Best Practice 1: Innovation and Creativity

The Institution is recognized in the band "Promising Institutes" in ARIIA 2021

ERTS Lab
Department of Computer Science and Engineering
Indian Institute of Technology Bombay,
Powai, Mumbai–400 076.

Certificate of Merit

This is to certify that *Shreyas Lolge*, a student from *Progressive Education Society's Modern College of Engineering* has participated in the e-Yantra Innovation Challenge (eYIC 2021-22) held on 31st March - 1st April, 2022 and was awarded *Best Prototype* category for their project titled *"Solar powered autonomous weeding Robot"*.

He/She is a member of the team having the following team members,

1. *Aditya Khotte*
2. *Tanvi Junghare*
3. *Shreyas Lolge*
4. *Yash Otari*

Mentored By: *Prof. Prajakta Kanitkar*

Prof. Kavi Arya
Principal Investigator, e-Yantra
Professor
Department of Computer Science and Engineering
Indian Institute of Technology Bombay

e-Yantra is a project sponsored by MHRD, Government of India, under the National Mission on Education through ICT (NMEICT).

Certificate of Best Prototype Award for the project titled "Solar powered autonomous weeding Robot(Kaastkar)" at e-Yantra Innovation Challenge (eYIC 2021-22) organized by IIT Bombay

Best Prototype Award for the project titled "Solar powered autonomous weeding Robot(Kaastkar)" at e-Yantra Innovation Challenge (eYIC 2021-22) organized by IIT Bombay

Team "**BINARIE**" from PES MCOE declared winner of SIH 2022 in Software Category

Students received certificates in 'Aavishkar 2022' research festival organized by Savitribai Phule Pune University for their innovative projects

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 **P.E.S. Modern College of Engineering, Pune** 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. Prathamesh Patil (Team Leader)
2. Tanishq Shelke
3. Atharva Raje
4. Aditya Pawar
5. Avinash More
6. Vedant Puri
7. Pranav Deshpande
8. Vedant Kulkarni
9. Yuvraj Patil
10. Komal Gaikwad
11. Vaishnavi Karanjkar
12. Shantanu Kulkarni
13. Sakshi Jogawade
14. Rushi Shivagale
15. Aditya Khode
16. Yash Otari
17. Anirudh Kshatriya
18. Akshay Patil
19. Dr. Mrs. V.P. Kodgirwar (Instructor)

END OF LIST
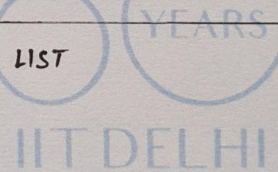
Prof. S. K. Saha Organizer, IIT Delhi saha@mech.iitd.ac.in	**Prof. Sunil Jha** Co-Organizer, IIT Delhi suniljha@mech.iitd.ac.in	**Prof. K. Rama Krishna** Co-Organizer, IIT Delhi rrk@mech.iitd.ac.in

Team 'Vulcans' of PES MCOE got shortlisted for the final stage of 'DD Robocon 2022' organized at IIT Delhi

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/12/2021

(21) Application No.202121060346 A

(43) Publication Date : 04/02/2022

(54) Title of the invention : MULTI MODEL DEVICES FOR LOGISTICS AND SUPPLY CHAIN MANAGEMENT

