

DYP

D. Y. PATIL COLLEGE
OF ENGINEERING,
AKURDI

D. Y. PATIL COLLEGE OF
ENGINEERING, AKURDI.

DEPARTMENT OF CIVIL ENGINEERING

NEWSLETTER

JULY- DECEMBER 2022

VOLUME 8



DEPARTMENT OF CIVIL ENGINEERING

Vision of Institute

Empowerment through Knowledge.

Mission of Institute

To educate the students to transform them as professionally competent and quality conscious engineers by providing conducive environment for teaching, learning, and overall personality development, culminating the institute into an international seat of excellence.

Vision of Department

Empowerment for Civil Engineering Leadership

Mission of Department

1. To Prepare Students for Professionally Competent and Quality Conscious Civil Engineers with Civic Sense.
2. To Formulate effective teaching and learning process for global acceptance.
3. To Create intellectually stimulating environment for Research, Innovation and Entrepreneurship.

Program Educational Objectives (PEOs)

After few years of graduation, Alumni of Civil Engineering Program will be

1. Practicing in Civil Engineering and Allied Sectors or as Entrepreneur for successful professional career.
2. Pursuing higher education for professional development.
3. Adapting the Research based skills with multidisciplinary approach considering environmental and societal needs for sustainable needs.

Program Specific Outcomes (PSOs)

Upon graduation, Civil Engineering Students will exhibit following PSOs

1. Ability to understand the breadth and competency in the various specialized fields of Civil Engineering to commit and succeed in state, national and global level competitive examinations
2. Aptitude to analyze courses in various specialized fields of Civil Engineering to select for higher education
3. Assess Business and Administration Skills in the various specialized fields of Civil Engineering for Entrepreneur Developments

Various Specialized Fields of Civil Engineering are: Water Resources Engineering, Environmental Engineering, Structural Engineering, Construction and Project Management, Geotechnical Engineering, Surveying, Estimation and Costing.

EDITORIAL BOARD

Sr.No.	Name	Designation
1.	Dr. P. MALATHI	PRINCIPAL
2.	Dr. S. S. SARNOBAT	VICE PRINCIPAL
3.	Dr. A. B. MORE	H.O.D
4.	Mrs. S. S. RAMTEKE	FACULTY COORDINATOR
5.	Ms. NEHA V BHAGDIYA	FACULTY COORDINATOR
6.	Mr. OM NAVALE	STUDENT COORDINATOR

EDITION : JUL-DEC 2022

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VOLUME: 8

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July 2022 NEWS LETTER

Faculty Achievements:

1. Dr A. B. More, Mr. Mahesh Tatikonda and students of ME Environmental Engineering have published patent on "Briquette using green waste" on 11th July 2022, The objective of the patent is product development as Briquette from campus green waste at Akurdi, Pune.
2. Dr S. M. Shiyekar and Mrs. Ashwini Patil presented paper in 3rd International Conference on Emerging Trends in Engineering and Technology (ICETET-2022), Sandip foundation, Nashik on topic "An analytical and numerical solution for narrow sandwiched beam with functionally graded material (FGM) core" on 21-21st July 2022.
3. Mrs. Smita Pataskar was appreciated by IGBC Accredited faculty Award on 24th June 2022.
4. Dr. Sachin Mane, Mr. Mahesh Tatikonda, Sudhanshu Pathak, Aradhana Chavan have published patent on "Decorative Concrete slab" on 6th June 2022.



Presented paper in International ICETET 2022 Conference



Presented paper in International ICETET 2022 Conference



Felicitated by IGBC Accredited Faculty Award

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July 2022 NEWS LETTER

Department Activity:

1. Department of Civil engineering has created signing domain Authority with IPR, Government of India with Applicant name as “Department of Civil Engineering, D Y Patil College of Engineering Akurdi, Pune”. patent on “Briquette using Green waste” on 11th July 2022.

