

Research and Development Cell – Activity Report

2020-2021 & 2021-22

INDEX

Sr. No.	Activity	Date
1	Workshop on Patent and its Procedure	17 th January 2021
2	Webinar on “Citius, Altius, Fortius: Achieving Excellence in Higher Education” by Padmashree Prof. G. D. Yadav, Former Vice Chancellor ICT, Mumbai	11 th May 2021
3	Webinar on “Project Proposal Writing” by UGC Research Scientist Prof. A. B. Pandit, Vice Chancellor ICT, Mumbai	27 th May 2021
4	Online Training Programme on “Design Thinking for Innovative Mindset-Case Study & Training” by Prof. Suryakant Dodmise, Incubation Manager RIT-TBI	1 st July 2021
5	Online College level Project Competition “DYPCET Hackathon 2K21” for final year students of College	24 th and 25 th July 2021
6	Prize distribution of online college level Project Competition “DYPCET Hackathon 2K21” for final year students of College	16 th September 2021
7	MoU between DYPCET, Kolhapur and SIBIC, Kolhapur for Incubation, Innovation and Start up	20 th August 2021
8	MoU between DYPCET, Kolhapur and RIT, Sakhrale, Islampur for Research and Development Activities	November 2021
9	Meeting with Dr. C. D. Lokhande, Director research, D. Y. Patil University, Kolhapur for Collaborative Projects, Funding Proposals, Consultancy Related Collaborative Work	18 th September 2021
10	Meetings and Presentation with Dr. Sanjay M. Mahajani, IIT-Bombay, for Collaborative Project Work (RGSTC funded) of Students and Faculty in Jaggary Research Center, Kolhapur	21 st September 2021
11	Meeting with Mrs. Kadambari Balkavade, Commissioner, KMC for Projects, Consultancy related Collaborative Research Work	23 rd September 2021
12	Webinar cum training on ‘Emerging Trends in IP, Patent: A Vehicle of Promoting Research and Innovation’	10 th November 2021
13	Meetings and Presentation with Mr. Suryakant Dodmise, CEO SIBIC, Kolhapur with principal Dr S. D. Chede and R and D team for incubation center in our College	9 th September 2021
14	Meetings with Dr. Sanjay M. Mahajani, IIT-Bombay, for Collaborative Project Work (RGSTC funded) of Students and Faculty in Government polytechnic, Kolhapur on foundry sand waste reclamation	21 st November 2021

15	MoU between DYPCET, Kolhapur and RIT Sakhrle, Islampur for Incubation, Innovation and Start up and research activities	1 st December 2021
16	Meeting with Mr.Maruti Khadake, regional manager, Relaince foundation, Mumbai for collaborative projects, Funding Proposals, consultancy related collaborative Work and CSR funding	27 th October 2021
17	Seminar on “Different funding agencies in India and abroad & funding proposal writing” by Prof. C. D. Lokhande, director research, D Y Patil university, Kolhapur	1 st January 2022
18	Seed funding proposal presentation for faculty of D Y Patil College of Engineering & Technology, Kolhapur for the year 2021-22	21 st January 2022
19	Project grant for college students (PGCS- 2021-22) presentations for funding to final year students of college	24 th February 2022
20	Short listed Seed funding proposals presentation for faculty of D Y Patil College of Engineering & Technology, Kolhapur for the year 2021-22	19 th March 2022
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Dean R & D

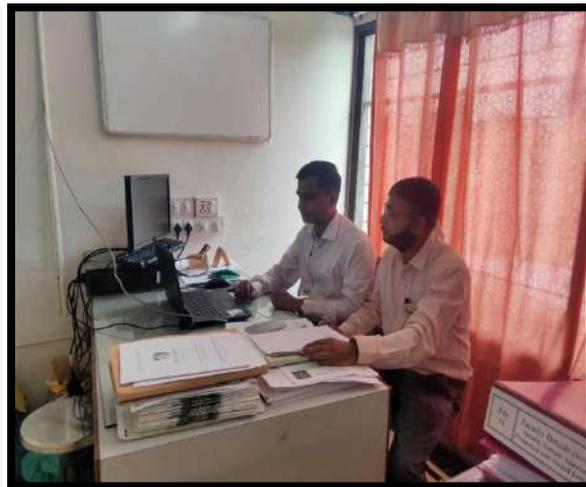
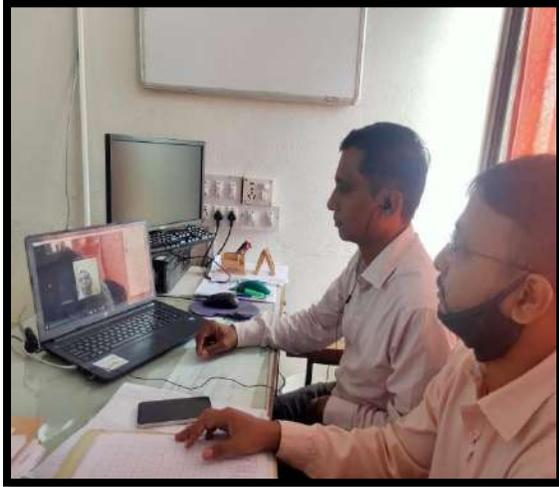
Planned Activity for semester II of academic year 2021-22

Sr. No.	Activity	Date
1	Revised seed funding presentation for faculty of our college	19 th March 2022
2	Dean Rand D and senior R and D members' departmental visits for awareness on funding proposals, product development & start ups.	Last week of March 2022
3	Collaborative activities with KMC, Kolhapur for society based projects & consultancy.	3 rd week of April 2022
4	Idea bank competition for all branch students	4 th week of April 2022
5	Seminar on research paper writing for T.E. and B.E. students of all branches.	4 th week of April 2022
6	MoU planning with NCL, Pune for collaborative research work	1 st week of May 2022
7	CSR funding activity for our college	1 st week of May 2022
8	Research proposal presentation by faculty of college for different funding agencies viz. DST, SERB,DRDO,CSR,RGSTC etc.	2 nd week of May 2022
9	Company visits to enhance consultancy of college	3 rd week of May 2022
10	Data collection for faculty incentive for publishing paper in peer reviewed journals, patent	3 rd week of May 2022

Title of Activity: **Workshop**

Title	Patent and its Procedure
Date	17 th January 2021
Name of Resource Person	Dr. Satvasheel Pawar, Associate Professor, IIT Mandi, Himachal
Name of Faculty Coordinator	Dr. S. J. Raykar, Dr. A. L. Jadhav, Dr. Kiran Mane, Dr. Mahesh Shelar, Mr. Sunil Kumbhar
Name of Student Coordinator	----
Venue	Seminar Hall
Objectives	<ol style="list-style-type: none">1. To make the faculty familiar with legal aspects of IPR2. To make the faculty familiar with steps in patent filing, publishing & granting.3. To motivate all faculty of our college for patent writing.
Description	Dr. Satvasheel Pawar, Associate Professor, IIT Mandi, Himachal conducted one day workshop on IPR and its procedure. In this workshop he guided present faculty about different steps in patent filing, publishing & granting. He also explained legal aspects of IPR and motivated faculty for writing patents. He also satisfied many queries of present faculty related to patent. This workshop was coordinated by R and D cell of College.
Outcome	<ol style="list-style-type: none">1. Faculty became familiar with legal aspects of IPR.2. Faculty became familiar with steps in patent filing, publishing & granting..3. Faculty of our college got motivated for patent writing
Impact	Faculty got knowledge of legal aspects of IPR, different steps in patent filing, publishing & granting also got motivated for patent writing
CO / PO / PSO Mapping	PO4, PO11
No. of Students / Faculty benefited	62 faculty

