(IIC) Activity	https://drive.google.com/file/d/1pZ4qFPiAvtteJqA2xACAT87w80VT1qQG/view?usp=drive_link
2	e-yanta Activity	https://drive.google.com/file/d/1YgqPo7uphpDDgdQPHGX2ZkCqWhA7Mh7F/view?usp=drive_link
3	ROBOCON	https://drive.google.com/file/d/1UtZwCp1rzzf83YHYcYZe5yo-upXb5FoUp/view
4	NPTEL Courses Certification	https://docs.google.com/spreadsheets/d/1hU01azxqKkUAPVv-9jLJuIFKt5w3GoTh/edit?usp=drive_link&oid=112948164981803549180&rtpof=true&sd=true
5	PhD	https://drive.google.com/file/d/1HlnM4pMD5-uMmfVpwMRVmkayWzC8FrSt/view?usp=drive_link





Patent Details

Name of Inventor	Contact Number	Dept.	Title of Invention	Application Number	Date of Filing	Status
Dr. Girish P. Deshmukh	9768100010	MECH	Atomizer	327577-001	26/02/2020	Published
Dr. Girish P. Deshmukh	9768100010	MECH	Quad Bike Differential	328685-001	31/03/2020	Published
Dr. Varsha Y. Bhole	9224685068	IT	System and Method for Identifying Fruit Shell Life	022110895	10/04/2020	Published
Dr. Dipak S. Marathe	9892086571	EXTC.	FAST ELECTRIC BATTERY CHARGER	202221026946 A	10/05/2022	Published
Dr. Jayprabha V. Terdale	7021835472	EXTC	Introduction To Fiber Optics Sensor	L-135126/2023	15/02/2023	In Process



Patent Application No. 327577-001 for AC 2019-20

  **ORIGINAL**
No. 94839


**भारत सरकार
GOVERNMENT OF INDIA
पेटेंट कार्यालय
THE PATENT OFFICE**

CERTIFICATE OF REGISTRATION OF DESIGN

Design No. 327577-001
Date 26/02/2020 22:58:59
Reciprocity Date*
Country

Certified that the design of which a copy is annexed hereto has been registered as of the number and date given above in class 08-05 in respect of the application of such design to ATOMIZER DEVICE in the name of I.DR. GIRISH PURUSHOTTAMRAO DESHMUKH, NOOPUR CHS, F 6/2/2, SECTOR 22, KOPARKHAIRANE, NEAR GURUDWARA, NAVI MUMBAI, MAHARASHTRA - 400709 2. PIYUSH ASHOKRAO DALKE, SAI SHEKHAR COMPLEX, FLAT NO. 203, ANANDWADI NAGAR, KATHORA ROAD, AMRAVATI, MAHARASHTRA, INDIA PIN CODE:444604 3. TANAYA VISHNU ZOPE E-304, GULRAJ TOWER, NEHRU NAGAR, KURLA (E), STATE - MAHARASHTRA CITY - DOMBIVALI PINCODE - 421202 MUMBAI-24 4. PRASAD GIRDHAR ZOPE, B-204 BALAJI PALACE, P.D.CROSS ROAD DOMBIVALU (W) STATE - MAHARASHTRA CITY - DOMBIVALI PINCODE - 421202, ET AL.

in pursuance of and subject to the provisions of the Designs Act, 2000 and the Designs Rules, 2001.


**INTELLECTUAL
PROPERTY INDIA**
Controller General of Patents, Designs and Trade Marks

**TRADE MARKS
GEOGRAPHICAL INDICATIONS**

*The reciprocity date (if any) which has been allowed and the name of the country.
Copyright in the design will subsist for ten years from the date of Registration, and may under the terms of the Act and Rules, be extended for a further period of five years.
This Certificate is not for use in legal proceedings or for obtaining registration abroad

DR. GIRISH PURUSHOTTAMRAO DESHMUKH,
NOOPUR CHS, F 6/2/2, SECTOR 22, KOPARKHAIRANE,
NEAR GURUDWARA, NAVI MUMBAI,
MAHARASHTRA - 400709

Date of Issue 14/01/2021 13:25:01





Patent Application No. 328685-001 for AC 2019-20

  ORIGINAL
No. 92795

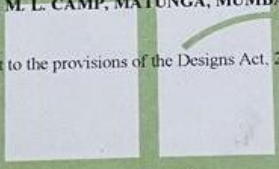
भारत सरकार
GOVERNMENT OF INDIA
पेटेंट कार्यालय
THE PATENT OFFICE

CERTIFICATE OF REGISTRATION OF DESIGN

Design No. 328685-001
Date 31/03/2020 15:41:46
Reciprocity Date*
Country

Certified that the design of which a copy is annexed hereto has been registered as of the number and date given above in class 15-99 in respect of the application of such design to QUAD BIKE DIFFERENTIAL in the name of 1.DR. GIRISH PURUSHOTTAMRAO DESHMUKH, NOOPUR CHS, F 6/2/2, SECTOR 22, KOPARKHAIRANE, NEAR GURUDWARA, NAVI MUMBAI, MAHARASHTRA - 400709 2. OMKAR DEEPAK RAUT, 501/3A DOSTI MMRDA COMPLEX, VARTAK NAGAR, THANE WEST 400601 3. SHREYASH SANJAYKUMAR SAHARE, A- 301 DISHA APPT SEC-8 PLOT NO 59/62 NEW PANVEL (E) 4. HARSHAL RAMESH SONAWANE, 4/12 TATA POWER HOUSING COLONY, NEAR SHALIMAR INDUSTRIAL ESTATE, M. L. CAMP, MATUNGA, MUMBAI - 400019, ET AL.

in pursuance of and subject to the provisions of the Designs Act, 2000 and the Designs Rules, 2001.


