



DTE Code: EN4139

Samridhi Sarwajanik Charitable Trust's  
**JHULELAL INSTITUTE OF TECHNOLOGY**

An Autonomous Institute affiliated to RTM Nagpur University

**Project Based Learning Cell**

Off Koradi Road, Lonara, Nagpur - 441111.

E-Mail ID : admin@jitnagpur.edu.in Website : www.jitnagpur.edu.in



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**Vision-** To become an eminent institution through knowledge and research.

**Mission-** 1. To produce world class engineers with academic and moral excellence who are not only equipped with cutting edge technology skills but also possess immense sense of social responsibility.

2. To inculcate awareness and acceptance of ethical values through co-curricular activities for overall skill development of students.

**Types of Projects (UG/PG)**

Sr. No.	Program	Class	Project type
1	UG	First Year	Hobby/Capstone Project
		Second Year	PBL (Community service projects from each department)
		Third Year	Mini Project
		Final Year	Major Project
2	PG (MBA)	Final Year	Major Project
3	PG (CSE)	Final Year	Major Project
4	PG VLSI)	Final Year	Major Project

**Category of Projects:**

Category	Percentage
(a) Innovative Product Development Projects for <b>Hackathon</b>	20%
(b) Inter-Disciplinary / Multi-Disciplinary Projects	20%
(c) Rural Sector / Agro-Sector Based Projects	20%
(d) Projects of Societal Importance/Green Initiative	20%
(E) Project on college defined problem statement	10%
(F) Extension of old project	10%

**Prof. Sandeep A. Kale**  
PBL Coordinator

**Dr. Narendra Bawane**  
Principal



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**PROPOSED PLAN FOR MAJOR PROJECTS (Final Year Students)****SESSION 2025-26**

Sr. No.	Particulars	Proposed Time slot
1	Finalization of students Projects groups, Topics/Title and Guide with respect to Thrust area/Domain. (Department level)	ODD Academic session <b>01/07/2025 to 07/07/2025</b>
2	Discussion/Seminar for students (project guidelines, schedule, marking scheme, Industry linkage simulation & hardware is to be discussed)	<b>14/07/2025 to 19/07/2025</b>
3	Discussion & Finalization of Projects title with Principal, Vice-Principal & Dean Academics	<b>14/07/2025 to 19/07/2025</b>
4	Introductory Seminar (Department/Branch wise) for finalization of title	<b>21/07/2025 to 25/07/2025</b>
5	Final Synopsis submission	After <b>Introductory</b> seminar <b>28/07/2025 to 30/07/2025</b>
6	Progress Seminar (ODD Sem)	<b>25/09/2025 to 30/09/2025</b>
7	Final Phase I Project Seminar	<b>01/10/2025 to 10/10/2025</b>
8	Progress Seminar (EVEN Sem)	EVEN Academic session (Tentative) <b>20/01/2026 to 25/01/2026</b>
9	Pre submission Seminar	<b>10/03/2026 to 15/03/2026</b>
11	Final Submission Seminar	<b>15/04/2026 to 21/04/2026</b>
12	Paper Publication in Scopus/WOS/UGC care list ( <b>Final Paper</b> )	<b>Before 30/04/2026</b>
13	Project Completion (Hardware/software, Poster, Thesis, soft copy of all material including simulation/program and video of working project)	<b>26/04/2026 to 30/04/2026</b>
14	Prakalp (National Level Project competition/exhibition)	<b>In April/May (Tentative)</b>

**Note: 1. Even semester dates may be vary according to EVEN sem Academic Calendar.**

**2. As per plan the project title of each department should be verified and finalize through higher Authorities.**

**3. All project groups are expected to actively participate in the project competition (Outside & Inside).**

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## PROPOSED PLAN FOR CEP-PBL Project (Second Year Students)

### SESSION 2025-26

Sr. No.	Particulars	Proposed Time slot
1	Identification of students groups & topics and for CEP with respect to community based problem (Department wise)	<b>01/07/2025 to 07/07/2025</b>
2	Awareness & Demonstration about Project Based Learning process, guidelines, working models etc to students and staff.	<b>14/07/2025 to 19/07/2025</b>
3	Introductory Seminar (Department/Branch wise) for finalization of title	<b>21/07/2025 to 25/07/2025</b>
4	Final Synopsis submission	After <b>Introductory</b> seminar <b>28/07/2025 to 30/07/2025</b>
5	Progress Seminar- I	<b>25/08/2025 to 30/08/2025</b>
6	Progress Seminar- II	<b>15/09/2025 to 20/09/2025</b>
7	Project Completion Seminar (Submission of Projects/Working Models, Projects and Report)	<b>01/10/2025 to 10/10/2025</b>
8	Prakalp (National Level Project competition/exhibition)	<b>In April/May (Tentative)</b>

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**PROPOSED PLAN FOR M. Tech Project (Second Year Students)****SESSION 2025-26**

<b>Sr. No.</b>	<b>Particulars</b>	<b>Proposed Time slot</b>
1	Finalization of Students & Guides List for Projects with respect to Thrust area/Domain.	ODD Academic session <b>01/07/2025 to 07/07/2025</b>
2	Finalization of Project Topic and Title	<b>14/07/2025 to 19/07/2025</b>
3	Final Synopsis submission	<b>21/07/2025 to 25/07/2025</b>
4	Introductory Seminar (Discussion on Literature Survey)	<b>28/07/2025 to 30/07/2025</b>
5	Progress Seminar- I(Survey Paper)	<b>25/08/2025 to 30/08/2025</b>
6	Publication in SCI/ Scopus/WOS/UGC care list ( <b>Survey Paper</b> )	<b>Before 31/12/2025</b>
7	Submission of Project Report	<b>01/10/2025 to 10/10/2025</b>
8	Progress Seminar- II(EVEN Sem)	EVEN Academic session (Tentative) <b>03/02/2025 to 08/02/2025</b>
9	Pre submission Seminar	<b>10/03/2026 to 15/03/2026</b>
11	Final Submission Seminar	<b>15/04/2026 to 21/04/2026</b>
12	Publication in Scopus/WOS/UGC care list ( <b>Final Paper</b> )	<b>Before 30/04/2026</b>
13	Project Submission (Hardware/software, Poster, Thesis, soft copy of all material including simulation/program and video of working project)	<b>26/04/2026 to 30/04/2026</b>