Glimpses



Dr. Satvashhel Pawar, Associate Professor, IIT Mandi, Himachal guiding faculty of college on topic IPR and its steps

Faculty Coordinator

Dean R & D

Title of Activity: **Webinar**

Title	Citius, Altius, Fortius: Achieving Excellence in Higher Education
Date	11 th May 2021, 5 to 7 pm
Name of Resource Person	Padmashree Prof. G. D. Yadav, Former Vice Chancellor ICT, Mumbai
Name of Faculty Coordinator	Dr. A. L. Jadhav, Dr. Kiran Mane, Dr. Mahesh Shelar, Mr. Sunil Kumbhar
Name of Student Coordinator	Sudarshan Bagal & Pratik Kamble
Venue	Online from D. Y. Patil College of Engineering & Technology, Kolhapur.
Objectives	<ol style="list-style-type: none">1. To create awareness amongst students and faculty about research & consultancy.2. Motivate the students and faculty for industrial projects, research activities, and higher education for achieving excellence in academics.
Description	<p>Research and Development cell of DYPCET organized Webinar on this important topic “Citius, Altius, Fortius: Achieving Excellence in Higher Education” for faculty and Students of all the branches and colleges from India and abroad..</p> <p>Seminar was conducted by renowned scientist, Padmashree Prof Dr G D Yadav former vice chancellor ICT Mumbai on 11 may 2021 following points are focused by Dr G. D. Yadav in his seminar,</p> <ol style="list-style-type: none">1) How the importance of higher education is beneficial for any developing institute?2) What are the great effects of internship program3) How to enhance the project interest of student in internship program4) How to select the industry related project for student5) What is the importance of internship program and industry related projects?6) Importance of projects, patents in academics7) How to create patents approaching thinking in faculty, student mind?8) Take the live problem projects and give the sustainable conclusion9) Increase the creativity of students by providing live projects <p>Seminar was attended by more than 1000 national and international participants with great feedback and request of requirement of such type of seminar frequently.</p>
Outcome	1. Students and faculty will understand importance of higher education for any developing institute

	<p>2. Students and faculty will understand importance of research & consultancy..</p> <p>2. Students and faculty will understand importance of industrial projects, research activities, and higher education for achieving excellence, quality in academics.</p>
Impact	<p>1. Students and faculty understand importance of higher education for any developing institute</p> <p>2. Students and faculty understand importance of research & consultancy.</p> <p>3. Students and faculty understand importance of industrial projects, research activities, Patent and higher education for achieving excellence, quality in academics.</p>
CO / PO / PSO Mapping	PO2, PO3, PO4, PO5, PO 11, PO12
No. of Students / Faculty benefited	1007 Participants from India and abroad

Glimpses

Online webinar on “Citius, Altius, Fortius: Achieving Excellence in Higher Education” on the occasion of National Technology Day by Padmashree Prof. G. D. Yadav, Former Vice Chancellor ICT, Mumbai Date -11th May 2021



Faculty Coordinator

Dean R & D

Title of Activity: Webinar

Title	Project Proposal Writing
Date	27 th May 2021, 4 to 6 pm
Name of Resource Person	UGC Research Scientist Prof. A. B. Pandit, Vice Chancellor ICT, Mumbai
Name of Faculty Coordinator	Dr. A.L. Jadhav, Dr. Kiran Mane, Dr. Mahesh Shelar, Mr. Rahul Ghatage, Mr. Sunil Kumbhar
Name of Student Coordinator	Pratik Kamble (T.E. Chemical)
Venue	Online from D. Y. Patil College of Engineering & Technology, Kolhapur.
Objectives	To do aware and use of P and I diagrams in industries effectively
Description	<p>Research and Development cell of DYPCET organized Webinar on this important topic “Project Proposal Writing” for faculty and Students of all the branches and colleges from India and abroad.</p> <p>Seminar was conducted by renowned scientist, Prof Dr. Aniruddha B. Pandit, UGC Scientist, vice chancellor, ICT Mumbai on 27th May 2021 following points are focused by Prof. (Dr).A. B. Pandit in his seminar,</p> <ol style="list-style-type: none">1) Gives all state and central government funding agencies details.2) How to write funding proposal?3) What importance points to be consider while writing funding proposals?4) Given inspiration to student and faculty for innovative projects.5) He addressed that the each faculty have to contribute in the research, patents and publication work in his teaching schedule.6) Provided key points related to achieve funding proposals to all faculty, students present.7) Scope for research project funding from government agencies.8) Importance of industry-institute interaction, research papers writing in teaching. <p>Seminar was attended by more than 700 national and international participants with very good feedbacks and participation.</p>
Outcome	<ol style="list-style-type: none">1. Students and faculty will understand importance of Project Proposal writing, funding agencies and related important information.2. Students and faculty will understand importance of their contribution in the research, patents and publication work in his teaching schedule.3. Students and faculty will understand importance of importance of industry-institute interaction, research papers writing in teaching for

Title of Activity: **Webinar**

Title	Design Thinking for Innovative Mindset-Case Study & Training
Date	1 st July 2021
Name of Resource Person	Prof. Suryakant Dodmise, Incubation Manager RIT-TBI, CEO SIBIC, Kolhapur
Name of Faculty Coordinator	Dr. A.L. Jadhav, Dr. Kiran Mane, Dr. Mahesh Shelar, Mr. Rahul Ghatage, Mr. Sunil Kumbhar
Name of Student Coordinator	Sudarshan Bagal
Venue	Online from D. Y. Patil College of Engineering & Technology, Kolhapur.
Objectives	To aware faculty, students about Design Thinking for Innovative Mindset, Incubation, Innovation, Product development and start up.
Description	<p>Research and Development cell of DYPCET organized Webinar on this important topic “Design Thinking for Innovative Mindset-Case Study & Training” for faculty and Students of all the branches and nearby colleges.</p> <p>Seminar was conducted by renowned speaker, Prof. Suryakant Dodmise, Incubation Manager RIT-TBI, CEO SIBIC, Kolhapur on 1st July 2021 following points are focused by Prof. Suryakant Dodmise in his seminar,</p> <ol style="list-style-type: none">1) Importance of design thinking for innovative mindset with case study.2) Need of incubation, for project work3) Product development from students’ projects.4) Importance of start ups, center of excellence, innovation center in academic institute.5) He guided about creativity, innovation cycle in detail.6) Provided key points about incubation center model for academic institute for quality improvement. <p>Seminar was attended by more than 70 faculty and students from different colleges.</p>
Outcome	<ol style="list-style-type: none">1. Students and faculty will understand importance of design thinking for innovative mindset with case study.2. Students and faculty will understand importance of need of incubation, for project work, start ups, center of excellence, and innovation center in academic institute.3. Students and faculty will understand importance of creativity, innovation cycle, incubation center model for academic institute for quality improvement.
Impact	<ol style="list-style-type: none">1. Students and faculty understand importance of importance of design thinking for innovative mindset with case study.2. Students and faculty understand importance of of need of incubation, for

	project work, start ups, center of excellence, and innovation center in academic institute. 3. Students and faculty understand importance of creativity, innovation cycle, and incubation center model for academic institute for quality improvement.
CO / PO / PSO Mapping	PO3, PO4, PO 11, PO12
No. of Students / Faculty benefited	51/18

Glimpse



**Live Webinar on Design Thinking for Innovative Mindset- Case study & Training by Mr. Surykant Dodmise, CEO, SIBIC, Kolhapur
Date- 1st July 2021**

Faculty Coordinator

Dean R & D

Title of Activity: DYPCET Hackethon 2K21, A College Level Project Competition for Final Year Students of All Branches of Our College