INTELLECTUAL
PROPERTY INDIA
Controller General of Patents, Designs and Trade Marks

PATENTS, DESIGNS, TRADE MARKS


*The reciprocity date (if any) which has been allowed and the name of the country.
Copyright in the design will subsist for ten years from the date of Registration, and may under the terms of the Act and Rules, be extended for a further period of five years.
This Certificate is not for use in legal proceedings or for obtaining registration abroad

DR. GIRISH PURUSHOTTAMRAO DESHMUKH,
NOOPUR CHS, F 6/2/2, SECTOR 22,
KOPARKHAIRANE, NEAR GURUDWARA, NAVI
MUMBAI, MAHARASHTRA - 400709


Date of Issue 10/11/2020 12:16:18



Patent Application No. 022110895 for AC 2019-20




**INTELLECTUAL
PROPERTY INDIA**
PATENTS | DESIGNS | TRADE MARKS
GEOGRAPHICAL INDICATIONS



भारत सरकार
GOVERNMENT OF INDIA
पेटेंट कार्यालय
THE PATENT OFFICE
पेटेंट प्रमाणपत्र
PATENT CERTIFICATE
(Rule 74 Of The Patents Rules)

क्रमांक : 022110895
SL No :



पेटेंट सं. / Patent No. : _____


आवेदन सं. / Application No. : _____

फाइल करने की तारीख / Date of Filing : 10/04/2020


पेटेंटी / Patentee : 1.Varsha Yogesh Bhole 2.Prof Arun Kumar

प्रमाणित किया जाता है कि पेटेंटी को उपरोक्त आवेदन में यथाप्रकटित SYSTEM AND METHOD FOR IDENTIFYING FRUIT SHELL LIFE नामक आविष्कार के लिए, पेटेंट अधिनियम, 1970 के उपबंधों के अनुसार आज तारीख 10th day of April 2020 से बीस वर्ष की अवधि के लिए पेटेंट अनुदत्त किया गया है।


It is hereby certified that a patent has been granted to the patentee for an invention entitled SYSTEM AND METHOD FOR IDENTIFYING FRUIT SHELL LIFE as disclosed in the above mentioned application for the term of 20 years from the 10th day of April 2020 in accordance with the provisions of the Patents Act, 1970.



अनुदान की तारीख : 01/12/2020
Date of Grant



Dr. Vijaykumar N. Pawar
B.E., M.E., Ph. D. (Tech.)
Principal
A. C. Patil College of Engineering,
Kharghar, Navi Mumbai-410 210.



पेटेंट नियंत्रक
Controller of Patent

टिप्पणी - इस पेटेंट के नवीकरण के लिए फीस, यदि इसे बनाए रखा जाना है, 10th day of April 2022 को और उसके पश्चात प्रत्येक वर्ष में उसी दिन देय होगी।
Note - The fees for renewal of this patent, if it is to be maintained will fall / has fallen due on 10th day of April 2022 and on the same day in every year thereafter.





Patent Application No. 20221026946 A for AC 2019-20

12) PATENT APPLICATION PUBLICATION

(21) Application No.20221026946 A

19) INDIA

22) Date of filing of Application :10/05/2022

(43) Publication Date : 10/06/2022

54) Title of the invention : FAST ELECTRIC BATTERY CHARGER

(51) International classification :H02J0007000000, H02J0009060000, H02J0007020000, H02M0001100000, H02N0011000000

(86) International Application No :NA

Filing Date :NA

(87) International Publication No : NA

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)Ramprakash Mishra
Address of Applicant :JES, A. C. Patil College of Engineering, Plot No.17, Sec-4, Kharghar, Panvel, Raigad-410210 Panvel

2)Sanket Shewale

3)Pradeep Khade

4)Ashish More

5)Dr. Dipak S. Marathe

6)Ms. Janvi D. Marathe

Name of Applicant : NA

Address of Applicant : NA

(72)Name of Inventor :

1)Ramprakash Mishra
Address of Applicant :JES, A. C. Patil College of Engineering, Plot No.17, Sec-4, Kharghar, Panvel, Raigad-410210 Panvel

2)Sanket Shewale

Address of Applicant :JES, A. C. Patil College of Engineering, Plot No.17, Sec-4, Kharghar, Panvel, Raigad-410210 Panvel

3)Pradeep Khade

Address of Applicant :JES, A. C. Patil College of Engineering, Plot No.17, Sec-4, Kharghar, Panvel, Raigad-410210 Panvel

4)Ashish More

Address of Applicant :JES, A. C. Patil College of Engineering, Plot No.17, Sec-4, Kharghar, Panvel, Raigad-410210 Panvel

5)Dr. Dipak S. Marathe

Address of Applicant :JES, A. C. Patil College of Engineering, Plot No.17, Sec-4, Kharghar, Panvel, Raigad-410210 Panvel