(51) International classification :G06Q0010080000, G06Q0010060000, G06Q0010000000, G06K0017000000, G06Q0050220000	(71)Name of Applicant :
	1)Dr. Satish Shrawanrao Ubale
	   Address of Applicant :Professor & Director, Matrix School of Management Studies, Besides Sinhgad Science College, Vadgaon (Bk) , Pune , Maharashtra, India 411041 ---------- -----------
	   2)Dr. A.Pankajam
	   3)Shoaib Shafi Sayyed
	   4)Dr. Deepali Satish Ubale
	   5)Dr. Shilpa Rajesh Kulkarni
	   6)Dr. Arpan Shrivastava
	   7)Dr. AR.Saranakumar
	Name of Applicant : NA
	Address of Applicant : NA
	(72)Name of Inventor :
	1)Dr. Satish Shrawanrao Ubale
	Address of Applicant :Professor & Director, Matrix School of Management Studies, Besides Sinhgad Science College, Vadgaon (Bk) , Pune , Maharashtra, India 411041 ---------- ----------
	   2)Dr. A.Pankajam
	Address of Applicant :Associate Professor, Department of Business Administration, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore-43, Tamilnadu, India ---------- ----------
	   3)Shoaib Shafi Sayyed
	Address of Applicant :Assistant Professor, Poona Institute of Management Sciences and Entrepreneurship, Camp, Pune , Maharashtra, India 411001 ---------- -----------
	   4)Dr. Deepali Satish Ubale
	Address of Applicant :Associate Professor, PES's Modern College of Engineering (MBA Department) Shivajinagar, Pune , Maharashtra, India 411005 ---------- -----------
	   5)Dr. Shilpa Rajesh Kulkarni
	Address of Applicant :Founder Secretary, Matrix Educational Foundation's, Matrix School of Management Studies, Besides Sinhgad Science College, Vadgaon (Bk) , Pune , Maharashtra, India 411041 ---------- -----------
	   6)Dr. Arpan Shrivastava
	Address of Applicant :Assistant professor, Prestige Institute of Management and Research, Indore-452010, M.P., India ---------- ----------
	   7)Dr. AR.Saranakumar
	Address of Applicant :Assistant Professor (Stage-3), Department of Education, DDE & Head Incharge, Department of History, Alagappa University, Karaikudi, Tamil Nadu, India ---------- -----------

(86) International Application No Filing Date	
(87) International Publication No	
(61) Patent of Addition to Application Number Filing Date	
(62) Divisional to Application Number Filing Date	

(57) Abstract :

ABSTRACT MULTI MODEL DEVICES FOR LOGISTICS AND SUPPLY CHAIN MANAGEMENT An multi model devices for logistics and supply chain management apparatus for efficient tracking and tracing of material flows including effective handling processes is an significant approach to improving cost-efficiency throughout the supply chain, but it has also safety and security aspects. Both safety and security issues are increasingly important in the global business environment and in world trade. A logistics centre accounts for the final packaging, labelling, mass-customization and customer configuration of the ordered commodities prior subjecting them to the supply chain. RFID or UHF RFID is an AutoID technology that is tagged for tracking and tracing commodities throughout supply chains as the RFID tags enable item, pallet or container level tracking. AutoID services is either areal specific services or company-specific services. The multi-model devices employing AutoID promote multimodal supply chains by making them a more effective, secure and more appealing with transportation arrangement. (Figure 1 is the reference figure)
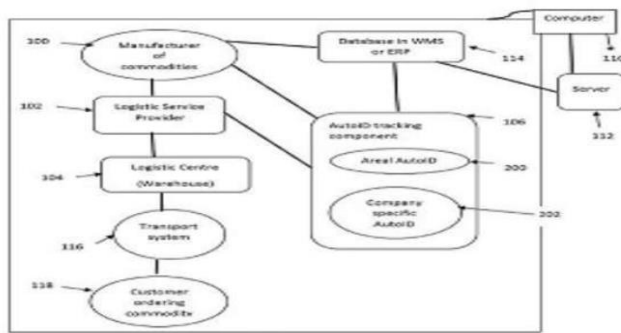
FIG. 1

No. of Pages : 20 No. of Claims : 8

Bundesrepublik Deutschland

Urkunde

über die Eintragung des
Gebrauchsmusters Nr. 20 2021 105 567

Bezeichnung:
System zur Erstellung dynamischer Inhalte für Online-Spielplattformen
basierend auf künstlicher Intelligenz und maschinellem Lernen

IPC:
A63F 13/60

Inhaber/Inhaberin:
Dublish, Mani, Ghaziabad, Uttar Pradesh, IN
Laxmaiah, Bagam, Dr., Hyderabad, Telangana, IN
Lodhi, Amairullah Khan, Dr., Hyderabad, Telangana, IN
Pallivalappil, Abdul Shareef, Bangalore, Karnataka, IN
Pandey, Ekta, Dr., Jhansi, Uttar Pradesh, IN
Pandit, Shraddha Viraj, Dr., Pune, Maharashtra, IN
Ramachandran, Rajaraman, Dr., Tiruchirappalli, Tamil Nadu, IN
Roy, Deepsubhra Guha, Dr., Kolkata, IN
Saxena, Ankur, Dr., Greater Noida, Uttar Pradesh, IN
Shukla, Piyush Kumar, Dr., Bhopal, Madhya Pradesh, IN
Shukla, Prashant Kumar, Dr., Bhopal, Madhya Pradesh, IN
Stalin, Shalini, Dr., Bhopal, Madhya Pradesh, IN
Thangadurai, Natarajan, Dr., Bangalore, IN