Title	DYPCET Hackethon 2K21, A College Level Project Competition for Final Year Students of All Branches of Our College
Date	24 th and 25 th July 2021
Name of Resource Person	Mr. Ravi Bandiwadekar, M.D. B. J. Corporation Pvt. Ltd., MIDC Gokul Shirgaon, Kolhapur, Mr. Prashant Hadkar, M.D. , Hadkar & Associate, Kolhapur Mr. Shubham Janate, Senior engineer, E –Zest Solutions Pvt. Ltd., Pune
Name of Faculty Coordinator	Dr. A.L. Jadhav, Dr. Kiran Mane, Ajinya Yadav, Deepak Sawant, Supriya Patil, Dr. Mahesh Shelar, Mr. Rahul Ghatage, Mr. Sunil Kumbhar, Ajit Kasbe,
Name of Student Coordinator	Pratik Kamble (T.E. Chemical)
Venue	Online from D. Y. Patil College of Engineering & Technology, Kolhapur.
Objectives	To motivate final year students of all branches for society and industry based projects and related research work.
Description	<p>Research and Development Cell of DYPCET organized college level project competition DYPCET Hackethon 2K21 exclusively for our college students from all six branches on 24th and 25th July 2021. This competition will help and motivate students of all the branches for society, industry based projects. This competition will help the students to cultivate research attitude in them. DYPCET Hackethon 2K21 is giving platform to all our college students to present their ideas to enhance multidisciplinary research. This Competition will also give students chance to incubate their ideas for start-ups.</p> <p>For this competition we have invited experience experts from different industries like Mr. Ravi Bandiwadekar, M.D. B. J. Corporation Pvt. Ltd., MIDC Gokul Shirgaon, Kolhapur, Mr. Prashant Hadkar, M.D. , Hadkar & Associate, Kolhapur and Mr. Shubham Janate, Senior engineer, E –Zest Solutions Pvt. Ltd., Pune. All experience experts from different fields given very good inputs to all the participants.</p> <p>Participants with very good feedbacks and participation.</p>
Outcome	<ol style="list-style-type: none"> 1. Students and faculty will get motivated for society and industry based projects. 2. Students and faculty will get feedbacks about their projects from industrial experts. 3. Students and faculty will understand importance of projects for product development, start up.

Impact	<ol style="list-style-type: none"> 1. Students and faculty understand importance of society and industry based projects. 2. Students and faculty get feedbacks about their projects from industrial experts. . 3. Students and faculty understand importance of projects for product development, startup.
CO / PO / PSO Mapping	PO2, PO3, PO4, PO5, PO 11, PO12
No. of Students / Faculty benefited	95 students/ 40 faculty

Glimpses

DYP CET Hackathon 2K21, A College Level Project Competition for Final Year Students of All Branches of Our College 24th and 25th July 2021

D Y PATIL
COLLEGE OF
ENGINEERING & TECHNOLOGY
(AN AUTONOMOUS INSTITUTE)
KARFA, ANKUR, KOLHAPUR

Project Competition
DYP CET Hackathon 2K21
Only limited for project's in DYP CET I, Kolhapur

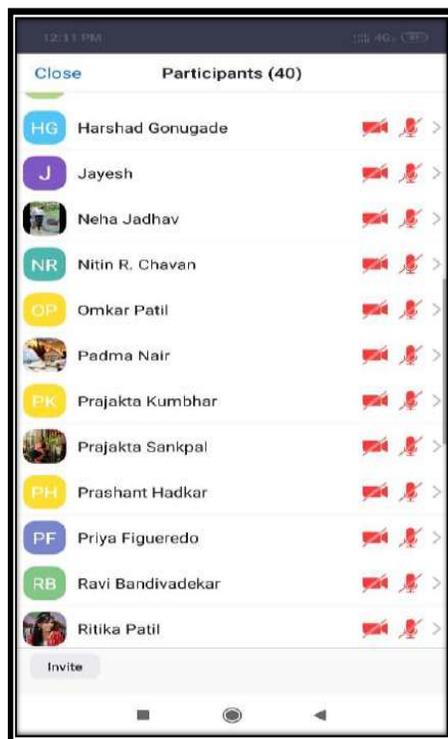
Patrons
Dr. Anil Kumar Gupta | Dr. Santosh Chede
Executive Director | Principal, DYP CET

Faculty co-ordinators
Dr. Amarsinh Jadhav
Dean R and D

Dr. Kiran Mane | Dr. Mahesh Shelar
Mr. Rahul Ghatge | Mr. Deepak Sawant
Mr. Ajit Kasbe | Mr. Sunil Kumbhar
Mrs. Supriya Patil | Mr. Amit Patil
Mr. Tejas Pingale | Mr. Hrishikesh Jadhav
Mr. Ajinkya Yadav

Saturday 24th & Sunday 25th July 2021

Note: Presentation will be held through Zoom link
Organized by: R and D cell, DYP CET, Kolhapur
Separate general rules for competition will be provided to participants through department.



Faculty Coordinator

Dean R & D

Title of Activity: Prize Distribution of Winners of DYP CET Hackathon 2K21, A College Level Project Competition Prize Distribution

Title	Prize Distribution of Winners of DYP CET Hackathon 2K21, A College Level Project Competition Prize Distribution
Date	16th September 2021
Name of Resource Person	Mr. Prashant Hadkar, M.D. , Hadkar & Associate, Kolhapur
Name of Faculty Coordinator	Dr. A.L. Jadhav, Ajinya Yadav , Dr. Kiran Mane, Dr. Mahesh Shelar, Mr. Rahul Ghatage, Supriya Pati
Name of Student Coordinator	-
Venue	Board room, D. Y. Patil College of Engineering & Technology, Kolhapur.
Objectives	To motivate final year students of all branches for society and industry based projects and related research work.
Description	<p>Research and Development Cell of DYP CET organized Prize Distribution of Winners of DYP CET Hackathon 2K21, a College Level Project Competition. This prize distribution carried out on 16th September 2021. This competition helped and motivated students of all the branches for society, industry based projects. This competition helped the students to cultivate research attitude in them. DYP CET Hackathon 2K21 has given platform to all our college students to present their ideas to enhance multidisciplinary research. This Competition will also give students chance to incubate their ideas for start-ups.</p> <p>For this prize distribution, we have invited experience experts judge of same competition, Mr. Prashant Hadkar, M.D., Hadkar & Associate, Kolhapur as a chief guest. He has given his valuable feedbacks about project participated in this competition and also given some hints for improvement in project quality. During this prize distribution Dr Anilkumar Gupta, director, D. Y. Patil group, Kolhapur, Dr. S. D. Chede, Principal, Deans, HoDs and project guides of many winning groups were present for event. Dr. Anilkumar Gupta has explained idea bank concept to audience. We have given prizes to first 3 winners groups and 3 consolation prizes to motivate students from maximum streams.</p>
Outcome	<ol style="list-style-type: none"> 1. Students and faculty will get motivated for society and industry based projects, help the students to cultivate research attitude in them. 2. Students and faculty will get motivated to present their ideas to enhance multidisciplinary research. 3. Students and faculty will understand importance of projects for product development, start up.
Impact	1. Students and faculty get motivated for society and industry based projects, help the students to cultivate research attitude in them.