6)Ms. Janvi D. Marathe

Address of Applicant :JES, A. C. Patil College of Engineering, Plot No.17, Sec-4, Kharghar, Panvel, Raigad-410210 Panvel

(57) Abstract :

ABSTRACT Fast Electric Battery Charger [500] Our Invention Fast Electric Battery Charger is an electric battery charger can charge a battery faster compared to a charger available in the market. The charging time depends on the ampere-hour (Ah) of the battery. Nowadays, the main energy sources are different types of batteries due to the lack of centralized power grids available in developing countries. Today most devices have a backup and the primary power source is the battery. For complete utilization, a charger circuit must charge the battery to full capacity. It protects from overcharging of the batteries and extends their life. This charging circuit with modified transformer winding and wire gauge allows you to charge multiple batteries at once without damaging the battery. The six batteries of 12 V can be charged in a series connection in less than 4 hours by saving a 50 % charging time compared to the existing battery charger. The voltage range is 12 V to 72 V and the current 1 A to 10 A of a charger.

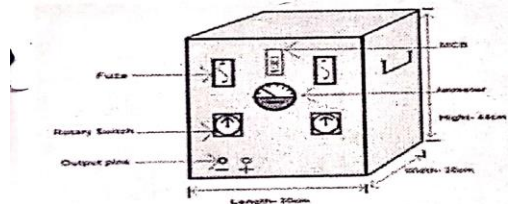


Fig. 1. Battery charger model.

No. of Pages : 12 No. of Claims : 6

The Patent Office Journal No. 23/2022 Dated 10/06/2022




35158

Dr. Vijaykumar N. Pawar
B.E., M.E., Ph.D. (Tech.)
Principal
A. C. Patil College of Engineering,
Kharghar, Navi Mumbai-410210






Patent Application No. L-135126/2023 for AC 2022-23

 INTELLECTUAL PROPERTY INDIA <small>REGISTRATION OF PATENTS, TRADE MARKS, GEOGRAPHICAL INDICATIONS</small>	 Copyright Office, Government Of India	Extracts from the Register of Copyrights	
प्रतिलिप्यधिकार कार्यालय, भारत सरकार Copyright Office, Government Of India दिनांक/Dated: 27/10/2023			
1. पंजीकरण संख्या/Registration Number	L-135126/2023		
2. आवेदक का नाम, पता तथा राष्ट्रियता Name, address and nationality of the applicant	DR. JAYPRABHA VISHAL TERDALE, JAWAHAR EDUCATION SOCIETY'S A C PATIL COLLEGE OF ENGINEERING, PLOT NO. 17, SION-PANVEL EXPRESSWAY, OPP. KHARGHAR RAILWAY STATION, SECTOR 4, KHARGHAR, NAVI MUMBAI-410219 INDIAN		
3. कृति के प्रतिलिप्यधिकार में आवेदक के हित की प्रकृति 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		
5. कृति का शीर्षक Title of the work	INTRODUCTION TO FIBER OPTICS SENSOR		
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	DR. JAYPRABHA VISHAL TERDALE, JAWAHAR EDUCATION SOCIETY'S A C PATIL COLLEGE OF ENGINEERING, PLOT NO. 17, SION-PANVEL EXPRESSWAY, OPP. KHARGHAR RAILWAY STATION, SECTOR 4, KHARGHAR, NAVI MUMBAI-410210 INDIAN		
8. कृति प्रकाशित है या अप्रकाशित Whether the work is published or unpublished	UNPUBLISHED		
9. प्रथम 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 हों, और प्रकाशकों के नाम, पते और राष्ट्रियताएँ Years and countries of subsequent publications, if any, and names, addresses and nationalities of the publishers	N.A.		
11. कृति में प्रतिलिप्यधिकार सहित विभिन्न अधिकारों के रचावियों के नाम, पते और राष्ट्रियताएँ और समनुदेशन और अनुव्यवस्थाओं के विवरण के साथ प्रत्येक के अधिकार का विस्तार, यदि कोई हों। 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	DR. JAYPRABHA VISHAL TERDALE, JAWAHAR EDUCATION SOCIETY'S A C PATIL COLLEGE OF ENGINEERING, PLOT NO. 17, SION-PANVEL EXPRESSWAY, OPP. KHARGHAR RAILWAY STATION, SECTOR 4, KHARGHAR, NAVI MUMBAI-410210 INDIAN		
12. अन्य व्यक्तियों के नाम, पते और राष्ट्रियताएँ, यदि कोई हों, जो प्रतिलिप्यधिकार वाले अधिकारों को समनुदेशित करने या अनुव्यवस्था देने के लिए अधिकृत हों। Names, addresses and nationalities of other persons, if any, authorised to assign or licence 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 सहित मूल कृति का स्थान। (एक वास्तुशिल्प कृति के मामले में कृति पूरी होने का वर्ष भी दिखाया जाना चाहिए।) 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. यदि कृति एक 'कलात्मक कृति' है जो किसी भी माल या सेवाओं के संबंध में उपयोग की जाती है या उपयोग किए जाने में सक्षम है, तो आवेदन में प्रतिलिप्यधिकार अधिनियम, 1957 की धारा 45 की उप-धारा (i) के प्रावधान के अनुसार व्यापार चिह्न रजिस्ट्रार से प्रमाणित शामिल होना चाहिए। 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 (i) of Section 45 of the Copyright Act, 1957.	N.A.		
15. यदि कृति एक 'कलात्मक कृति' है, तो क्या यह डिजाइन अधिनियम 2000 के अंतर्गत पंजीकृत है? यदि हाँ, तो विवरण दें। If the work is an 'Artistic work', 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 तहत एक डिजाइन के रूप में पंजीकृत होने में सक्षम है, तो क्या यह औद्योगिक प्रक्रिया के माध्यम से किसी वस्तु पर प्रयुक्त की गई है और यदि हाँ, तो इसे किसकी दार पुनरुत्पादित किया गया है? 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. टिप्पणी, यदि कोई हो/Remarks, if any			
डायारी संख्या/Diary Number:	3994/2023-CO/L		
आवेदन की तिथि/Date of Application:	15/02/2023		
प्राप्ति की तिथि/Date of Receipt:	15/02/2023		