Tag der Anmeldung:
13.10.2021
Tag der Eintragung:
07.01.2022

Die Präsidentin des Deutschen Patent- und Markenamts

Cornelia Rudloff-Schäffer

München, 07.01.2022

Sample of Patents registered for a project carried out by faculty members

Awards and Certificates received by students in various Drama Competitions

Best Practice 2: Institution's Publications

Research Journal:
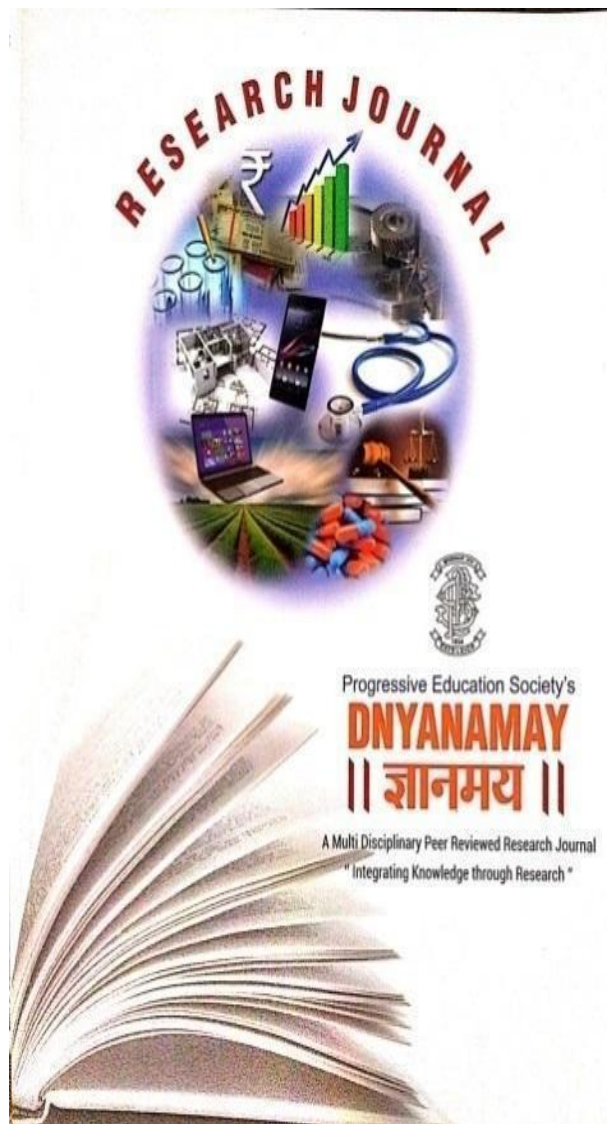
October 2021 - January 2022   VOLUME 6   NUMBER 3   ISSN No. 2395-7484

Progressive Education Society's

DNYANAMAY
|| ज्ञानमय ||

A Multi Disciplinary Peer Reviewed Research Journal
" Integrating Knowledge through Research "

Right to Health Care with Special Reference to COVID 19- A Study
Dr. Gajanan Ekbote

Real Estate (Regulation and Development) Act, 2016 and Maharashtra
Real Estate Regulatory Authority (General) Regulations, 2017: A Comparative Study
Dr. Sunita Adhav

Equality Regime under Indian Constitution : Random Reflections
Dr. Sajnay Jain

Human Rights and Trafficking in Persons in India : An Analysis
Dr. Ujwala Shinde

Human Rights of Refugees in light of The Refugee Olympic Team
Dr. Kranti Deshmukh

Exploring The Susceptibility of Human Right Violation in the Times of Covid-19
Dr. Tejaswini Malegaonkar

Criminal Law and Women's Right to Health besides Psychology
Dr. Suvarna Nilakh

A Standard Policy Framework for Protecting Human Rights in Technological
Era - A Legal Analysis
Dr. Ashwini Ingole

Comparative Analysis of the Concept of Consumerism under The Consumer
Protection Act and The RERA Act
Dr. Ananya Bibave

Double Protection to Real Estate Consumer Under The RERA Act, 2016 and
The Consumer Protection Act,2019
Asst. Prof. Niharika N. Chari

Making the Headway from MOFA to RERA- Underlining the developments
and benefits under RERA
Ms. Tanaya P Kamlakar

Comprehensive Study of The Real Estate (Regulation and Development) Act, 2016
Prajakta Pimpalshende, Dr. Sunita Mane

ISSN : 2277 - 6885
Volume 10, Issue 2,
September 2021- February 2022

Chaitanya Business Journal

Double-blind Peer Reviewed Journal

Progressive Education Society's
Modern College of Engineering,
Pune - 5.