**Prize Distribution of winners of DYP CET Hackathon 2K21, A College Level Project
Competition Prize Distribution
16th September 2021**



Faculty Coordinator

Dean R & D

Title of Activity: **Meeting with Dr. C. D. Lokhande, Director research, D. Y. Patil University, Kolhapur for Collaborative Projects, Funding Proposals, Consultancy Related Collaborative Work**

Title	Meeting with Dr. C. D. Lokhande, Director research, D. Y. Patil University, Kolhapur for Collaborative Projects, Funding Proposals, Consultancy Related Collaborative Work
Date	18 th September 2021
Name of Resource Person	Dr. C. D. Lokhande, Director research, D. Y. Patil University, Kolhapur
Name of Faculty Coordinator	Dr. A.L. Jadhav, , Dr. Mahesh Shelar, Dr Kiran Mane
Name of Student Coordinator	-
Venue	D. Y. Patil University, Kasaba Bavada, Kolhapur.
Objectives	To Start collaborative research work like project, funding proposals, research papers publication and consultancy for students and faculty of our college.
Description	<p>Research and Development cell of DYPCET trying to expose faculty and students of our college to research environment by doing MoUs, collaborative research work like projects, funding proposals, research papers publication, product development and start ups. To fulfill these activities for betterment of students, faculty, our dean R and D Dr. Amarsinh L. Jadhav, with senior members from our R and D cell Dr. Mahesh Shelar, Dr Kiran Mane visited research center of D. Y. Patil university, Kolhapur.</p> <p>This meeting was very well coordinated by Dr. C. D. Lokhande, director, research, D. Y. Patil University, Kolhapur. In this meeting we discussed about,,</p> <ol style="list-style-type: none"> 1) Collaborative project, incubation 2) Collaborative funding proposals. 3) Collaborative research papers publication 4) Equipments sharing between institutes. <p>We have also started collaborative projects for students of mechanical, chemical engineering departments with D. Y. Patil University and equipments sharing between institutes.</p>
Outcome	<ol style="list-style-type: none"> 1. Students and faculty will understand importance of research projects, incubation. 2. Students and faculty will understand importance of funding proposals, research papers publication in peer reviewed journals, start ups, center of excellence, and innovation center in academic institutes. 3. Students and faculty will get familiar with research equipments in both the institute for project and research work.
Impact	1. Students and faculty understand importance of importance of research projects, incubation.

	2. Students and faculty understand importance of funding proposals, research papers publication in peer reviewed journals, start ups, center of excellence, and innovation center in academic institutes. 3. Students and faculty got familiar partially with research equipments in both the institute for project and research work.
CO / PO / PSO Mapping	PO3, PO4, PO 11, PO12
No. of Students / Faculty benefited	3 faculty/ 12 students

Glimpse

Meeting with Dr. C. D. Lokhande, Director research, D. Y. Patil University, Kolhapur for Collaborative Projects, Funding Proposals, Consultancy Related Collaborative Work

18th September 2021



Faculty Coordinator

Dean R & D

Title of Activity: Meetings and Presentation with Dr. Sanjay M. Mahajani, IIT-Bombay, for Collaborative Project Work (RGSTC funded) of Students and Faculty in Jaggary Research Center, Kolhapur

Title	Meetings and Presentation with Dr. Sanjay M. Mahajani, IIT-Bombay, for Collaborative Project Work (RGSTC funded) of Students and Faculty in Jaggary Research Center, Kolhapur
Date	21 st September 2021
Name of Resource Person	Dr. Sanjay M. Mahajani, Professor, Department of Chemical Engineering, IIT-Bombay, Mumbai
Name of Faculty Coordinator	Dr. A.L. Jadhav, , Dr. Kiran Mane,
Name of Student Coordinator	-
Venue	Jaggary research center, Jadhav wadi, Market yard, Kolhapur.
Objectives	To Start collaborative research work like project, funding proposals, research papers publication for students and faculty of our college in various branches.
Description	<p>Research and Development cell of DYPCET trying to expose faculty and students of our college to research environment by doing MoUs, collaborative research work like projects, funding proposals, research papers publication, product development and start ups. Hence for the same reason and to promote research culture in students and faculty, our dean R and D Dr. Amarsinh L. Jadhav, with senior member from our R and D cell, Dr Kiran Mane with students of chemical, civil engineering visited RGSTC funded research project of IIT Bombay in Jaggary research center, Jadhavwadi, Kolhapur.</p> <p>In this meeting, we meet Dr. Sanjay M. Mahajani, Project coordinator and professor, department of chemical engineering, IIT Bombay, Mumbai and his research team of IIT Bombay with our college students. In this meeting, he has given projects to our chemical, mechanical, civil engineering students on topics of his projects in Jaggary research center and Government polytechnic, Kolhapur. He has also assured our faculty and students for collaborative research papers publication renowned journals.</p>
Outcome	<ol style="list-style-type: none"> 1. Students and faculty will understand importance of research projects, incubation. 2. Students and faculty will understand importance of funding proposals, research papers publication in peer reviewed journals, product development, start ups, and innovation center in academic institutes. 3. Students and faculty will get interacted with IIT Bombay, faculty, research scholar for quality improvement in research culture in college.
Impact	1. Students and faculty understand importance of importance of research projects, incubation.

	2. Students and faculty understand importance of funding proposals, research papers publication in peer reviewed journals, start ups, center of excellence, and innovation center in academic institutes. 3. Students and faculty got interacted with IIT Bombay, faculty, research scholar for quality improvement in research culture in college.
CO / PO / PSO Mapping	PO3, PO4, PO 11, PO12
No. of Students / Faculty benefited	3 faculty/ 11 students

Glimpse

**Meetings and Presentation with Dr. Sanjay M. Mahajani, IIT-Bombay, for Collaborative Project Work (RGSTC funded) of Students and Faculty in Jaggary Research Center, Kolhapur
21st September 2021**



Faculty Coordinator

Dean R & D

Title of Activity: **Meeting with Mrs. Kadambari Balkavade, Commissioner, KMC for Projects, Consultancy related Collaborative Research Work**

Title	Meeting with Mrs. Kadambari Balkavade, Commissioner, KMC for Projects, Consultancy related Collaborative Research Work
Date	23 rd September 2021
Name of Resource Person	Mrs. Kadambari Balkavade, Commissioner, Kolhapur Municipal Corporation, Kolhapur
Name of Faculty Coordinator	Dr. A.L. Jadhav, ,
Name of Student Coordinator	-
Venue	Commissioner cabin, Kolhapur Municipal Corporation, Kolhapur
Objectives	Students and faculty will start collaborative research work, projects for the benefits of society, consultancy work, waste land development project by our architecture department, and training of KMC staff by our college
Description	<p>Research and Development cell of DYPCET trying to expose faculty and students of our college to research environment by doing MoUs, collaborative research work like projects, funding proposals, research papers publication, product development and start ups. T</p> <p>In this regard, we meet Mrs. Kadambari Balkavade, Commissioner, Kolhapur Municipal Corporation, Kolhapur along with team of our college. In this meeting our Dr. Anilkumar Gupta gave detail information about our DYP group, college to commissioner and KMC team. He requested Mrs. Balkavade for collaborative research work, projects for the benefits of society, consultancy work, waste land development by our architecture department, computer related training for KMC staff by our college. After this meeting, as per instructions from Mrs. Balkavade, we have given letters regarding same topics. Mr. Nitinji Deasai, additional commissioner, Kolhapur Municipal Corporation, Kolhapur helped us lot for arrangement of this meeting.</p> <p>This meeting was coordinated by Dr. Amarsinh L. Jadhav, Dean R and D in the presence of Dr. Santosh Chede, Principal, Mrs. Shreelekha Satham, Head HR, DYP group, Dr. Abhay Joshi, Dr Sunil Raikar, Head of civil and mechanical departments.,</p>
Outcome	<ol style="list-style-type: none"> 1. Students and faculty will start collaborative research work, projects for the benefits of society 2. Students and faculty will start consultancy work, waste land development project by our architecture department, training of KMC staff by our college 3. Our college will prepare to take computer related training for KMC staff