Dr. Vijaykumar N. Pawar
B.E., M.E., Ph. D. (Tech.)
Principal
A. C. Patil College of Engineering,
Kharghar, Navi Mumbai-410 210.

(Signature)
Registrar of Copyrights





ACPatil

College of Engineering

Approved by AICTE New Delhi, DTE Government of Maharashtra & Affiliated to the University of Mumbai

A C Patil College of Engineering

Accredited by NAAC

Institution's Innovation Council (IIC)-2018-19





ACPatil

College of Engineering

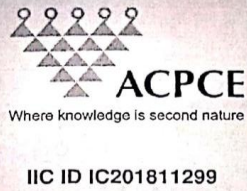
Approved by AICTE New Delhi, DTE Government of Maharashtra & Affiliated to the University of Mumbai

A C Patil College of Engineering

Accredited by NAAC

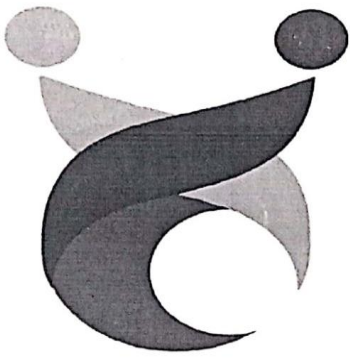
Institution's Innovation Council (IIC)-2022-23

IIC ID IC201811299




2022 2023

Institute Innovation Council 5.0




**INSTITUTION'S
INNOVATION
COUNCIL**
(Ministry of Education Initiative)



Jawahar Education Society's
A. C. Patil College of Engineering
Kharghar, Navi Mumbai 410210.

Dr. Vijaykumar N. Pawar
B.E., M.E., Ph. D. (Tech.)
Principal
A. C. Patil College of Engineering,
Kharghar, Navi Mumbai-410 210.



Plot 17, Sector 4, Kharghar
Navi Mumbai 410210

principal@acpce.ac.in
Tel +91 22 2774 5722


Dr. Vijaykumar N. Pawar
B.E., M.E., Ph. D. (Tech.)
Principal
A. C. Patil College of Engineering,
Kharghar, Navi Mumbai-410 210.

www.acpce.org



Jawahar Education Society's
A.C. Patil College of Engineering

Institute Innovation Council (IIC) Annual Report IIC 5.0



A. About IIC Institution

Jawahar Education Society's A. C. Patil College of Engineering (ACPCE), established in 1992, is a leading institution spanning 3 acres in Kharghar, Navi Mumbai. ACPCE offers diverse graduate, post-graduate, and Ph.D. programs in Engineering and Management, accredited by AICTE and affiliated with the University of Mumbai. We've earned NAAC accreditation and the 'Best Engineering College' Educational ICON award for our industry engagement.

Disciplines offered include Electrical Engineering, Electronics & Telecommunication Engineering, Computer Engineering, Information Technology, Mechanical Engineering, Artificial Intelligence & Data Science, Computer Science & Engineering (IoT and Cybersecurity, including Blockchain), Master of Management Studies, and Ph.D. Our mission is to mold adaptable technical professionals, providing top-tier education, research opportunities, industry exposure, and state-of-the-art facilities in a serene campus environment.

Dr. Vijaykumar N. Pawar
B.E., M.E., Ph.D. (Tech.)
Principal
A. C. Patil College of Engineering,
Kharghar, Navi Mumbai-410 210





Vision (ACPCCE IIC)

"Empowering tomorrow's innovators, ACPCCE Innovation Cell envisions a vibrant ecosystem where students, faculty, and multidisciplinary teams collaboratively conceive, develop, and transform ideas into impactful solutions that serve society and foster individual growth. We aspire to be a catalyst for innovation, encouraging students to create a lasting impact on the world through their entrepreneurial journey."

Mission

- Our mission at ACPCCE Innovation Cell is to cultivate an innovation-driven culture among students. We are dedicated to:
- Encouraging, inspiring, and nurturing students, fostering their innovative mindset.
- Providing a platform for students and faculty from diverse backgrounds to collaborate and work on innovative projects.
- Transforming ideas into realistic projects through multidisciplinary approaches.
- Organizing seminars, workshops, and facilitating interactions with innovators and entrepreneurs.
- Building a supportive network for incubation and growth.
- Motivating and guiding students on their journey from ideation to entrepreneurship.
- Encouraging active participation in various idea, project, and challenge competitions.
- Showcasing faculty and student ideas and prototypes that contribute to positive change."