ISSN : 2277 - 6885
Volume 11, Issue 1,
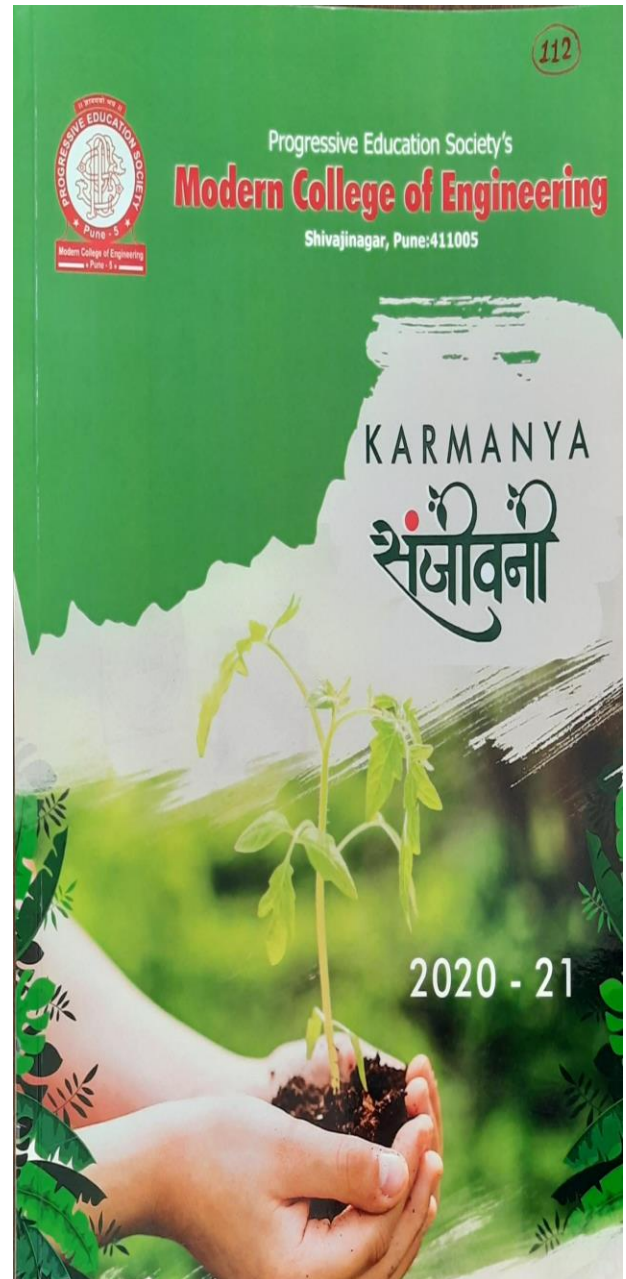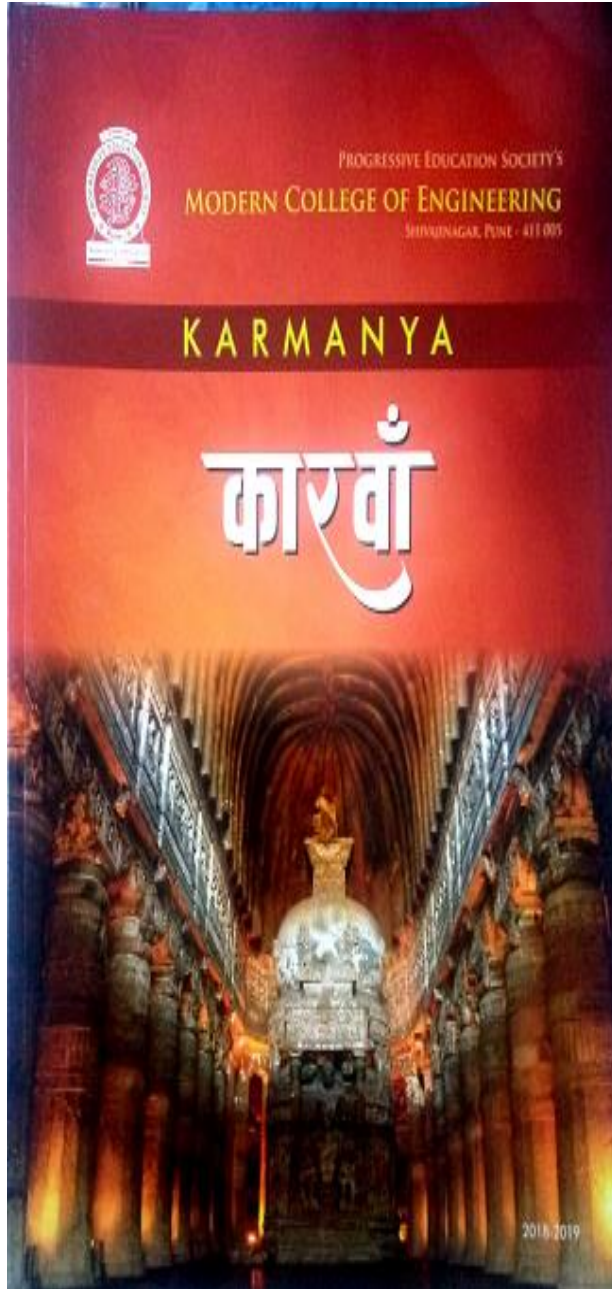March 2022- August 2022