Impact	1. Students and faculty started consultancy work with KMC 2. Students and faculty of our architecture department started waste land development project by 3. Students and faculty understand importance of creativity, innovation cycle, and incubation center model for academic institute for quality improvement.
CO / PO / PSO Mapping	PO3, PO4, PO 11, PO12
No. of Students / Faculty benefited	8 faculty

Glimpse

Meeting with Mrs. Kadambari Balkavade, Commissioner, KMC for Projects, Consultancy related Collaborative Research Work 23rd September 2021



Faculty Coordinator

Dean R & D

Title of Activity: **Meetings and Presentation with Mr. Suryakant Dodmise, CEO SIBIC, Kolhapur with principal Dr S. D. Chede and R and D team for incubation center in our College**

Title	Meetings and Presentation with Mr. Suryakant Dodmise, CEO SIBIC, Kolhapur with principal Dr S. D. Chede and R and D team for incubation center in our College
Date	9 th September 2021
Name of Resource Person	Dr. Sanjay M. Mahajani, Professor, Department of Chemical Engineering, IIT-Bombay, Mumbai
Name of Faculty Coordinator	Dr. A.L. Jadhav, , Dr. Kiran Mane,
Name of Student Coordinator	-
Venue	Principal cabin, DYPCET, Kolhapur
Objectives	To make aware and motivate research and development cell members about importance of incubation, innovation center, its requirement, product development, start ups in academic institute..
Description	<p>Research and Development cell of DYPCET organized Webinar on this important topic “Design Thinking for Innovative Mindset-Case Study & Training” for faculty and Students of all the branches and nearby colleges.</p> <p>Seminar was conducted by renowned speaker, Prof. Suryakant Dodmise, Incubation Manager RIT-TBI, CEO SIBIC, Kolhapur on 1st July 2021 following points are focused by Prof. Suryakant Dodmise in his seminar,</p> <ol style="list-style-type: none"> 1) Importance of design thinking for innovative mindset with case study. 2) Need of incubation, for project work 3) Product development from students’ projects. 4) Importance of start ups, center of excellence, innovation center in academic institute. 5) He guided about creativity, innovation cycle in detail. 6) Provided key points about incubation center model for academic institute for quality improvement. <p>Seminar was attended by more than 70 faculty and students from different colleges.</p>
Outcome	<ol style="list-style-type: none"> 1. Students and faculty will understand importance of design thinking for innovative mindset with case study. 2. Students and faculty will understand importance of need of incubation, for project work, start ups, center of excellence, and innovation center in academic institute. 3. Students and faculty will understand importance of creativity, innovation cycle, incubation center model for academic institute for quality

	improvement.
Impact	<ol style="list-style-type: none"> 1. Students and faculty understand importance of importance of design thinking for innovative mindset with case study. 2. Students and faculty understand importance of of need of incubation, for project work, start ups, center of excellence, and innovation center in academic institute. 3. Students and faculty understand importance of creativity, innovation cycle, and incubation center model for academic institute for quality improvement.
CO / PO / PSO Mapping	PO3, PO4, PO 11, PO12
No. of Students / Faculty benefited	12 faculty

Glimpse

Meetings and Presentation with Mr. Suryakant Dodmise, CEO SIBIC, Kolhapur with principal Dr S. D. Chede and R and D team for incubation center in our College 9th September 2021



Faculty Coordinator

Dean R & D

Title of Activity: MoU between DYP CET, Kolhapur and SIBIC, Kolhapur for Incubation, Innovation and Start up

Title	MoU between DYP CET, Kolhapur and SIBIC, Kolhapur for Incubation, Innovation and Start up
Date	20 th August 2021
Name of Resource Person	Prof. Suryakant Dodmise, , CEO SIBIC, Kolhapur Mr. Sachin Kumbhoje, director, SIBIC, Kolhapur
Name of Faculty Coordinator	Dr. A.L. Jadhav, ,
Name of Student Coordinator	-
Venue	Board room, DYP CET, Kolhapur
Objectives	To aware faculty and students about incubation, Product development, start ups and to start incubation center in our college.
Description	<p>Research and Development cell of DYP CET has made memorandum of understanding, MoU with SIBIC, Kolhapur on 20th August 2021 in board room of our college. This MOU will help our college students and faculty for incubation, product development, and start ups and to start incubation center in our college.</p> <p>During this MOU, Prof. Dr. Anilkumar Gupta, executive director, D. Y. Patil group, Prof. Dr. Santosh Chede, Principal, Prof. Dr. Kshama Kulhalli, Dean III, Dr. Amarsinh Jadhav, Dean R and D, Mr. Sudarshan Sutar, TPO, DYP CET, Kolhapur were present where as from SIBIC, Kolhapur Prof. Suryakant Dodmise, , CEO, Mr.. Sachin Kumbhoje, director, SIBIC, Kolhapur were present.</p> <p>Following points are focused in this MOU,</p> <ol style="list-style-type: none"> 1) To start incubation center in college 2) To help and guide funding Proposals in college. 3) Product development from students' projects. 4) Start ups, center of excellence, innovation center in college 5) Workshops, FDP and seminars for students. <p>This activity was coordinated by Dr. Amarsinh Jadhav, Dean R and D, DYP CET, Kolhapur</p>
Outcome	<ol style="list-style-type: none"> 1. Students and faculty will understand importance incubation center in college 2. Students and faculty will understand importance of need of incubation, for project work, start ups, center of excellence, and innovation center in academic institute. 3. Students and faculty will understand importance of product development, creativity, innovation cycle, incubation center model for academic institute for quality improvement.

Impact	<ol style="list-style-type: none"> 1. Students and faculty understand importance of importance of incubation center in college 2. Students and faculty understand importance of need of incubation, for project work, start ups, center of excellence, and innovation center in academic institute. 3. Students and faculty understand importance of product development, creativity, innovation cycle, and incubation center model for academic institute for quality improvement.
CO / PO / PSO Mapping	PO3, PO4, PO 11, PO12
No. of Students / Faculty benefited	Faculty & students

Glimpse

MOU With SIBIC, Kolhapur for Incubation, Start Up and Product Development 20th August 2021



Faculty Coordinator

Dean R & D

Title of Activity: **Webinar cum training on ‘Emerging Trends in IP, Patent: A Vehicle of Promoting Research and Innovation’**

Title	Emerging Trends in IP, Patent: A Vehicle of Promoting Research and Innovation
Date	10 th November 2021, Wednesday
Name of Resource Person	Dr. Vishal Anand, Head, IPR, Reliance Industries Ltd., Mumbai
Name of Faculty Coordinator	, Dr. A. L. Jadhav, Dr. Kiran Mane, Dr. Mahesh Shelar, Mr. Rahul Ghatage, Mr. Sunil Kumbhar
Name of Student Coordinator	----
Venue	Online from D. Y. Patil College of Engineering & Technology, Kolhapur
Objectives	<ol style="list-style-type: none"> 1. To make the faculty familiar with IPR and its legal aspects. 2. To make the faculty familiar with role of patent, IPR in applied research and innovation. 3. To motivate all faculty of our college for IPR, patent writing.
Description	<p>Dr. Vishal Anand, Head, IPR, Reliance Industries Ltd., Mumbai conducted one day workshop on Emerging Trends in IP, Patent: A Vehicle of Promoting Research and Innovation.</p> <p>In this workshop he guided present faculty, students of our and other colleges from all over India about</p> <ol style="list-style-type: none"> 1, Difference between property and assets, patent filing trend in world, 2. Patentability criteria, role of patent, IPR in research, 3. Role of academia in making India self reliant, 4. Different steps in patent filing, publishing & granting. 5. Supporting policies by Indian government for IPR, Patent <p>He also explained in detail IPR, copyright, legal aspects of IPR and motivated faculty for writing patents. He also satisfied many queries of present faculty related to patent. This workshop was coordinated by R and D cell of College.</p>