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

INTELLECTUAL PROPERTY INDIA

Application Details	
APPLICATION NUMBER	202221032181
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	06/06/2022
APPLICANT NAME	1. Mahesh V Tatikonda 2. Mr Sandeep Sathe 3. Dr Sudhir Patil 4. Dr Ganesh Ingale 5. Mr Sudhanshu S Pathak 6. Dr Sachin J Mane 7. Mrs Aradhana Chavan
TITLE OF INVENTION	DECORATIVE CONCRETE SLAB
FIELD OF INVENTION	CHEMICAL
E-MAIL (As Per Record)	mahesh138@gmail.com
ADDITIONAL-EMAIL (As Per Record)	msatikonda@dypcoeakurdi.ac.in
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	
PUBLICATION DATE (U/S 11A)	14/06/2022

Patent Published On “Decorative Concrete slab”

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

INTELLECTUAL PROPERTY INDIA

Application Details	
APPLICATION NUMBER	202221039691
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	11/07/2022
APPLICANT NAME	Department of Civil Engineering , D Y Patil College of Engineering Akurdi Pune
TITLE OF INVENTION	BRIQUETTE USING GREEN WASTE
FIELD OF INVENTION	CHEMICAL
E-MAIL (As Per Record)	sjmane@dypcoeakurdi.ac.in
ADDITIONAL-EMAIL (As Per Record)	sjmane@dypcoeakurdi.ac.in
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	
PUBLICATION DATE (U/S 11A)	29/07/2022

Application Status

Patent Published on “Briquette using Green

Faculty Achievements:

1. Dr A. B. More has received the Prestigious National Level appreciation Award as “Guide for Best MTech Thesis in Civil Engineering” by hands of Dr. K K Agrawal, Chairman, NBA, India at the 51st ISTE National Annual Faculty Convection held at Goa on 27th August 2022.
2. Mrs Ashwini Patil has published Article in Elsevier Material Today : proceedings on topic “Mechanical strength and durability performance of sea water concrete incorporating supplementary cementitious materials in different curing conditions” on 17th August 2022.

Student Achievement:

1. Mr Ranjit Kekan has received the Prestigious ISTE Outstanding Student Award by hands of Dr. K K Agrawal, Chairman, NBA, India at the 51st ISTE National Annual Faculty Convection held at Goa on 27th August 2022.
2. Kiran Marathe and Rushikesh Jadhav student of final year got placed in Knest Aluform on 12th August 2022.
3. “Expiry Date” drama directed by Suraj Tekawade student of BE Civil has been selected for the finals of “Purushottam Karandak 2022” on 29th August 2022.



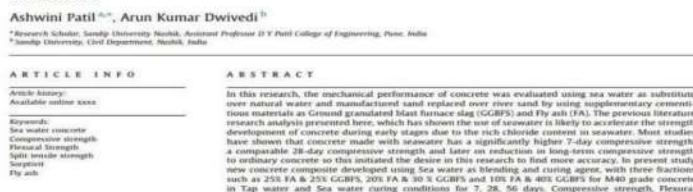
Felicitated as Guide for Best MTech Thesis at the 51st ISTE National Annual Faculty Convection



Received the ISTE Outstanding Student Award at the 51st ISTE National Annual Faculty Convection



Mechanical strength and durability performance of sea water concrete incorporating supplementary cementitious materials in different curing conditions



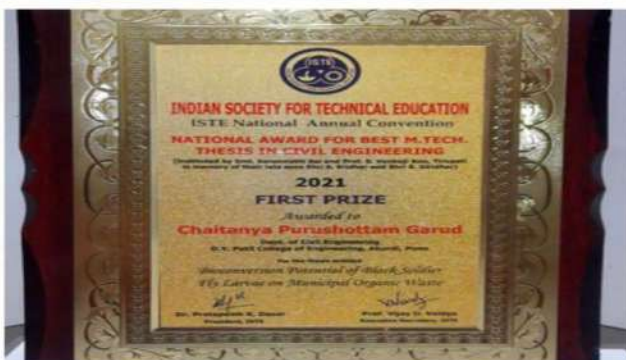
Published paper in Elsevier Material Today proceedings



Selected for finals of Purushottam Karandak 2022

Student Achievement:

1. Mr Chaitanya Purushottam Garud (ME Environmental Engineering) has received the First Prize at National Award for best MTech Thesis in Civil Engineering for the thesis titled "Bioconversion Potential of Black Soldier Fly Larvae on Municipal organic waste" by hands of Dr. K K Agrawal, Chairman, NBA, India at the 51st ISTE National Annual Faculty Convection held at Goa on 27th August 2022.



