



Vidyavardhini's College of Engineering and Technology  
K.T.Marg, Vasai Road (west); Dist-Palghar; Pin-401202

21\_Expert session on How to accelerate research inside department and role of faculty by Dr.Vishal Shukla, Associate Professor Mechanical Engineering, RCOEM, Nagpur

Academic Year	2022-23		
TITLE	One Day expert session on "Workshop on Intellectual Property Rights (IPRs) and IP management for start ups by Dr. Suraj Bhoyar, NIPAM Professional and Patent Agent, Associate Director-Student Affairs, MIT-ADT Univ., Pune.		
Organizing Committee	Institute innovation Council		
Date:	19/04/2023	Time	10 am
Venue of the Event	Seminar hall		
No of participating Students	60		
No of participating faculty	05		

Faculty In-charge

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Academic Year	2022-23		
TITLE	Session on Writing a Research Proposal for the SERB_DST and other agencies by 1. Dr.Kiran Bhole Associate Professor and Dean-Research Sardar Patel College of Engineering Mumbai		
Organizing Committee	Institute innovation Council		
Date:	06/02/2023	Time	3 am
Venue of the Event	Seminar hall		
No of participating Students	05		
No of participating faculty	79		

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Academic Year	2022-23		
TITLE	Expert Talk on Energy Conservation Strategy in Electric Vehicles by Mr.Kavan Raval Chief Strategic Sales and Partnership Officer, Earth Energy EV,Vasai		
Organizing Committee	Institute innovation Council		
Date:	14/12/2022	Time	10 am
Venue of the Event	Seminar hall		
No of participating Students	65		
No of participating faculty	05		

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Faculty In-charge

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Academic Year	2022-23		
TITLE	Session on Innovation,Startup and Entrepreneurship-New Era for Young Engineering Graduates by Mr. SandipSukhija Director, S.Cranes Pvt.Ltd,Mumbai		
Organizing Committee	Institute innovation Council		
Date:	15/11/2022	Time	2 am
Venue of the Event	Seminar hall		
No of participating Students	150		
No of participating faculty	03		


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Academic Year	2022-23		
TITLE	Workshop on Entrepreneurship and Innovation as Career opportunity by Mr.Ashish Jaykumar Founder- Aarbee aqua India Pvt. Ltd.		
Organizing Committee	Institute innovation Council		
Date:	06/10/2022	Time	2 am
Venue of the Event	Seminar hall		
No of participating Students	37		
No of participating faculty	02		

  
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Academic Year	2022-23		
TITLE	Bicycle Rally on occasion of National Energy Conservation Day by Dr. Megha Trivedi, Mr. Swapnil Mane, Mr. Vishwas Palve		
Organizing Committee	Institute innovation Council		
Date:	16/12/2022	Time	10 am
Venue of the Event	Seminar hall		
No of participating Students	13		
No of participating faculty	05		

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Academic Year	2022-23		
TITLE	Workshop on Entrepreneurship Skill, Attitude and Behavior Development by Mr. Ratnakar B. Chaudhari Director and Founder, R.B.Group of Companies, Mumbai		
Organizing Committee	Institute innovation Council		
Date:	21/02/2023	Time	3 am
Venue of the Event	Seminar hall		
No of participating Students	130		
No of participating faculty	04		

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Academic Year	2022-23		
TITLE	Expert Talk on Process of Innovation Development Technology Readiness Level(TRL),Commercialization of Lab Technologies and Tech-Transfer by Mr.Ratnesh Shingrupe Founder- and CEO of Quasar Innovative Solutions – India (Qinso),Thane Maharashtra		
Organizing Committee	Institute innovation Council		
Date:	19/12/2022	Time	10 am
Venue of the Event	Seminar hall		
No of participating Students	52		
No of participating faculty	04		