Through these endeavors, we aim to prepare our students for the dynamic challenges of the real world and inspire them to become successful innovators and entrepreneurs.

While the Institute officially registered with IIC in 2018, our true journey with IIC 5.0 began in 2022 after overcoming the challenges posed by the pandemic. This marks the first collective experience for our entire IIC team, and it has been an enriching one. The Ministry of Education's IIC guidelines have been instrumental in guiding both our dedicated faculty and aspiring students from ideation to successful entrepreneurship.

We have diligently organized numerous events in alignment with the IIC 5.0 guidelines, with a thoughtful decision to spread them across the academic calendar, considering the busy months of May, June, and July due to university examinations. This approach allowed our students to fully engage and benefit from the events conducted during both Semester I and Semester II.

The wealth of knowledge and experience gained from these events has undoubtedly enriched our students, setting the stage for even greater achievements in the future. As we look forward to IIC 6.0, we are confident that our performance will soar to new heights, building upon the lessons learned and experiences gained during our IIC 5.0 journey.

In our institute's IIC, we take pride in promoting diversity through a broad representation that encompasses various engineering streams, industry affiliations, interdisciplinary partnerships, and participation from different departments and units. This inclusive approach ensures a comprehensive and multifaceted perspective in our innovation and entrepreneurship initiatives.

Dr. Vijay Kumar N. Pawar
B.E., M.E., Ph. D. (Tech.)
Principal
A. C. Patil College of Engineering,
Kharghar, Navi Mumbai-410 210.





C. Portfolio/graphical/Tabular representation of Resource strength (Human Capital And Physical Capital) of the IIC Institution:

➤ Total No. of IIC Members	50
➤ Total No. of IAs	02
➤ Total No. of faculty Mentors From Portal	-
➤ Pre-Incubation Units, If any	1
➤ Incubation Units, If any	-

D. Highlight Facilities, Infrastructure of Pre-Incubation & Incubation kind and Student bodies/clubs engaged in promotion of Innovation and Entrepreneurship in the campus.

Each department within our institution has established its own technical and professional organizations, such as **CSI** (Computer Engineering, Information Technology, Artificial Intelligence & Data Science, Computer Science & Engineering), **IETE** in Electronics & Telecommunication Engineering, and **ISHARE** in Mechanical Engineering. These bodies collaborate with our Institute Innovation Council (IIC) to organize a variety of technical, innovation, and entrepreneurship skill-based programs.

In addition to these organizations, we have a dedicated **ROBOCON** team that actively participates in national-level Robocon competitions. Our students are also encouraged to engage in innovation and research-oriented competitions like **Avishkar**, **CIIA**, **KAVACH**, **Hackathon** and **Yukti**.

To foster a culture of innovation and technical prowess, our college hosts the annual technical festival 'Vector,' where students can showcase their innovative and technical skills.

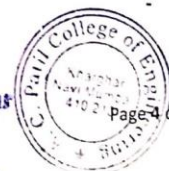
Furthermore, we have established a Pre-Incubation Center that facilitates multidisciplinary discussions and guidance for students. Additionally, we provide a dedicated hall for robotics challenges, enabling students to work on projects beyond regular college hours..

E. Achievements

➤ Number and Different types of I&E and IPR activities Conducted	40
➤ No. of student's & faculty ideas generated	8
➤ No. of student's & faculty Innovation/prototypes developed	4
➤ No. of IPs generated, published and granted	11
➤ No. of Student & Faculty Start-ups/Ventures established.	6
➤ Amount spent on promotion and awareness generation on Innovation Entrepreneurship in the campus	150000/-
➤ Amount grant or fund supported to student & Faculty lead Innovations, start-ups and IPR	30000/-
➤ No. of Technology Transfer and Commercialisation happened	-

ACPCE Institute Innovation Council 5.0 Annual Report/Nitin

Dr. Vijaykumar N. Pawar
Principal
A. C. Patil College of Engineering,
Kharghar, Navi Mumbai-410 210.



Page 4 of 70





AC Patil

College of Engineering

A C Patil College of Engineering

Accredited by NAAC

Approved by AICTE New Delhi, DTE Government of Maharashtra & Affiliated to the University of Mumbai



MoE's
INNOVATION CELL
(GOVERNMENT OF INDIA)



INSTITUTION'S
INNOVATION
COUNCIL
Member of National Council

Letter of Appreciation

Dear Sir/Madam,

Please accept our sincere gratitude to all the chief functionaries and every members of the IIC Institution's Innovation Council (IIC) of Jawahar Education Societys A.C.Patil College of Engineering for the continuous support and contribution towards building the innovation and entrepreneurship culture development in your campus and also extending support to help other IIC institutions towards growth of the IIC network during the academic year 2022-23.

