



**Sandip Institute of Technology & Research Centre, Nashik
Innovation and Entrepreneurship Development Cell**

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Department of Science and Technology
Ministry of Science and Technology
Government of India

Date: December 29, 2017

PHASE-II Opportunity Evaluation Meet Round-II

Department of Engineering and Humanities Sciences

Title of the Project: Design and Development of Drone for Spraying Pesticides in Farms		
1	Societal/ Industrial Pain Point has been Figured out (10)	— AB —
2	Solution Beneficiary has been Identified (10)	— AB —
3	Solution Mechanism/Action Plan has been Prepared (10)	— AB —
4	Competitor Identification (05)	— AB —
5	Solution USP w.r.t. Competitors (05)	— AB —
6	Commercial Viability (10)	— AB —
7	Total (50)	— AB —
Recommended for Funding? (Please Tick)		YES NO
		NOT APPLICABLE

Dr. OmPrakash G. Kulkarni

Member Advisory Panel Special Invitee - Research Scientist

Mentor, Adviser, Technology Provider & Consulting Engineer in Automation, Instrumentation, Energy Management, IPR, CDM & Renewable Energy

Prof. S. G. Dhake
Departmental IEDC
In-charge

Prof. (Dr.) S. N. Patil
Head, Department of ESH

Prof. (Dr.) A. D. Potantwar
Mentor-IEDC

Prof. (Dr.) P. R. Baviskar
Mentor-IEDC

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Chairman-IEDC



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PHASE-II Opportunity Evaluation Meet Round-II
Department: Electronics and Tele-communications Engineering

Title of the Project: Cashless Napkin Vending Machine		
1	Societal/ Industrial Pain Point has been Figured out (10)	09
2	Solution Beneficiary has been Identified (10)	08
3	Solution Mechanism/Action Plan has been Prepared (10)	07
4	Competitor Identification (05)	03
5	Solution USP w.r.t. Competitors (05)	03
6	Commercial Viability (10)	10
7	Total (50)	40
Recommended for Funding? (Please Tick)		<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO

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PHASE-II Opportunity Evaluation Meet Round-II
Department: Electronics and Tele-communications Engineering

Title of the Project: Child Tracking System			
1	Societal/ Industrial Pain Point has been Figured out (10)	05	
2	Solution Beneficiary has been Identified (10)	06	
3	Solution Mechanism/Action Plan has been Prepared (10)	05	
4	Competitor Identification (05)	02	
5	Solution USP w.r.t. Competitors (05)	02	
6	Commercial Viability (10)	06	
7	Total (50)	26	
Recommended for Funding? (Please Tick)		YES	<input checked="" type="checkbox"/> NO

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PHASE-II Opportunity Evaluation Meet Round-II
Department: Electronics and Tele-communications Engineering

Title of the Project: Smart Trolley and smart Billing			
1	Societal/ Industrial Pain Point has been Figured out (10)	05	
2	Solution Beneficiary has been Identified (10)	06	
3	Solution Mechanism/Action Plan has been Prepared (10)	04	
4	Competitor Identification (05)	01	
5	Solution USP w.r.t. Competitors (05)	02	
6	Commercial Viability (10)	05	
7	Total (50)	24	
Recommended for Funding? (Please Tick)		YES	<input checked="" type="checkbox"/> NO

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Date: December 29, 2017

PHASE-II Opportunity Evaluation Meet Round-II
Department: Computer Engineering

Title of the Project: KISAN: Detection Plan Leaf diseases using Image Processing			
1	Societal/ Industrial Pain Point has been Figured out (10)	07	
2	Solution Beneficiary has been Identified (10)	08	
3	Solution Mechanism/Action Plan has been Prepared (10)	05	
4	Competitor Identification (05)	02	
5	Solution USP w.r.t. Competitors (05)	02	
6	Commercial Viability (10)	07	
7	Total (50)	31	
Recommended for Funding? (Please Tick)		<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

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Recommended to get funding from NABARD under guidance of KVK of YCMOU, Nashik



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PHASE-II Opportunity Evaluation Meet Round-II
Department: Computer Engineering

Title of the Project: Vehicle Safety Mechanism Using Smart Card Detection and Real Time Driver Drowsiness Detection			
1	Societal/ Industrial Pain Point has been Figured out (10)	07	
2	Solution Beneficiary has been Identified (10)	05	
3	Solution Mechanism/Action Plan has been Prepared (10)	05	
4	Competitor Identification (05)	01	
5	Solution USP w.r.t. Competitors (05)	01	
6	Commercial Viability (10)	04	
7	Total (50)	23	
Recommended for Funding? (Please Tick)		YES	<input checked="" type="checkbox"/> NO

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PHASE-II Opportunity Evaluation Meet Round-II
Department: Information Technology