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Academic Year	2022-23		
TITLE	One Day Workshop on Innovation and Creativity in Entrepreneurship by Mr. Sachin Kumbhoje , Entrepreneur, start up coach, public speaker, winner of India Croatia Startup Bridge 2022 and Director, OpEx Startup School, Kolhapur		
Organizing Committee	Institute innovation Council		
Date:	22/02/2023	Time	10 am
Venue of the Event	Seminar hall		
No of participating Students	73		
No of participating faculty	04		

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Academic Year	2022-23		
TITLE	Workshop on Proof of Concept and Design Thinking by Mr. Sachin Kumbhoje , Entrepreneur, start up coach, public speaker, winner of India Croatia Startup Bridge 2022 and Director, OpEx Startup School, Kolhapur		
Organizing Committee	Institute innovation Council		
Date:	22/02/2023	Time	2 am
Venue of the Event	Seminar hall		
No of participating Students	73		
No of participating faculty	04		

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Academic Year	2022-23		
TITLE	ONE DAY EVENT Inter Institute Business Plan Competition judged by 1. Mr. Sandeep Sukhija, Owner,S-Cranes Mumbai,2. Mr.Swapnil Karvir,S.S.Dies,Vasai		
Organizing Committee	Institute innovation Council		
Date:	13/05/2023	Time	2 am
Venue of the Event	Seminar hall		
No of participating Students	25		
No of participating faculty	05		

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Academic Year	2022-23		
TITLE	Seminar on Discover the power within you by Mrs. Surekha Bhosale A Visionary Entrepreneur, Career and Passion Counsellor, Vasai		
Organizing Committee	Institute innovation Council		
Date:	08/03/2023	Time	2 am
Venue of the Event	Seminar hall		
No of participating Students	94		
No of participating faculty	05		

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Academic Year	2022-23		
TITLE	VASAI VIRAR START UP FEST		
Organizing Committee	E-Cell and Institute Innovation Council		
Date:	28/03/2023	Time	10 am
Venue of the Event	Seminar hall		
No of participating Students	1500		
No of participating faculty	80		

  
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Academic Year	2022-23		
TITLE	UDYAM SAMAN INDUSTRY INSTITUTE INTERACTION		
Organizing Committee	Industry institute Interaction Cell		
Date:	13/04/2023	Time	10 am
Venue of the Event	Seminar hall		
No of participating Students	340		
No of participating faculty	30		

Mr. Prafulla Patil  
Faculty In-charge

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Academic Year	2022-23		
TITLE	Expert Lecture on "Selection of Industrial Projects" by Mr Anand Bhise, Director MECHATOL Solutions		
Organizing Committee	Mechanical Engineering		
Date:	12/04/2023	Time	10 am
Venue of the Event	Seminar hall		
No of participating Students	65		
No of participating faculty	02		

Mr.Sanjay Lohar  
Faculty In-charge

  
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Academic Year	2022-23		
TITLE	Expert Lecture on Design of EOT crane and career opportunity in this sector of crane design by Mr.Rizwan Shaikh , S.Crane, Mumbai		
Organizing Committee	Institute innovation Council		
Date:	18/09/2022	Time	2 am
Venue of the Event	Seminar hall		
No of participating Students	72		
No of participating faculty	02		

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Academic Year	2022-23		
TITLE	Expert Lecture on To develop modeling, drafting skills using Industry grade software by Mr. Milind Patil, Lead Instructor, Consultant, Cadline Infotech		
Organizing Committee	Mechanical Engineering		
Date:	10/01/2023- 14/01/2023	Time	10 am
Venue of the Event	Seminar hall		
No of participating Students	24		
No of participating faculty	02		

Kamlesh Baohkar

Faculty In-charge

  
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Academic Year	2022-23		
TITLE	Ethics in Industry and Business by Mr. Gajanan Sadekar, former Vice President-L&T Heavy Engineering, Product Development Consultant at Kumar Metals Industries Pvt Ltd.,Mumbai		
Organizing Committee	Mechanical Engineering		
Date:	19/04/2023	Time	10 am
Venue of the Event	Seminar hall		
No of participating Students	92		
No of participating faculty	02		