Chief Functionaries of the IIC at Jawahar Education Societys A.C.Patil College of Engineering ,
NAVI MUMBAI

Name	Position
Nitin P. Chawande	President
Dr Sachin K Kamble	NISP Co-ordinator
Prof. Nitin P Chawande	Innovation Activity, Member
Dr. Ulka Shirole	Convener
Prof. Dipti Patil	Start up Activity Coordinator
Dr. Varsha Yogesh Bhole	IPR Activity Coordinator
Prof P. N. Ghate	Internship Activity Coordinator
Prof. Shaila Pravin Pawar	Social Media
Jayashri Jadhav	ARIIA Coordinator
Mrs Sandhya A wate	NIRF Coordinator

As we are progressing towards a 'quality' driven I&E ecosystem development, we strongly believe that the IIC model and its unique structure is definitely putting your HEI's thoughts, actions and aspirations in a systematic way to achieve inclusive and holistic development of the ecosystem.

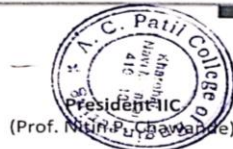
Thanks & regards.

Yours Sincerely,

Dipan Kumar Sahu

Dipan Sahu

Convener IIC
(Dr. U. M. Shirole)



Dr. Vijay Kumar N. Pawar
B.E., M.E., Ph.D. (Tech)
Principal
A.C. Patil College of Engineering
Kharghar, Navi Mumbai-410 210

Plot 17, Sector 4, Kharghar
Navi Mumbai 410210

principal@acpce.ac.in
Tel +91 22 2774 5722



Dr. Vijay Kumar N. Pawar
B.E., M.E., Ph.D. (Tech)
Principal
A.C. Patil College of Engineering
Kharghar, Navi Mumbai-410 210

www.acpce.org



ACPatil

College of Engineering

Approved by AICTE New Delhi, DTE Government of Maharashtra & Affiliated to the University of Mumbai


A C Patil College of Engineering

Accredited by NAAC




Report of Event Conducted

Event Name:	Seminar on "Mindset Technology"
Speaker:	Dr.DineshGupta (Limca Book of Records, Aanandshree,Gold Medalist Mechanical Engineer)
Registration:	165 offline
No of Attendee	165 offline
Date:	8th September 2022
Duration	2 Hours
Outcome	Students were motivated & directed to think with technological aspect to mold as technical mindset and they also learned Presentation Skill
Glimpses:	




ACPCE
Where Knowledge is sacred nature
(Accredited by NAAC)

JAWAHAR EDUCATION SOCIETY'S
A. C. PATIL COLLEGE OF ENGINEERING
PLOT NO-17, SEC-4, KHARGHAR, NAVI MUMBAI - 410210
Approved by AICTE, New Delhi, Affiliated to University of Mumbai



INSTITUTION'S
INNOVATION
COUNCIL
(Ministry of HRD Initiative)

PRESENTS




DR. Dinesh Gupta
Mindset Coach, Spiritual
Corporate Trainer, TED
CIRCLES SPEAKER, LIMCA
BOOK OF RECORD HOLDER


TECHNOLOGY MINDSET

WORKSHOP

ORGANIZED BY IT AND CSE DEPARTMENT
UNDER CSI STUDENT ASSOCIATION


DATE: 8 SEP 2022
TIME: 11:30 AM - 1:00 PM
VENUE: AUDITORIUM ROOM 125





COMPUTER SOCIETY OF INDIA
ESTD. 1985


Convener IIC
(Dr. U. M. Shirole)


President IIC
(Prof. Nitin P. Chawande)


Dr. Vijaykumar N. Pawar
B.E., M.E., Ph. D. (Tech.)
Principal
A. C. Patil College of Engineering,
Kharghar, Navi Mumbai - 410 210.

Plot 17, Sector 4, Kharghar
Navi Mumbai 410210

principal@acpce.ac.in
Tel +91 22 2774 5722



Dr. Vijaykumar N. Pawar
B.E., M.E., Ph. D. (Tech.)
Principal
A. C. Patil College of Engineering,
Kharghar, Navi Mumbai-410 210.

www.acpce.org



Report of Event Conducted

Event Name: "Entrepreneurship: A key to India's Trillion Dollar Economic Plan"

Speaker: Prof. Ameya J. More Innovation Ambassador Amity School of Engineering & Technology, Amity University, Mumbai.

No of Attendees 34

Date: 29th September 2022

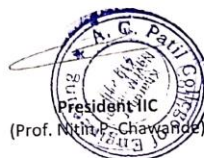
Duration 1 Hours

Outcome Students became aware of the first step to start up and the India's roadmap toward economic progress through entrepreneurship development.

Glimpses:

A C Patil College of Engineering
Department of Humanities and Basic Sciences
PRESENTS
Webinar on "Entrepreneurship"
A Key to India's 5 Trillion Dollar Economic Plan
An interactive session, to discuss the fundamental requirements of a startup & how to take that first step.
SEPTEMBER 29TH, 2022
3:00 PM - 4:00 PM
Joining Link : meet.google.com/zza-cjaq-jan
Registration Link : <https://forms.gle/F4AG43npYgEYkVa0>
Joining Link QR Registration Link QR
SPEAKER - Prof. Ameya J. More
Innovation Ambassador
Amity School of Engineering & Technology,
Amity University Mumbai

Convener IIC
(Dr. U. M. Shirole)



Dr. Vijaykumar N. Pawar
B.E., M.E., Ph. D. (Tech.)
Principal
A. C. Patil College of Engineering,
Kharghar, Navi Mumbai-410 210.
(Dr. V. N. Pawar)



e-Yantra Activity

"e-Yantra Laboratory Setup Initiative (eLSI) by IIT Bombay and sponsored by Ministry of Human Resource Development (MHRD) through the National Mission on Education through ICT (NMEICT) programme"



e-Yantra is a project sponsored by Ministry of Human Resource Development (MHRD) through the National Mission on Education through ICT (NMEICT) programme. The e-Yantra Laboratory Setup Initiative (eLSI) of IIT Bombay enables colleges to set up robotics laboratory.