Chaitanya Business Journal

Double-blind Peer Reviewed Journal

Progressive Education Society's
Modern College of Engineering,
Pune - 5.

Institute Level Magazine:

Department Level Magazines:
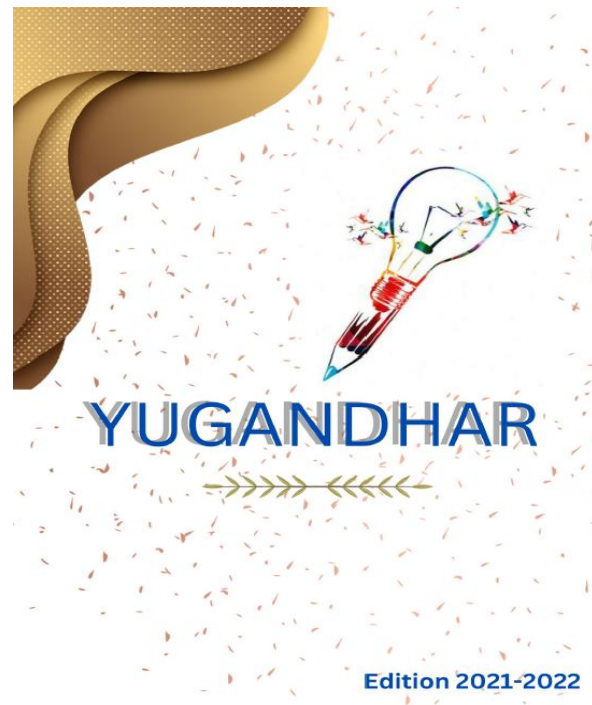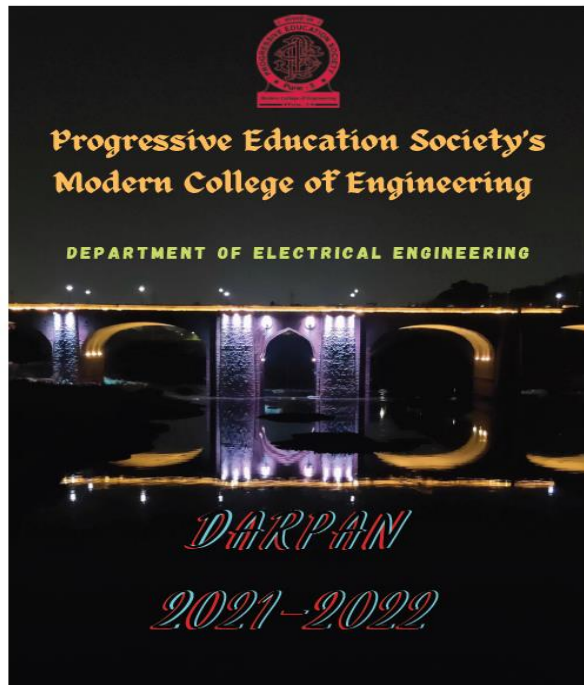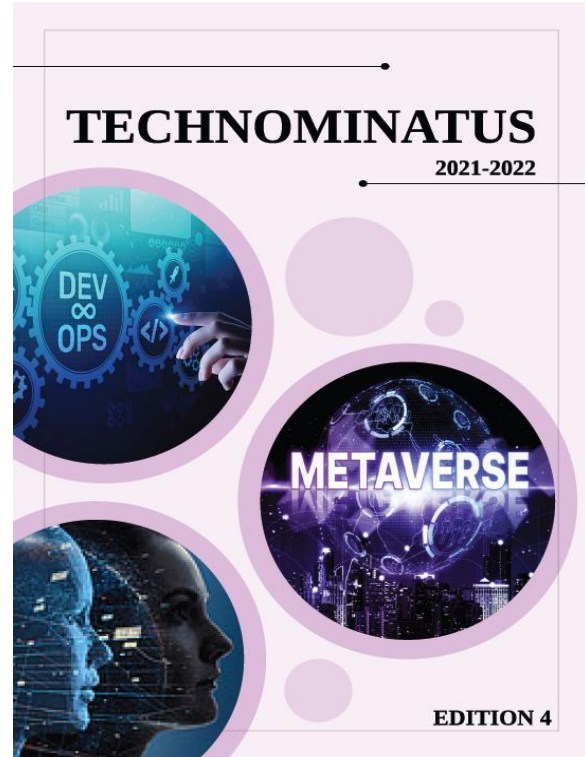
E-News Letters:

Progressive Education Society's
Modern College of Engineering,
Shivajinagar, Pune-5

Newsletter 1 (TECH NEWS — Term-II Issue II)

NEWSLETTER 2021-22 TERM-II ISSUE II

TECH NEWS

Official Newsletter of the department of MCA
(P.E.S. Modern college of Engineering , pune)

About Us...

From the Editor's desk : It gives me an immense pleasure to present our biannual e-newsletter "TechNews" for the current semester. I would like to thank our HOD and my colleague's for their support in making of this issue. We have worked hard to bring up an exhilarating flashback of the events, achievements during the session 2018 19 Term I. I hope you find it interesting.
- Miss. Mugdha Dharmadhikari

About The Department : The department of Master of Computer Application (MCA) has been started in the academic year 2003- 04 and is permanently affiliated to Savitribai Phule Pune University and recognized by AICTE and DTE. The mission of the department is to contribute to the growth of technical education and to lead to its enrichment and advancement.

Department Vision: To develop Competent Technocrats in the field of Computer applications imbued with human values.

Department Mission : 1. To impart knowledge in the field of Computer applications with a focus on developing the required competencies.
2. To improve technical skill of the students through practical and hands-on experience.
3. To make students socially responsible citizens.
4. To enhance the quality of the students by collaboration with Alumni and Industry.

From the Principal's desk : The aim of the institute is to develop not just top quality engineers but also well-developed persons. Our motto therefore is "the joy of excellence in a world of high technology "As professionals you are required to gain knowledge and use it effectively even when you are exposed to pressure. You can surely face the challenges in the world with great courage if you can manage your valuable time and set your priorities, by having healthy competition and team spirit. Working in a team, effectively yields best results, even under tight deadlines. My congratulation to MCA Department for their consistent efforts in making newsletter and I wish that they will continue to do this in the years to come.
-Dr. Mrs. K. R. Joshi

From the HOD's desk: It 's a great pride to present our Master of Computer Application Department 's e- Newsletter "TechNews", our very own newsletter which includes different activities articles and achievements of the MCA students. My congratulations to the team who took the responsibility for carrying out this task effectively
- Mrs. Pradnya A .Muley

1

Newsletter 2 (TECH NEWS — Term I Issue I)

NEWSLETTER 2021-22 TERM I ISSUE I

TECH NEWS

Official Newsletter of the department of MCA
(P.E.S. Modern college of Engineering , pune)

About Us...

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3.. To make students socially responsible citizens.
4.To enhance the quality of the students by collaboration with Alumni and Industry.