*Mukund Kavekar*

Faculty In-charge

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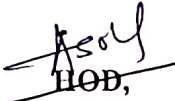


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Academic Year	2022-23		
TITLE	Recent Quality Management Tools and Its Industrial Application by Mr. Nilesh Galfade, CADLINE Infotech Mumbai		
Organizing Committee	Mechanical Engineering		
Date:	27/03/2023	Time	10 am
Venue of the Event	Seminar hall		
No of participating Students	29		
No of participating faculty	02		

Mukund Kavekar

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Academic Year	2022-23		
TITLE	Energy Conservation Week 2022		
Organizing Committee	--		
Date:	14/12/2022- 20/12/2022	Time	10 am
Venue of the Event	Seminar hall		
No of participating Students	21		
No of participating faculty	10		

Swapnil Mane  
Faculty In-charge

  
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Academic Year	2022-23		
TITLE	Expert lecture on Supply chain practices in Banking sector by Mr.Alok Singh		
Organizing Committee	Mechanical Engineering		
Date:	17/08/2022	Time	10 am
Venue of the Event	Seminar hall		
No of participating Students	115		
No of participating faculty	02		

Avantika P.

Faculty In-charge

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Academic Year	2022-23		
TITLE	Expert lecture on Application of SAP in LSCM by Mr. Sanket Joshi		
Organizing Committee	Mechanical Engineering		
Date:	02/10/2022	Time	10 am
Venue of the Event	Seminar hall		
No of participating Students	17		
No of participating faculty	02		

Avantika P.  
Faculty In-charge

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Academic Year	2022-23		
TITLE	Machine learning Workshop by Mr Ankit Patil		
Organizing Committee	Mechanical Engineering		
Date:	11/03/2022- 12/03/2022	Time	10 am
Venue of the Event	Seminar hall		
No of participating Students	50		
No of participating faculty	02		

Poohi Vairagi  
Faculty In-charge

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Academic Year	2022-23		
TITLE	Expert lecture on How to write research paper by Dr.Pratik Malwe, PCCOE Pune.		
Organizing Committee	Mechanical Engineering		
Date:	09/03/2023	Time	10 am
Venue of the Event	Seminar hall		
No of participating Students	132		
No of participating faculty	03		

Ganesh wakhle  
Faculty In-charge

  
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Academic Year	2022-23		
TITLE	Expert Lecture on Gear manufacturing and industrial applications by Mr.Deepak Sonawane		
Organizing Committee	Mechanical Engineering		
Date:	10/03/2023	Time	10 am
Venue of the Event	Seminar hall		
No of participating Students	78		
No of participating faculty	02		

*Sanjay Lohar*  
Faculty In-charge

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Academic Year	2022-23		
TITLE	Career counselling seminar by Mr. Sagar Bone, Design Engineer at Bloom Energy		
Organizing Committee	Mechanical Engineering		
Date:	12/09/2022	Time	10 am
Venue of the Event	Seminar hall		
No of participating Students	36		
No of participating faculty	02		

Dr. U.V. Aswalekar

Faculty In-charge

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Academic Year	2022-23		
TITLE	Expert Lecture on Challenges and advantages in Industrial Career by Dr. Rohit Nehe, Creestaa Elevators India Pvt. Ltd.,Pune		
Organizing Committee	Mechanical Engineering		
Date:	14/09/2022	Time	10 am
Venue of the Event	Seminar hall		
No of participating Students	88		
No of participating faculty	02		