Won First Prize for Best MTech Thesis at the 51st ISTE National Annual Faculty Convection

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September 2022 NEWS LETTER

Departmental Activity :

1. MoU was signed between D Y Patil college of Engineering Akurdi and MITCON consultancy and Engineering Services Limited on 5th September 2022. Mr Harshad Joshi, Buisness Head, MITCON was invited as a chief guest for the Programme.
2. SE Civil Orientation Programme was organized for the SE students and Dr Atul Ayare, Vice president MITCON was invited as Guest of Honour on the eve of teachers day on 5th September 2022.

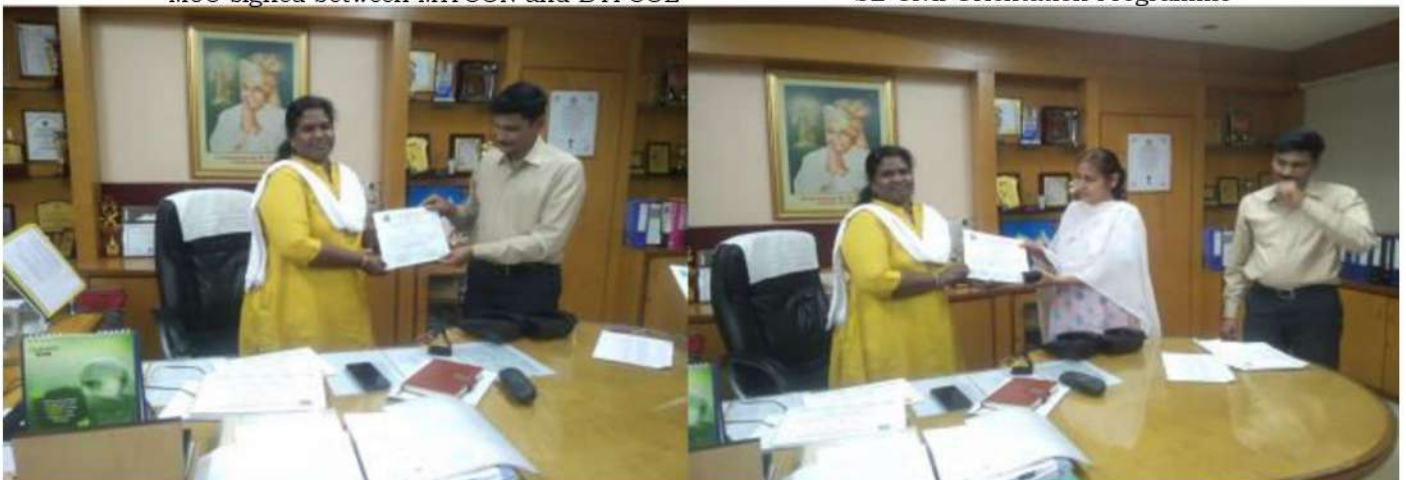
Faculty Achievement:

Mrs Usha Jadhav and Mr R. A. Patil has successfully completed one day staff development programme on "Skills Enhancement and Capacity Building" Organized by IQAC on 19th April, 2022 and felicitated by Principal Dr Mrs. P. Malathi on 21st September 2022.



MoU signed between MITCON and DYP COE

SE Civil Orientation Programme



Felicitations of Mrs Usha Jadhav and Mr R. A. Patil by Principal Dr. Mrs. P. Malathi

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October 2022 NEWS LETTER

Faculty Achievements:


1. Mrs Smita Pataskar was received by Dr Mrs P Malathi (I/C Principal) for “Best Reader Award” on 15th October 2022.
2. Mr. Mahesh V. Tatikonda was received by Dr Mrs P Malathi (I/C Principal) for “Best Reader Award” on 15th October 2022.
3. Mr. Sunil Payghan was received by Dr Mrs P Malathi (I/C Principal) for “Best Reader Award” on 15th October 2022.
4. Ms. Aradhana R. Chavan got certificate for presenting the paper on “An Overview of Machine Learning Techniques for Evaluation of Pavement Condition” from MIT World Peace University, Pune on 8-9 October 2022.
5. Ms. Subhashini S. Ramteke Scored 50% with Elite in NPTEL-AICTE Faculty Development Programme for successfully completing the course “Geotechnical Engineering Laboratory on 12th October 2022.