TECH NEWS PAGE 1

Newsletter 3 (THE CURRENT POST)

PES's Modern College Of Engineering

Edition: Academic Year 2021-22, Sem-I

Department of Electrical Engineering

THE CURRENT POST

About The Institution

PES's Modern college of Engineering was established in June 1999 under the guidance & leadership of visionary Chairman Dr.G.R.Ekbote. The College is approved by AICTE, New Delhi, Directorate of Technical Education, and Government of Maharashtra & is affiliated to SavitribaiPhule Pune University, compiling with all the norms & standards of Engineering Education. At present the college conducts seven courses in Engineering viz. Mechanical, Electrical, Electronics & Telecommunication, Computer, Artificial Intelligence & Data Science, Electronics & Computer Engineering and Information Technology. The college has Post Graduate Engineering courses in Electrical, Mechanical, Computer, E&TC, MBA & MCA courses. The Research centre has been established for Mechanical, E&TC, and Electrical& MBA. The second shift courses have been started for Electrical, Mechanical, Computer, IT & MCA.

- Electrical Engineering and E&TC Department, these UG courses are accredited by National Board of Accreditation (NBA) for Academic Years 2019-2020 to 2021-2022 i.e. upto 30/6/2022
- College has been accredited by NAAC with "A Grade".
- College has been awarded as best college in urban area.

From Principal's Desk

The aim of this institute is to develop not just top quality engineers but also well developed persons. Our motto therefore is "the joy of excellence in a world of high technology". As professionals you are required to gain knowledge and use it effectively even when you are exposed to pressure. You can surely face the challenges in the world with great courage if you can manage your valuable time and set your priorities, by having healthy competition and team spirit. Working in a team, effectively yields best results, even under tight deadlines.

From HOD's Desk

A weak link is better than a strong memory. Nothing exemplifies it better than the nostalgic feeling one gets when leafing through the dusty old pages of his/her college magazine. It can make a reader travel down the lanes of memory, giving rise to a surge of emotions of many hues and colours. Department of Electrical Engineering "THE CURRENT POST" newsletter is going to give the same pleasure to all the brilliant minds that traverse through the portals of this temple of learning. The role of a college magazine is therefore vital in promoting what an institution offers. It brings out into the open things hitherto unrevealed. It brings to light the names of the unsung heroes and their mighty deeds.

Vision of Department

" To build technically competent Electrical Engineers with ethical and social responsibility."

Mission of Department

- To develop abilities in students for acquiring knowledge and skills to flourish in dynamic technical environment
- To nurture cultured professionals by providing facilities for their overall development.
- To motivate the students for research work and activities beneficial to society.
- To enhance strong bonding with various organization and alumni.

IN THIS ISSUE

Sr. No.	Name of Event	Page no.
1	Vision/Mission	1
2	Professional Society	2
3	ESSA Activities	3
4	Guest Lecture	3
5	Social Activity	4
6	Extract Activities	5
7	Research Achievement	5
8	Placement Records	5
9	Academic Awards	7
10	Academic Result	8
11	Training & Placement	10

Vision of the Institution
• To create a collaborative academic environment to foster professional excellence and ethical values.

Page 1

Newsletter 4 (NIVEDANA)

NIVEDANA
MANAGEMENT COMMUNIQUÉ
2021-2022 Volume 7 : Issue 1

PES Modern College of Engineering

Vision
- To create a collaborative academic environment
- To foster professional excellence and ethical values.

Mission
- To develop outstanding engineers and professionals with high ethical standards capable of creating and managing global enterprises
- To foster innovation and research by providing a stimulating learning environment
- To ensure equitable development of students of all ability levels and backgrounds
- To be responsive to changes in technology, socio-economic and environmental conditions
- To foster and maintain mutually beneficial partnerships with alumni and industry

MBA Department

Vision
- To create an environment of excellence in management education
- To develop ethical professionals through inclusive growth.

Mission
- To train future global business leaders with management and entrepreneurial skills
- To foster continuous learning through research
- To engage in ethical, sustainable and inclusive practices in all activities.
- To maintain symbiotic association with corporate, professional bodies and other stakeholders

Food for thought

Aazadi

True freedom comes from absolute and honest acceptance of one's duties. Every being on this planet is destined to live a happy and fulfilled life, but bondages bind us, at a personal, professional,national and global level.And now is the time of transition and transformation;we ought to grow and expand in the highest possible version of ourselves.