Ms. Madhumita Dutta  
Faculty In-charge

  
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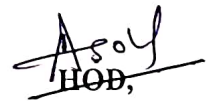
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Academic Year	2022-23		
TITLE	Expert Lecture on global macro-economic situation to enhance the supply chain decisions by Mr. Rahul Chemburkar, General Manager - Strategic Sourcing at Mahindra & Mahindra Ltd, Mumbai		
Organizing Committee	Mechanical Engineering		
Date:	15/09/2022	Time	10 am
Venue of the Event	Seminar hall		
No of participating Students	98		
No of participating faculty	02		

Madhumita Dutta

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Academic Year	2022-23		
TITLE	Expert Lecture on How to prepare students to take up problems and make them industry ready by Mr. Parin Dave		
Organizing Committee	Mechanical Engineering		
Date:	15/09/2022	Time	10 am
Venue of the Event	Seminar hall		
No of participating Students	98		
No of participating faculty	02		

Dr. V. V. Aswalekar  
Faculty In-charge

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Academic Year	2022-23		
TITLE	Career Councelling Seminar by Mr. Sharad Malla		
Organizing Committee	Mechanical Engineering		
Date:	19/09/2022	Time	10 am
Venue of the Event	Seminar hall		
No of participating Students	126		
No of participating faculty	02		

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Academic Year	2022-23		
TITLE	Career Councelling Seminar by Mr. Pinakeen Shah		
Organizing Committee	Mechanical Engineering		
Date:	19/09/2022	Time	10 am
Venue of the Event	Seminar hall		
No of participating Students	98		
No of participating faculty	02		

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Academic Year	2022-23		
TITLE	Career Councelling Seminar by Mr. Venkatraman Prabhu		
Organizing Committee	Mechanical Engineering		
Date:	20/09/2022	Time	10 am
Venue of the Event	Seminar hall		
No of participating Students	98		
No of participating faculty	02		

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Academic Year	2022-23		
TITLE	Career Councelling Seminar by Mr. Mithilesh Patil		
Organizing Committee	Mechanical Engineering		
Date:	21/09/2022	Time	10 am
Venue of the Event	Seminar hall		
No of participating Students	35		
No of participating faculty	02		

Madhumita butta  
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Academic Year	2022-23		
TITLE	Career Councelling Seminar by Mr. Prasad Gharat		
Organizing Committee	Mechanical Engineering		
Date:	22/09/2022	Time	10 am
Venue of the Event	Seminar hall		
No of participating Students	86		
No of participating faculty	02		

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Academic Year	2022-23		
TITLE	Panel Discussion on "How to make student industry ready and Bridging the Gap between Industry and Institute".The experts are Mr.Nilkanth Chaudhari,Founder and Managing Director ,Sunrise Group of Companies, Boisar; Mr.Partho Ghosh,Sr.Manager-HR and Admin,Nevatia Steel and Alloys Pvt.Ltd,Boisar;Mr.Naresh Pednekar,Director,Chintamani Engineering Industries Pvt.Ltd, Vasai;Mr.Prakash jadhav,Managing Director,APEIWTES AWS technology Center,Vasai; Mr.Yashamruth Patkar,Asst.Manager-HR,Jolly Clamps Pvt.Ltd,Vasai; Mr.Sachin Deshpande,ARS Energy Auditor,Vasai;Mr.Sunil Mohidekar,Director,Susumo Engineering,vasai;		
Organizing Committee	Mechanical Engineering		
Date:	13/04/2023	Time	10 am
Venue of the Event	Seminar hall		
No of participating Students	00		
No of participating faculty	22		

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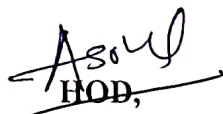


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Academic Year	2022-23		
TITLE	Expert session on How to accelerate research inside department and role of faculty by Dr.Vishal Shukla, Associate Professor Mechanical Engineering, RCOEM, Nagpur		
Organizing Committee	Mechanical Engineering		
Date:	06/04/2023	Time	10 am
Venue of the Event	Seminar hall		
No of participating Students	00		
No of participating faculty	21		

Dr. U. V. Aswalekar.  
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**Founder President Late Padmashri H. G. Vartak**