The e-Yantra: Robotics Laboratory is inaugurated at A.C. Patil College of Engineering on 3rd May 2018 at 3:00 P.M. Dr. D. G. Borse, Principal, lit the ceremonial lamp and D.S. Marathe, A.

Dr. Vijaykumar N. Pawar
B.E., M.E., Ph. D. (Tech.)

Principal

A. C. Patil College of Engineering,
Kharghar, Navi Mumbai-410 210.





ACPatil

College of Engineering

A C Patil College of Engineering

Accredited by NAAC

Approved by AICTE New Delhi, DTE Government of Maharashtra & Affiliated to the University of Mumbai

Jawahar Education Society's
A. C. Patil College of Engineering, Kharghar, Navi Mumbai

ACPCE
From Knowledge to secure future

Date: 01/08/2018

To,
The Principal,
A.C. Patil COE,
Kharghar.

Subject: - Permission to announce e-YANTRA Robotics Competition (eYRC-2018).

Respected Sir,

With reference to aforesaid subject I would like to bring your notice that IIT, Mumbai is organizing e-YANTRA Robotics Competition (eYRC-2018) open to all. I am requesting you to give permission to make an announcement in each class of all the departments.

I kindly request you to do the needful.

Yours Faithfully,

D.S. Marathe
e-YANTRA Convener

ok

13

cc:
To all HOD's

contact person
1. D.S. Marathe 9892086571
[R.No. 206]
2. Pratik Bagade 9421430219
[R.No. 426]
Dr. Vijaykumar N. Pawar
B.E., M.E., Ph.D. (Tech.)
Principal
A. C. Patil College of Engineering
Kharghar, Navi Mumbai-410 210





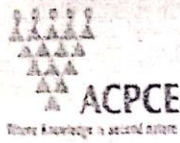
ACPatil

College of Engineering

Approved by AICTE New Delhi, DTE Government of Maharashtra & Affiliated to the University of Mumbai

A C Patil College of Engineering

Accredited by NAAC



Jawahar Education Society's
A. C. Patil College of Engineering, Kharghar, Navi Mumbai

Date: 01/08/2018

To,
The Principal,
A.C.Patil COE,
Kharghar.

Subject: - Permission to announce e-YANTRA Ideas Competition (eYIC-2018).

Respected Sir,

With reference to aforesaid subject I would like to bring your notice that IIT, Mumbai is organizing e-YANTRA Ideas Competition (eYIC-2018) for B.E. final year students only. I am requesting you to give permission to make an announcement in each class of all the departments.

I kindly request you to do the needful.

Yours Faithfully,

D.S. Marathe
e-YANTRA Convener

OK

Contact person

1. D.S. Marathe 9892086571
(R.No. 206)

2. Pratik Bagade 9421430219
(R.No. 426)

e-Yantra Lab

CC:
To all HOD's



Dr. Vijaykumar N. Pawar
B.E., M.E., Ph.D. (Tech)
Principal
A.C. Patil College of Engineering,
Kharghar, Navi Mumbai-410 210.





C. Patil College of Engineering released the signage. The e-Yantra Robotics Laboratory signage was received by Dr. D.G. Borse, Principal. The Principal distributed the e-Yantra Task Based Training (TBT) 2018 Award certificates and two free robotic kits to Mr. D. S. Marathe, Associate Prof.-E&TC, Mr. Pratik Bagade, Assistant Professor- E&TC, Mr. Hemant Mahajan, Assistant Professor- E&TC, and Mr. Atul Kale, Assistant Professor- ELECT. Principal thanked the e-Yantra Support Team of IIT-Bombay for their continuous support. Prof. D. S. Marathe thanked all the dignitaries and e-Yantra technical team for their support. Prof. Dr. Kavi Arya, e-Yantra Principal Investigator, IIT-Bombay and Dr. Krishna Lala, Senior Project Manager appreciated the efforts taken by faculty team of ACPCE. The heads of departments, faculty members and students of ACPCE were present during the inauguration.

Mumbai

College Name

Location: E-1, Kharghar, A.C. Patil College of Engineering

Working Hours: 9 AM to 5 PM



Dr. Vijaykumar N. Pawar
B.E., M.E., Ph. D. (Tech.)
Principal
A. C. Patil College of Engineering,
Kharghar, Navi Mumbai-410 210.



ROBOCON Activity



Website: www.ddrobocon.in



E-mail: info@ddrobocon.in

Letter of Contribution

To whomsoever it may concern, this is to certify that the students of A.C. Patil College of Engineering, Kharghar, Navi Mumbai mentioned hereunder have contributed to the participation of their institute in DD Robocon 2022 held on 16th & 17th July 2022 and organized by the Indian Institute of Technology Delhi in collaboration with Prasar Bharati.