Title of the Project: Vehicle Overhaul Autonetics Using Arduino			
1	Societal/ Industrial Pain Point has been Figured out (10)	05	
2	Solution Beneficiary has been Identified (10)	05	
3	Solution Mechanism/Action Plan has been Prepared (10)	04	
4	Competitor Identification (05)	01	
5	Solution USP w.r.t. Competitors (05)	02	
6	Commercial Viability (10)	04	
7	Total (50)	21	
Recommended for Funding? (Please Tick)		YES	<input checked="" type="checkbox"/> NO

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Member Advisory Panel Special Invitee - Research Scientist
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Date: December 29, 2017

PHASE-II Opportunity Evaluation Meet Round-II
Department: Information Technology

Title of the Project: Virtualization by Integrated Lightweight Development Tool(VILD)- For Multimedia Application			
1	Societal/ Industrial Pain Point has been Figured out (10)	07	
2	Solution Beneficiary has been Identified (10)	08	
3	Solution Mechanism/Action Plan has been Prepared (10)	06	
4	Competitor Identification (05)	03	
5	Solution USP w.r.t. Competitors (05)	04	
6	Commercial Viability (10)	07	
7	Total (50)	35	
	Recommended for Funding? (Please Tick)	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>

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PHASE-II Opportunity Evaluation Meet Round-II

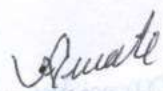
Department: Mechanical Engineering

Title of the Project: To enhance the COP of water cooler with reducing compressor work by using heat exchanger		
1	Societal/ Industrial Pain Point has been Figured out (10)	— AB —
2	Solution Beneficiary has been Identified (10)	— AB —
3	Solution Mechanism/Action Plan has been Prepared (10)	— AB —
4	Competitor Identification (05)	— AB —
5	Solution USP w.r.t. Competitors (05)	— AB —
6	Commercial Viability (10)	— AB —
7	Total (50)	— AB —
Recommended for Funding? (Please Tick)		<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
		NOT APPLICABLE

Dr. OmPrakash G. Kulkarni

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Prof. S. V. Kasar

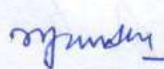
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PHASE-II Opportunity Evaluation Meet Round-II
Department: Mechanical Engineering

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Title of the Project: Dry Turning of Duplex Stainless Steel (DSS 2205) using Carbide Tools		
1	Societal/ Industrial Pain Point has been Figured out (10)	07
2	Solution Beneficiary has been Identified (10)	07
3	Solution Mechanism/Action Plan has been Prepared (10)	07
4	Competitor Identification (05)	03
5	Solution USP w.r.t. Competitors (05)	03
6	Commercial Viability (10)	08
7	Total (50)	35
Recommended for Funding? (Please Tick)		<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO

Dr. Om Prakash G. Kulkarni

Member Advisory Panel Special Invitee - Research Scientist

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PHASE-II Opportunity Evaluation Meet Round-II
Department: Electrical Engineering

Title of the Project: Double pole Electromagnetic Engine		
1	Societal/ Industrial Pain Point has been Figured out (10)	07
2	Solution Beneficiary has been Identified (10)	07
3	Solution Mechanism/Action Plan has been Prepared (10)	06
4	Competitor Identification (05)	03
5	Solution USP w.r.t. Competitors (05)	03
6	Commercial Viability (10)	07
7	Total (50)	33
Recommended for Funding? (Please Tick)		<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO

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Member Advisory Panel Special Invitee - Research Scientist

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**Prof. Prof. Spandan
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PHASE-II Opportunity Evaluation Meet Round-II
Department: Electrical Engineering

Title of the Project: Advanced Microwave Grain Dryer Machine		
1	Societal/ Industrial Pain Point has been Figured out (10)	05
2	Solution Beneficiary has been Identified (10)	06
3	Solution Mechanism/Action Plan has been Prepared (10)	05
4	Competitor Identification (05)	01
5	Solution USP w.r.t. Competitors (05)	01
6	Commercial Viability (10)	03
7	Total (50)	21
Recommended for Funding? (Please Tick)		YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>

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PHASE-II Opportunity Evaluation Meet Round-II


Department: Civil Engineering

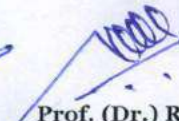
Title of the Project: NIVAARA -Redefined Housing		
1	Societal/ Industrial Pain Point has been Figured out (10)	08
2	Solution Beneficiary has been Identified (10)	08
3	Solution Mechanism/Action Plan has been Prepared (10)	05
4	Competitor Identification (05)	02
5	Solution USP w.r.t. Competitors (05)	02
6	Commercial Viability (10)	07
7	Total (50)	32
Recommended for Funding? (Please Tick)		<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO

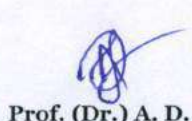

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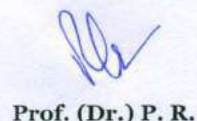
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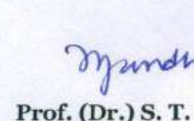
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