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Four Branches Permanently Affiliated by University of Mumbai



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## Report of

### Session on How to Accelerate Research inside Department and Role of Faculty 6<sup>th</sup> April 2023

**Objective: To inculcate the research, innovation awareness among faculty of the institute**

**About the Speaker:** The guest speaker for the session

#### 1. **Dr. Vishal Shukla**

Associate Professor

Mechanical Engineering, RCOME Nagpur

#### **Brief introduction of chief guest**

A highly experienced and result oriented professional with over 20+ years of experience in Teaching, Research, Project Development and Consultancy services. He is capable of teaching Digital & Additive manufacturing, CAD & FEM, Design & Vibrations, Fluid and Biomechanics, Possess Knowledge of modern engineering tools and techniques required in Product Design, Development and Manufacturing. He always keen to adept at guiding the students by using interactive discussions and “hands-on” approaches to help students learn and get a better understanding of the concerned subject. He is well allows sufficient exposure in identifying training needs, designing training / teaching curriculum and executing the same with knowledge of content development with skills in preparing and delivering the content. He is experienced in interacting and collaborating with students, professional societies, Industries and the community to build a college environment that maximizes student learning, academic performance, industrial development and social growth. He is soft spoken and having good communication, presentation and interpersonal skills with abilities in teaching & training for various academic as well as professional courses. He is presently working as Associate Professor in Mechanical Engineering, RCOEM and Faculty In-charge RCOEM-TATA CIIT. He delivered corporate Training related to EOT Crane. Several seminar/workshops/FDPs on Finite Element Method, CFD and applications to Biological systems

#### **Brief aspects of the event highlights:**

Dr. Shukla begins the talk with a note of relation between researcher and a teacher. A good teacher is one who is good in research in the domain of his or her own specialization.

Dr. Shukla shares the experience of his current institute and policies framed at their place as far as research is concerned.

  
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Dr.Shukla share with the fellow faculty member about the goals to set at the beginning of the academic year for research activities. The goals should not be so high that they are impossible to achieve. As per Dr. Shukla, the goals should be small and achievable.

Very first goal is to work upon innovative challenging problems with the help of UG/PG projects. These projects outcome should be analyzed to some extent and publish in reputed international conference. So set a goal of at least one renowned international conference paper publication in a year.

Second goal is to write a journal paper which is extension of the conference paper with indepth analysis of the problem under working. Submit atleast one journal paper every year. Let it publish at any time which is beyond our control. So don't waste time in publication of first paper in the journal.

Third goal is to think of innovative research intellectual property rights. Now a days the process of patent filing process becomes in online mode and its very easy to submit the application for patent. So any innovative research must be applied for patent.

If each faculty member of the institute contribute his or her small share in research, it becomes a big number where we as VCETians feel proud to be a part of this number.

Dr.Shukla suggested various methods of journal finder especially from mechanical Engineering fraternity. Dr.Shukla shares his experience as researcher and interacted with faculty members. Overall the session was extremely informative and informal . Faculty members hsare their doubts and seek clarification from Dr.Shukla. Dr.Shukal tried to resolve many queries raised by faculty members and satisfies all the faculty members.

All faculty members of the Mechanical Engineering Department 22 numbers was present for the Seminar.

Finally Dr.Uday Aswalekar, Head of Department felicitate Dr.Shukla with a token of appreciation and the session concluded.

Thank you,



*Dr. Ashish Chaudhari*

**Dr.Ashish Chaudhari**



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**Report of  
Session on How to Accelerate Research inside Department and Role of Faculty  
6<sup>th</sup> April 2023  
Glimpses of the Event**



An Expert Session on How to Accelerate Research inside Department and Role of Faculty



An Expert Session on How to Accelerate Research inside Department and Role of Faculty wherein interaction with Dr.Shukla

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Dr.Shukla During discussion of Accelerating Research inside Department and Role of Faculty

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