1. Samadhan Santosh Khamkar (Team Leader)
2. Prathamesh Mukund Bapat
3. Abhishek Dilip More
4. Rugved Vijay Kandalkar
5. Tejas Anand Godse
6. Mihir Mahendra Komnark
7. Ashish Ramsajvan Sharma
8. Samiksha Diwakar Mestri
9. Tejas Ramchandra Masurkar
10. Pratiksha Ashok Dube
11. Pranav Balu Sakhal
12. Yendluri Dinesh Venkatesurlu
13. Vikrant Manoj Gaikar
14. Aayush Dinesh Yadav

END OF LIST

S. K. Saha

Prof. S. K. Saha
Organizer, IIT Delhi
saha@mech.iitd.ac.in

Sunil Jha

Prof. Sunil Jha
Co-Organizer, IIT Delhi
suniljha@mech.iitd.ac.in

K. Rama Krishna

Prof. K. Rama Krishna
Co-Organizer, IIT Delhi
rrk@mech.iitd.ac.in



Dr. Vijaykumar N. Pawar
B.E., M.E., Ph. D. (Tech.)
Principal
A. C. Patil College of Engineering,
Kharghar, Navi Mumbai-410 210.

Scanned with OKEN Scanner





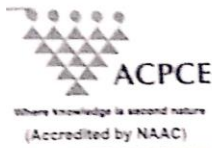
AC Patil

College of Engineering

A C Patil College of Engineering

Accredited by NAAC

Approved by AICTE New Delhi, DTE Government of Maharashtra & Affiliated to the University of Mumbai



Annasaheb Chudaman Patil College of Engineering

Approved by AICTE New Delhi, DTE Government of Maharashtra & Affiliated to the University of Mumbai

Date : 22/05/2023

Ref.: ACPCE/ S2/ 5346 /2023-2024.

To WHOMSOEVER IT CONCERN
DD Robocon 2023

Permission letter for team participation

A.C. Patil College of Engineering, Kharghar, Navi Mumbai authorizes the participation of Team ACPCE ROBOCON for **DD-Robocon 2023** to be held on **June 17-18, 2023** in Thyagaraj Stadium, New Delhi. The team consists of 20 the following members:

Sr no.	Mr./Ms.	Name	Discipline
1.	Mr	Pranav Balu Sakhala	Computer Engineering
2.	Ms	Krutika Raju Monde	Computer Engineering
3.	Mr	Prajwal Sankpal	Computer Engineering
4.	Mr	Vikrant Manoj Gaikar	Computer Engineering
5.	Mr	Ashish Ramsajivan Sharma	Mechanical
6.	Mr	Shubham Balasaheb Vaidya	Mechanical
7.	Mr	Shreyas Sudhakar Tambe	Mechanical
8.	Mr	Sundaram Arvind Tiwari	Mechanical
9.	Mr	Rugved Vijay Kandalkar	Mechanical
10.	Mr	Vishal Nana Baviskar	Mechanical
11.	Mr	Rishikesh Gajanan Sable	Mechanical
12.	Mr	Siddharth Vaibhav Khaire	Mechanical



Dr. Vijay Kumar N. Pawar
B.E., M.E., Ph. D. (Tech.)
Principal

A. C. Patil College of Engineering,
Kharghar, Navi Mumbai - 410 210.

Plot No. 17, Sector - 4, Opposite Kharghar Railway Station, Kharghar, Navi Mumbai - 410 210.
Website: www.acpce.org, Email : principal@acpce.ac.in, Tel. : +91 22 2774 5722/32, 2774 7521/22/23/24

Plot 17, Sector 4, Kharghar
Navi Mumbai 410210

principal@acpce.ac.in
Tel +91 22 2774 5722



Dr. Vijay Kumar N. Pawar
B.E., M.E., Ph. D. (Tech.)
Principal
A. C. Patil College of Engineering,
Kharghar, Navi Mumbai-410 210.

www.acpce.org



AC Patil

College of Engineering

A C Patil College of Engineering

Accredited by NAAC

Approved by AICTE New Delhi, DTE Government of Maharashtra & Affiliated to the University of Mumbai



CERTIFICATE

This is to certify that

A.C. Patil College of Engineering Kharghar, Navi Mumbai

participated in

DD-ROBOCON 2022 competition organized by Indian Institute of Technology Delhi
in collaboration with Prasar Bharati during July 16-17, 2022.

S. K. Saha

Prof. S. K. Saha
Organizer, IIT Delhi

Sunil Jha

Prof. Sunil Jha
Co-Organizer, IIT Delhi

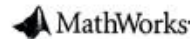
K. Rama Krishna

Prof. K. Rama Krishna
Co-Organizer, IIT Delhi

PLATINUM SPONSORS

GOLD SPONSOR

KNOWLEDGE PARTNERS



Dr. Vijaykumar N. Pawar
B.E., M.E., Ph.D. (Tech.)
Principal
A.C. Patil College of Engineering
Kharghar, Navi Mumbai-410 210

Plot 17, Sector 4, Kharghar
Navi Mumbai 410210

principal@acpce.ac.in
Tel +91 22 2774 5722



Dr. Vijaykumar N. Pawar
B.E., M.E., Ph.D. (Tech.)
Principal
A.C. Patil College of Engineering
Kharghar, Navi Mumbai-410 210

www.acpce.org