Outcome	<p>1. Faculty became familiar with IPR and its legal aspects</p> <p>2. Faculty became familiar with role of patent, IPR in applied research and innovation.</p> <p>.3. Faculty of our college got motivated for IPR, patent writing.</p>
Impact	<p>Faculty got knowledge of IPR and its legal aspects, different steps in patent filing, publishing, role of patent, IPR in applied research and innovation.</p> <p>& granting also got motivated for IPR, patent writing.</p>
CO / PO / PSO Mapping	PO4, PO11
No. of Students / Faculty benefited	79 faculty

Glimpses



Dr. Vishal Anand, Head, IPR, Reliance Industries Ltd., Mumbai guiding faculty, students of our and other colleges on ‘Emerging Trends in IP, Patent: A Vehicle of Promoting Research and Innovation’

Faculty Coordinator

Dean R & D

Title of Activity: **Meetings and Presentation with Dr. Sanjay M. Mahajani, IIT-Bombay, for Collaborative Project Work (RGSTC funded) of Students and Faculty in Government polytechnic, Kolhapur on foundry waste reclamation**

Title	Meetings and Presentation with Dr. Sanjay M. Mahajani, IIT-Bombay, for Collaborative Project Work (RGSTC funded) of Students and Faculty in Government polytechnic, Kolhapur
Date	21 st November 2021
Name of Resource Person	Dr. Sanjay M. Mahajani, Professor, Department of Chemical Engineering, IIT-Bombay, Mumbai
Name of Faculty Coordinator	Dr. A.L. Jadhav, , Dr. Kiran Mane,
Name of Student Coordinator	-
Venue	Government polytechnic, Kolhapur.
Objectives	To Start collaborative research work like project, funding proposals, research papers publication for students and faculty of our college in various branches.
Description	Research and Development cell of DYPCET trying to expose faculty and students of our college to research environment by doing MoUs, collaborative research work like projects, funding proposals, research papers publication, product development and start ups. Hence for the same reason and to promote research culture in students and faculty, our dean R and D Dr. Amarsinh L. Jadhav, with senior member from our R and D cell, Dr Kiran Mane with students of chemical, civil and mechanical engineering visited RGSTC funded research project of IIT Bombay on foundry sand waste reclamation in Government polytechnic, Kolhapur. In this meeting, we meet Dr. Sanjay M. Mahajani, Project coordinator and professor, department of chemical engineering, IIT Bombay, Mumbai and his research team of IIT Bombay with our college students. In this meeting, he has given projects to our chemical, mechanical, civil engineering students on topics of his projects in foundry sand waste reclamation in Government polytechnic, Kolhapur. He has also assured our faculty and students for collaborative research papers publication renowned journals.
Outcome	<ol style="list-style-type: none"> 1. Students and faculty will understand importance of society based research projects, incubation.. 2. Students and faculty will understand importance of funding proposals, research papers publication in peer reviewed journals, product development, start ups, and innovation center in academic institutes. 3. Students and faculty will get interacted with IIT Bombay, faculty, research scholar for quality improvement in research culture in college.
Impact	1. Students and faculty understand importance of importance of society based research projects, incubation.

	2. Students and faculty understand importance of funding proposals, research papers publication in peer reviewed journals, start ups, center of excellence, and innovation center in academic institutes. 3. Students and faculty got interacted with IIT Bombay, faculty, research scholar for quality improvement in research culture in college.
CO / PO / PSO Mapping	PO3, PO4, PO 11, PO12
No. of Students / Faculty benefited	2 faculty/ 09 students

Glimpse

**Meetings and Presentation with Dr. Sanjay M. Mahajani, IIT-Bombay, for Collaborative Project Work (RGSTC funded) of Students and Faculty in Jaggary Research Center, Kolhapur
21st September 2021**



Faculty Coordinator

Dean R & D

Title of Activity: MoU between DYPCET, Kolhapur and RIT Sakhrle, Islampur for Incubation, Innovation and Start up and research activities

Title	MoU between DYPCET, Kolhapur and RIT Sakhrle, Islampur for Incubation, Innovation and Start up and research activities
Date	1 st December 2021
Name of Resource Person	Dr. Jyoti Jadhav, Shivaji University, Kolhapur Dr. Sushma Kulkarni , Director RIT, Sakhrle, Islampur Dr. Sachin Patil, Dean Academics, RIT, Sakhrle, Islampur Dr. Anand Kakade, Dean R and D, RIT, Sakhrle, Islampur
Name of Faculty Coordinator	Dr. A.L. Jadhav, ,
Name of Student Coordinator	-
Venue	Auditorium , RIT, Sakhrle, Islampur
Objectives	To aware and support faculty and students about incubation, product development, start ups, other research activities and to start incubation center in our college.
Description	<p>Research and Development cell of DYPCET has made memorandum of understanding, MoU with RIT, Sakhrle, Islampur on 1st December 2021 in auditorium of RIT, Sakhrle, Islampur.. This MOU will help our college students and faculty for incubation, product development, start ups, other research activities and to start incubation center in our college.</p> <p>During this MOU, Prof. Dr. Anilkumar Gupta, executive director, D. Y. Patil group, Prof. Dr. Santosh Chede, Principal, , Dr. Amarsinh Jadhav, Dean R and D, DYPCET, Kolhapur were present where as from RIT, Sakhrle, Islampur, Dr. Sushma Kulkarni , Director RIT, Sakhrle, Islampur, Dr. Sachin Patil, Dean Academics, RIT, Sakhrle, Islampur, Dr. Anand Kakade, Dean R and D, RIT, Sakhrle, Islampur were present. Dr. Jyoti Jadhav, Shivaji University, Kolhapur guide all present during this session.</p> <p>Following points are focused in this MOU,</p> <ol style="list-style-type: none"> 1) To start incubation center in college 2) To help and guide funding Proposals in college. 3) Product development from students' projects. 4) Start ups, center of excellence, innovation center in college 5) Collaborative workshops, FDP and seminars for students. 6) Other collaborative research activities <p>This activity was coordinated by Dr. Amarsinh Jadhav, Dean R and D, DYPCET, Kolhapur</p>
Outcome	<ol style="list-style-type: none"> 1. Students and faculty will understand and get benefited incubation center in college 2. Students and faculty will understand and get benefited by incubation, for

	<p>project work, start ups, center of excellence, and innovation center in academic institute.</p> <p>3. Students and faculty will understand and get benefited by product development, creativity, innovation cycle, and other research activities for academic institute for quality improvement.</p>
Impact	<p>1. Students and faculty understand and get benefited by incubation center in college</p> <p>2. Students and faculty understand and get benefited by incubation, for project work, start ups, center of excellence, and innovation center in academic institute.</p> <p>3. Students and faculty understand and get benefited by product development, creativity, innovation cycle, and other research activities for academic institute for quality improvement.</p>
CO / PO / PSO Mapping	PO3, PO4, PO 11, PO12
No. of Students / Faculty benefited	3 Faculty

Glimpse



MoU between DYPCET, Kolhapur and RIT Sakhrle, Islampur for Incubation, Innovation and Start up and research activities

Faculty Coordinator

Dean R & D

Title of Activity: **Meeting with Mr.Maruti Khadake, regional manager, Reliance foundation, Mumbai for collaborative projects, Funding Proposals, consultancy related collaborative Work and CSR funding**