Felicitation by Dr Mrs P. Malathi (I/C Principal)



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




This certificate is awarded to

SUBHASHINI RAMTEKE


for successfully completing the course

Geotechnical Engineering Laboratory


with a consolidated score of **50 %**



Prof. Andrew Thangaraj
NPTEL Coordinator
IT Madras



(Jul-Aug 2022)



Prof. Dileep N. Malikhede
Advisor-I (Research, Institute & Faculty Development)
All India Council for Technical Education

Roll No: NPTEL22CE60S13002647

Duration of NPTEL course : 4 Weeks

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams. This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 24th July 2019, similar to other regular / orientation courses. F.No. AICTE / RFP / FDP through MOOCs / 2017-18

NPTEL-AICTE FDP Course



(Conference Record Number - 56841)




Advancing Technology for Humanity

International Conference on Cybernetics, Cognition & Machine Learning Applications

ICCCMLA 2022
 8-9 October 2022
 Venue:- Don Bosco College of Engineering, Goa, India

Certificate

Congratulations & Gratitude to
 Aradhana Chavan
 from
 MIT World Peace University, Pune
 For presenting the paper on
An Overview of Machine Learning Techniques for Evaluation of Pavement Condition



Vinit Kumar Gunjan, Ph.D.
General Chair



Varsha Turkar, Ph.D.
Organising Chair

Paper Publication

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November 2022 NEWS LETTER

Faculty Achievements/Participation:

1. Mrs Smita Pataskar was a resource person in Dr D Y Patil College of Engineering, Pune to deliver Session on topic "Economics" for Third Year Civil Engineering on 15th November 2022.
2. Mr. Rajvardhan S.Patil was attended workshop on "Emerging AI Technologies for Decision Making in Maritime Domain" on 16th to 18th November 2022.
3. Mrs. Ashwini R. Patil has Reviewed a manuscript CSTR-D-22-00175 "A Review of Waste Paper Concrete International Journal of Concrete Structures and Materials, Springer nature Publication" on 15th November 2022.

Student Achievements:

1. Student of Final Year Amitkumar Nabde, Aryan Chib, Pratik Dharmale, Rina Sanap, Trupti Revgade, Vaishnavi Punse and Abhishek Borase got placed in Capgemini, on 19th November 2022 and Gautami Siddheshwar got placed in SHV Energy on 9th November 2022.

Departmental Activities:

1. Mrs Smita Pataskar has organized guest lecture in Dr D Y Patil College of Engineering, Pune to deliver Session on topic "Optimization in civil Engineering" on 9th November 2022 for Final Year Students.
2. Ms. Neha Bagdiya has organized seminar on "Career opportunities after B.E" for second year students on 19th November 2022.



Session by Mrs Smita Pataskar

Session by Mr Arjun Chhabra

Faculty Achievements:

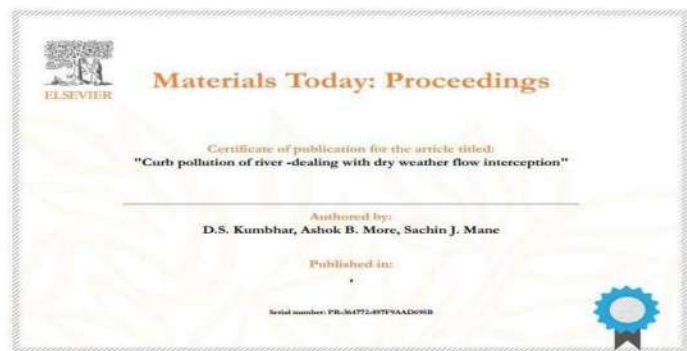
1. Dr. Ashok More & Dr Sachin Mane has published Article in Elsevier Journal Material Today: proceeding on the topic” Curb pollution of river -dealing with dry weather flow interception” on 23rd December 2022.
2. Dr. S M Shiyekar has published paper in International conference on “Static Stress Analysis of Functionally Graded Cylindrical Stiffened Shells, Proceedings of 12th Structural Engineering Convention-An International Event (SEC 2022).