-Aishwarya Kothe,Fy MBA

Bondage   **Freedom**

" Freedom comes when you let your mind free from bondage. Knowledge is the KEY."
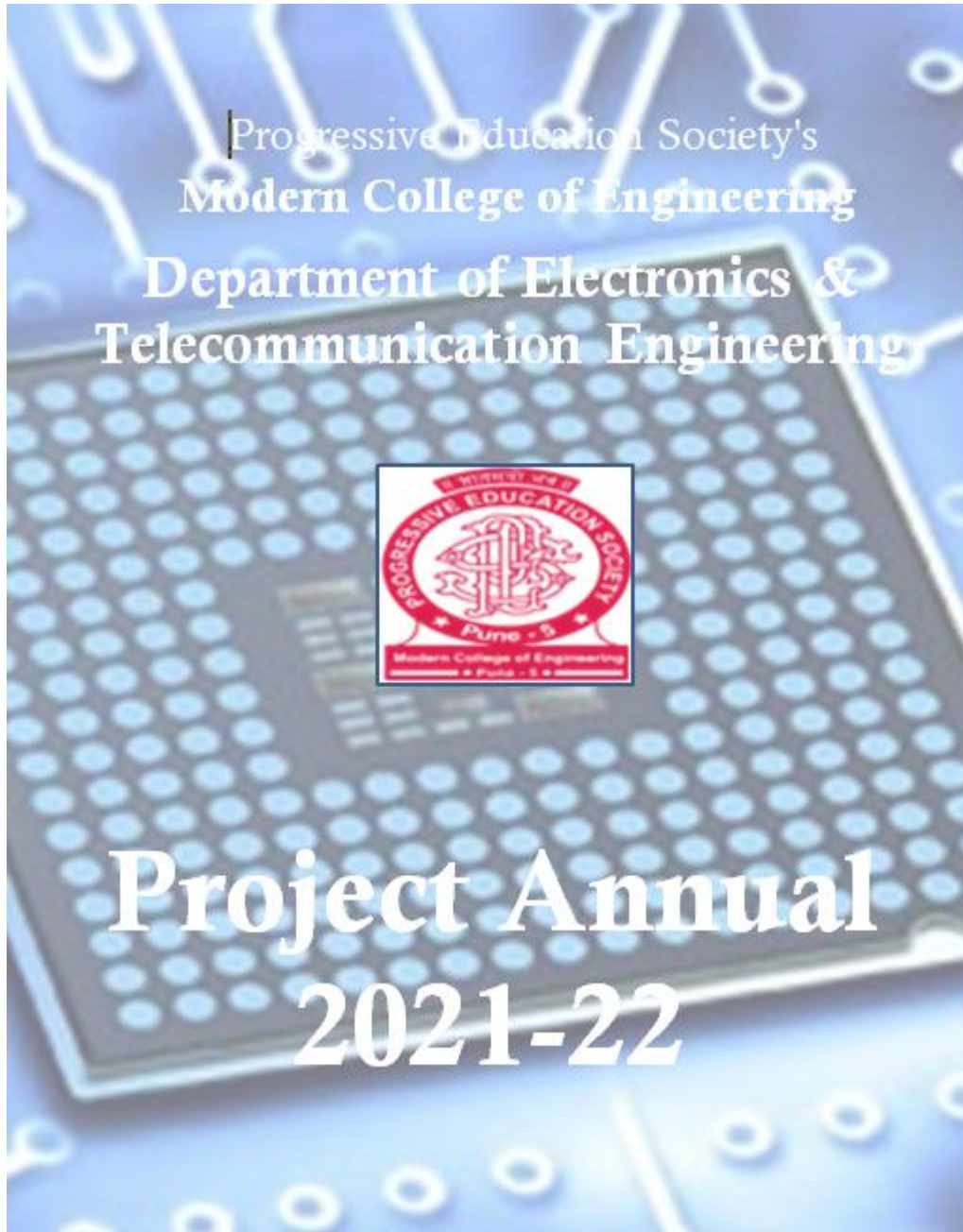
आज़ादी का
अमृत महोत्सव

बलिदान हुए इस देश के नायक। आओ मिलकर करें प्रणाम हम। उनके दिखाएं राह पर चलकर; करें ज्योतिपुंज का निर्माण हम।।

1

Project Annual:

Curriculum Booklet:

e -curriculum Booklet

- Course structure
- Syllabus
- Teaching plan
- Course objectives
- Course outcomes
- Text and reference books
- Web links/ Research papers referred
- Unit wise Questions for theory and practical
- MCQs
- Oral questions