Title	Meeting with Mr.Maruti Khadake, regional manager, Reliance foundation, Mumbai for collaborative projects, Funding Proposals, consultancy related collaborative Work and CSR funding
Date	27 th October 2021
Name of Resource Person	Mr.Maruti Khadake, regional manager, Reliance foundation, Mumbai
Name of Faculty Coordinator	Dr. A.L. Jadhav, , Dr. Mahesh Shelar,
Name of Student Coordinator	-
Venue	Dean R and D cabin, DYPCET, Kolhapur
Objectives	To make aware and motivate the faculty, students about collaborative projects, Funding Proposals, consultancy related collaborative work and to fetch CSR funding for institute..
Description	<p>Research and Development cell of DYPCET organized Webinar on this important topic “Design Thinking for Innovative Mindset-Case Study & Training” for faculty and Students of all the branches and nearby colleges.</p> <p>Seminar was conducted by renowned speaker, Prof. Suryakant Dodmise, Incubation Manager RIT-TBI, CEO SIBIC, Kolhapur on 1st July 2021 following points are focused by Prof. Suryakant Dodmise in his seminar,</p> <ol style="list-style-type: none"> 1) Importance of design thinking for innovative mindset with case study. 2) Need of incubation, for project work 3) Product development from students’ projects. 4) Importance of start ups, center of excellence, innovation center in academic institute. 5) He guided about creativity, innovation cycle in detail. 6) Provided key points about incubation center model for academic institute for quality improvement. <p>Seminar was attended by more than 70 faculty and students from different colleges.</p>
Outcome	<ol style="list-style-type: none"> 1. Students and faculty will understand importance of design thinking for innovative mindset with case study. 2. Students and faculty will understand importance of need of incubation, for project work, start ups, center of excellence, and innovation center in academic institute. 3. Students and faculty will understand importance of creativity, innovation cycle, incubation center model for academic institute for quality

	improvement.
Impact	<ol style="list-style-type: none"> 1. Students and faculty understand importance of importance of design thinking for innovative mindset with case study. 2. Students and faculty understand importance of of need of incubation, for project work, start ups, center of excellence, and innovation center in academic institute. 3. Students and faculty understand importance of creativity, innovation cycle, and incubation center model for academic institute for quality improvement.
CO / PO / PSO Mapping	PO3, PO4, PO 11, PO12
No. of Students / Faculty benefited	2 faculty

Glimpse

**Meeting with Mr. Maruti Khadake, Regional Manager, Reliance Foundation, Mumbai for Collaborative Projects, Research Related Collaborative Work and CSR Funding
25th October 2021**



Faculty Coordinator

Dean R & D

Title of Activity: **Seminar on “Different funding agencies in India and abroad & funding proposal writing”** by Prof. C. D. Lokhande, director research, D Y Patil university, Kolhapur

Title	Seminar on “Different funding agencies in India and abroad & funding proposal writing”
Date	1 st January 2022, Saturday
Name of Resource Person	Prof. C. D. Lokhande, director research, D Y Patil university, Kolhapur
Name of Faculty Coordinator	, Dr. A. L. Jadhav, Dr. Kiran Mane, Dr. Mahesh Shelar, Mrs. Supriya Patil
Name of Student Coordinator	----
Venue	Seminar Hall, D. Y. Patil College of Engineering & Technology, Kolhapur
Objectives	<ol style="list-style-type: none"> 1. To make the faculty familiar with different funding agencies in India & abroad. 2. To make the faculty familiar with funding proposal writing techniques 3. To motivate all faculty of our college for funding proposal writing to Govt. agencies..
Description	<p>Prof. C. D. Lokhande, director research, D Y Patil university, Kolhapur conducted seminar on “Different funding agencies in India and abroad & funding proposal writing”.</p> <p>In this seminar he guided present faculty, students of our college about,</p> <ol style="list-style-type: none"> 1, Different funding agencies in India, 2. different funding agencies in abroad, 3. Techniques to write funding proposal for Govt. agencies, 4. Reasons for rejection of funding proposal. 5. Supporting information & documents require for writing funding proposal for Govt. agencies <p>He also explained in detail about content of funding proposal with its sub points and style. He motivated faculty for writing funding proposals for Govt. agencies. He also satisfied many queries of present faculty related to funding proposal. This 3 hour workshop was coordinated by R and D cell</p>

	of College.
Outcome	1. Faculty became familiar with different funding agencies in India & abroad. 2. Faculty became familiar with funding proposal writing techniques. .3. Faculty of our college got motivated for funding proposal writing to Govt. agencies.
Impact	Faculty got knowledge of different funding agencies in India & abroad. , funding proposal writing techniques, reasons for rejection of funding proposal & granting also got motivated for funding proposal writing to Govt. agencies.
CO / PO / PSO Mapping	PO4, PO9
No. of Students / Faculty benefited	49 faculty

Glimpses



Prof. C. D. Lokhande, director research, D Y Patil university, Kolhapur guiding faculty, students of our on topic “Different funding agencies in India and abroad & funding proposal writing”.

Faculty Coordinator

Dean R & D

Title of Activity: **Seed funding proposal presentation for faculty of D Y Patil College of Engineering & Technology, Kolhapur for the year 2021-22**

Title	Seed funding proposal presentation for faculty of D Y Patil College of Engineering & Technology, Kolhapur for the year 2021-22
Date	21 st January 2022, Friday
Name of Resource Person	Prof. C. D. Lokhande, director research, D Y Patil university, Kolhapur
Name of Faculty Coordinator	, Dr. A. L. Jadhav, Dr. Kiran Mane, Dr. Mahesh Shelar, Mrs. Supriya Patil
Name of Student Coordinator	----
Venue	Seminar Hall, D. Y. Patil College of Engineering & Technology, Kolhapur
Objectives	<ol style="list-style-type: none"> 1. To make the faculty familiar with funding proposal writing techniques 2. To motivate the faculty for multi disciplinary research work and projects. 3. To motivate all faculty of our college for funding proposal writing to Govt. agencies.
Description	<p>Presentation of seed funding was completed on 21/01/2022 under the expert Dr. C. D. Lokhande, Executive director Dr. A. K Gupta, Principal Dr. S.D.Chesde, the details of program is as follows ,</p> <ol style="list-style-type: none"> 1.Started time at 10: 30 am with presence of expert Dr C. D. Lokhande 2.All department presentation was completed as per schedule 3.Prof. I S Jadhav from Architecture presented the work on Leakage Scanner confidently 4.Dr. Amarsinh L. Jadhav and Dr. K. T. Jadhav from chemical department presented the work on Manufacturing of Diesel from Waste Plastic Pyrolysis using Different Novel Heterogeneous Catalysts confidently 5.Mr. Amit R. Patil, Dr. K M Mane from civil department presented the work on To study the effect of Nano silica and fly ash on mechanical and durability properties of concrete confidently 6.Dr. Sandip S. Sathe from civil engineering presented the work on Water quality indexing of industrial, residential and nearby village area of Kolhapur city confidently 7.Mr.Sunny B. Mohite from CSE department presented the work on Cloud Lab confidently 8. Mrs. Aarti A. Chavan, Dr. Y. M. Patil from E&TC presented the work on Deep Neural Network based Soil Nitrogen, Phosphorus and