Student Participation:

1. Tanmay Wankhade and Vinay Bidwe second year students actively participated in YIN (Young Inspirator Network) club as student coordinator from Civil Engineering De- partment.
2. All S.E.,T.E & B.E Students have actively attended the “NBA Awareness Student Inter- action session” which is addressed by Dr.Mrs. P. Malathi Principal,DYPCOE on 20th & 23 rd sDecember 2022.



International Conference paper



Published paper in Elsevier Material Today



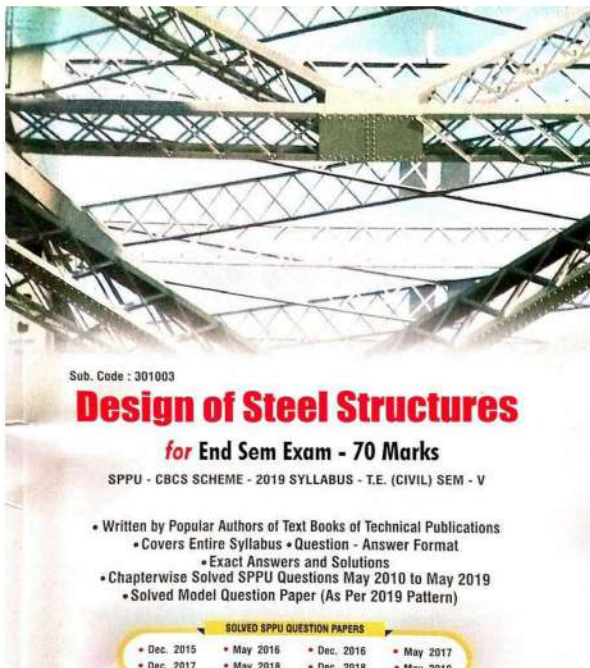
Principal DYPCOE Addressed students



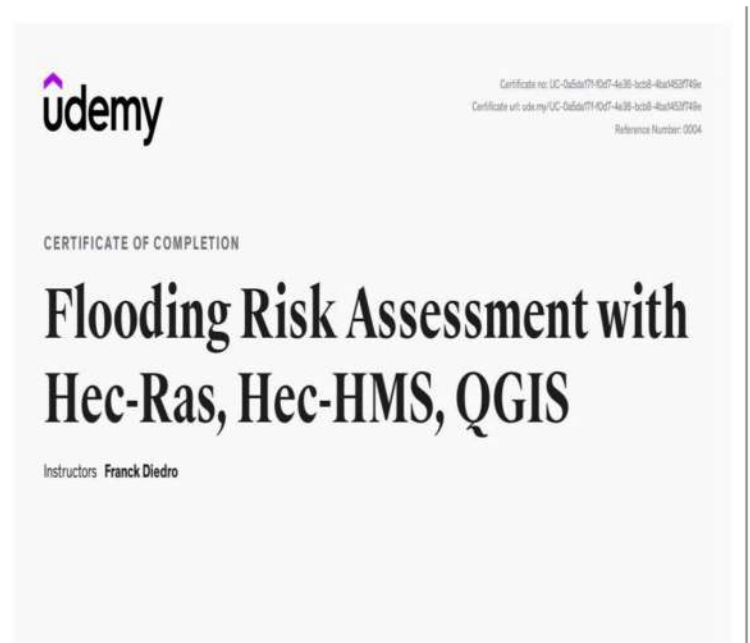
YIN Club Inauguration

Faculty Achievements:

1. Mr. Rajvardhan S.Patil has completed certification course on “Flooding Risk Assessment with Hec-Ras, Hec-HMS, QGIS on 24th December 2022.
2. Mrs. Sharmishtha. C and Mrs. Prital G. Kalasur has published book on “Design of Steel Structure “Decode on 5th December 2022.



Book Published on Design of Steel structure



Certification course