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## PROPOSED MINI PROJECTS PLAN (Third Year Students)

SESSION 2025-26

Sr. No.	Particulars	Proposed Time slot
1	Finalization of students Projects groups, Topics/Title	01/01/2026 to 07/01/2026
2	Introductory Seminar	27/01/2026 to 31/01/2026
3	Progress Seminar	23/02/2026 to 28/02/2026
4	Pre submission Seminar	30/03/2026 to 04/04/2026
5	Project Submission (Hardware/software, Poster, Report)	16/04/2026 to 24/04/2026
6	Participation in Project competition/exhibition	In April 2026

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**PROPOSED PLAN (Capstone/Hobby Projects for First Year)**

**SESSION 2025-26**

Sr. No.	Particulars	Proposed Time slot
1	Finalization of students and Ideas (Topics/Title)	Start of <b>ODD</b> Academic session
2	Seminar for students regarding the <b>Capstone Project</b>	<b>Starting week</b> of Academic session
3	Introductory Seminar	After <b>finalization</b> of Innovative Idea
4	Progress Seminar	<b>Last week Every month</b>
5	Review of project activity	<b>Last week Every month</b>
6	Submission of Projects/Working Models, Case study and Report	End of <b>Even sem</b>
7	Exhibition of Ideas/Product	End of the <b>EVEN</b> Academic session

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**Status of the Work MAJOR PROJECTS (Final Year Students)**

Sr. No.	Particulars	Proposed Time slot	Status/Remark
1	Finalization of students Projects groups, Topics/Title and Guide with respect to Thrust area/Domain. (Department level)	ODD Academic session <b>01/07/2025 to 07/07/2025</b>	Done
2	Discussion/Seminar for students (project guidelines, schedule, marking scheme, Industry linkage simulation & hardware is to be discussed)	<b>14/07/2025 to 19/07/2025</b>	Done
3	Discussion & Finalization of Projects title with Principal, Vice- Principal & Dean Academics	<b>14/07/2025 to 19/07/2025</b>	Done
4	Introductory Seminar (Department/Branch wise) for finalization of title	<b>21/07/2025 to 25/07/2025</b>	Done
5	Final Synopsis submission	After <b>Introductory seminar 28/07/2025 to 30/07/2025</b>	Done
6	Progress Seminar (ODD Sem)	<b>25/09/2025 to 30/09/2025</b>	Done
7	Final Phase I Project Seminar	<b>01/10/2025 to 10/10/2025</b>	Done
8	Progress Seminar (EVEN Sem)	EVEN Academic session (Tentative) <b>20/01/2026 to 25/01/2026</b>	Done
9	Pre submission Seminar	<b>10/03/2026 to 15/03/2026</b>	Done
11	Final Submission Seminar	<b>15/04/2026 to 21/04/2026</b>	Done
12	Paper Publication in Scopus/WOS/UGC care list ( <b>Final Paper</b> )	<b>Before 30/04/2026</b>	Is in Process
13	Project Completion (Hardware/software, Poster, Thesis, soft copy of all material including simulation/program and video of working project)	<b>26/04/2026 to 30/04/2026</b>	Done
14	Prakalp (National Level Project competition/exhibition)	<b>In April/May (Tentative)</b>	Done

**Status of Work CEP-PBL Project (Second Year Students)**

Sr. No.	Particulars	Proposed Time slot	Status/Remark
1	Identification of students groups & topics and for CEP with respect to community based problem (Department wise)	<b>01/07/2025 to 07/07/2025</b>	Done
2	Awareness & Demonstration about Project Based Learning process, guidelines, working models etc	<b>14/07/2025 to 19/07/2025</b>	Done



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	to students and staff.		
3	Introductory Seminar (Department/Branch wise) for finalization of title	<b>21/07/2025 to 25/07/2025</b>	Done
4	Final Synopsis submission	After <b>Introductory seminar 28/07/2025 to 30/07/2025</b>	Done
5	Progress Seminar- I	<b>25/08/2025 to 30/08/2025</b>	Done
6	Progress Seminar- II	<b>15/09/2025 to 20/09/2025</b>	Done
7	Project Completion Seminar (Submission of Projects/Working Models, Projects and Report)	<b>01/10/2025 to 10/10/2025</b>	Done
8	Prakalp (National Level Project competition/exhibition)	<b>In April/May (Tentative)</b>	Done

**Status of Work Mini Project (Third Year Students)**

Sr. No.	Particulars	Proposed Time slot	Status/Remark
1	Finalization of students Projects groups, Topics/Title	<b>01/01/2026 to 07/01/2026</b>	Done
2	Introductory Seminar	<b>27/01/2026 to 31/01/2026</b>	Done
3	Progress Seminar	<b>23/02/2026 to 28/02/2026</b>	Done
4	Pre submission Seminar	<b>30/03/2026 to 04/04/2026</b>	In Process
5	Project Submission (Hardware/software, Poster, Report)	<b>16/04/2026 to 24/04/2026</b>	----
6	Participation in Project competition/exhibition	In April 2026	Done

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**PBL Coordinator**