	<p>Potassium Estimation using Infrared Spectroscopy confidently</p> <p>9.Mr. V.I. Pasare from mechanical department presented work on To design and develop an highly efficient UAV propelled by Turbojet engine confidently</p> <p>10.Dr. M. B. Shelar from physics department presented work on Synthesis, Characterization and Study of $Mn_{1-x}Zn_xFe_2O_4$ for microwave absorbing materials and Super Capacitive applications confidently</p> <p>11.Mrs. A. R. Chavan from CSE department presented work on Lesion detector confidently</p> <p>12.Total nine presentations was completed under expert observations</p> <p>13.Question and answering sections was nicely conducted for each presentations</p> <p>14.Evaluation of project presentation was done by expert on basis of</p> <ol style="list-style-type: none"> a) Novelty of project b) Purpose of research c) Type of work d) Application of work to society e) Outcome of project f) Benefit of research work to institute
Outcome	<ol style="list-style-type: none"> 1. Faculty became familiar with funding proposal writing techniques. 2. Faculty became familiar with multi disciplinary research work and projects. .3. Faculty of our college got motivated for funding proposal writing to Govt. agencies.
Impact	Faculty got knowledge of funding proposal writing techniques, multi disciplinary research work and projects also got motivated for funding proposal writing to Govt. agencies.
CO / PO / PSO Mapping	PO4, PO9
No. of Students / Faculty benefited	21 faculty

Glimpses



Prof. C. D. Lokhande, director research, D Y Patil university, Kolhapur judging seed funding proposal of faculty of our college

Faculty Coordinator

Dean R & D

Title of Activity: **Project grant for college students (PGCS- 2021-22) presentations for funding to final year students of college**

Title	Project grant for college students (PGCS- 2021-22) presentations for funding to final year students of college
Date	24 th February 2022, Thursday
Name of Resource Persons	Mr. Abhijeet Sangrulkar, director, Sona Chem industries Pvt. Ltd., Kolhapur Mr. Pradeep Koravi, Sr. software developer, Mouritech Pvt. Ltd., Kolhapur Mr. Sudhir Desai, Shivaji University, Kolhapur
Name of Faculty Coordinator	, Dr. A. L. Jadhav, Mr. Amit Patil, Mrs. Supriya Patil
Name of Student Coordinator	----
Venue	Seminar Hall and respective departmental computer laboratories, D. Y. Patil College of Engineering & Technology, Kolhapur
Objectives	<ol style="list-style-type: none"> 1. To make the students aware about modifications in their project work done so far. 2. To motivate the students for multi disciplinary research work and industrial, society based projects. 3. To motivate all students of all branches of our college for funding, product development & start ups..
Description	<p>Presentation of project grant for college students (PGCS 2021-22I) was conducted on 24th February 2022, Thursday in the presence of experts from various industries and academic institutes, the details of activity is as follows ,</p> <ol style="list-style-type: none"> 1, Activity started at 10: 00 am in the presence of experts & Dr S. D. Chede, principal, DYPCET, Kolhapur 2. All department presentation was completed as per schedule in the presence of experts for respective departments. 3. This activity was inaugurated by Dr S. D. Chede, principal, DYPCET, Kolhapur and in presence of 6 experts from various industries and academic institutes. 4. PGCS 2021-22 activity was coordinated by Mr. Amit patil, Dr. Amarsinh L. Jadhav and Mrs. Supriya Patil from R and D team. 5. In this PGCS 2021-22, total 26 students project groups from different departments presented their project work done so far. 6. Experts of respective departments has given valuable inputs to students for project work completed and also motivated students by

	<p>giving suggestions for future project work for especially publication, product development and start ups.</p> <p>7. Evaluation of project presentation was done by expert on basis of</p> <ol style="list-style-type: none"> Novelty of project Purpose of research Type of work Application of work to society Outcome of project
Outcome	<p>1. Students became students aware about modifications in their project work done so far.</p> <p>2. Students became familiar with multi disciplinary research work and industrial, society based projects.</p> <p>.3. Students of our college got motivated for funding, product development & start ups</p>
Impact	<p>Students got knowledge about modifications in their project work done so far., became familiar with multi disciplinary research work and industrial, society based projects, for funding, product development & start ups.</p>
CO / PO / PSO Mapping	<p>PO4, PO9</p>
No. of Students / Faculty benefited	<p>71 final year students</p>

Glimpses



Prof. S. D. Chede, Principal, DYPCET, Kolhapur addressing students and faculty of our college during inauguration of PGCS 2021-22

Faculty Coordinator

Dean R & D

Title of Activity: Seed funding proposal presentation for faculty of D Y Patil College of Engineering & Technology, Kolhapur for the year 2021-22

Title	Short listed Seed funding proposals presentation for faculty of D Y Patil College of Engineering & Technology, Kolhapur for the year 2021-22
Date	19 th March 2022, Saturday
Name of Resource Person	Prof. C. D. Lokhande, director research, D Y Patil university, Kolhapur
Name of Faculty Coordinator	, Dr. A. L. Jadhav, Dr. Kiran Mane
Name of Student Coordinator	----
Venue	Seminar Hall, D. Y. Patil College of Engineering & Technology, Kolhapur
Objectives	<ol style="list-style-type: none"> 1. To make the faculty familiar with funding proposal writing techniques 2. To motivate the faculty for multi disciplinary research work and projects. 3. To motivate all faculty of our college for funding proposal writing to Govt. agencies.
Description	<p>Presentation of seed funding was completed on 21/01/2022 under the expert Dr. C. D. Lokhande, Executive director Dr. A. K Gupta, Principal Dr. S.D.Chesde, the details of program is as follows ,</p> <ol style="list-style-type: none"> 1.Started time at 10: 30 am with presence of expert Dr C. D. Lokhande 2.All department presentation was completed as per schedule 3.Prof. I S Jadhav from Architecture presented the work on Leakage Scanner confidently 4.Dr. Amarsinh L. Jadhav and Dr. K. T. Jadhav from chemical department presented the work on Manufacturing of Diesel from Waste Plastic Pyrolysis using Different Novel Heterogeneous Catalysts confidently 5.Mr. Amit R. Patil,Dr. K M Mane from civil department presented the work on To study the effect of Nano silica and fly ash on mechanical and durability properties of concrete confidently 6.Dr. Sandip S. Sathe from civil engineering presented the work on Water quality indexing of industrial, residential and nearby village area of Kolhapur city confidently 7.Mr.Sunny B. Mohite from CSE department presented the work on Cloud Lab confidently 8. Mrs. Aarti A. Chavan, Dr. Y. M. Patil from E&TC presented the work on Deep Neural Network based Soil Nitrogen, Phosphorus and

	<p>Potassium Estimation using Infrared Spectroscopy confidently</p> <p>9.Mr. V.I. Pasare from mechanical department presented work on To design and develop an highly efficient UAV propelled by Turbojet engine confidently</p> <p>10.Dr. M. B. Shelar from physics department presented work on Synthesis, Characterization and Study of $Mn_{1-x}Zn_xFe_2O_4$ for microwave absorbing materials and Super Capacitive applications confidently</p> <p>11.Mrs. A. R. Chavan from CSE department presented work on Lesion detector confidently</p> <p>12.Total nine presentations was completed under expert observations</p> <p>13.Question and answering sections was nicely conducted for each presentations</p> <p>14.Evaluation of project presentation was done by expert on basis of</p> <ol style="list-style-type: none"> Novelty of project Purpose of research Type of work Application of work to society Outcome of project Benefit of research work to institute
Outcome	<ol style="list-style-type: none"> 1. Faculty became familiar with funding proposal writing techniques. 2. Faculty became familiar with multi disciplinary research work and projects. .3. Faculty of our college got motivated for funding proposal writing to Govt. agencies.
Impact	Faculty got knowledge of funding proposal writing techniques, multi disciplinary research work and projects also got motivated for funding proposal writing to Govt. agencies.
CO / PO / PSO Mapping	PO4, PO9
No. of Students / Faculty benefited	21 faculty

Glimpses



Prof. C. D. Lokhande, director research, D Y Patil university, Kolhapur judging seed funding proposal of faculty of our college

Faculty Coordinator

Dean R & D