PRAGATI ENGINEERING COLLEGE

(Approved by AICTE, Permanently Affiliated to JNTUK Kakinada)
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INSTITUTION'S INNOVATION COUNCIL (Ministry of Education Initiative)

Institution's Innovation Council activities

1) The Institutions Innovation Council of Pragati Engineering College (IIC -PEC) is established in September 2020.IIC –PECgot 2 star in 5-star rating scale in IIC 4.0 and conducted 47 activities in IIC 5.0 towards developing Entrepreneurship, Startup, IPR, Innovation and Research ecosystem during the period 01/09/22 to 31/08/23, received participation certification on NIRF-23 (INNOVATION) ranking.

Activities Conducted

S. No	Activity	Quarter	Type	Remarks
1	A session on **Innovation & Entrepreneurship Outreach Program under Atal Tinkering Lab** To Sri Prakash Synergy School, Peddapuram on 24.08.2023	Quarter IV	Calender Activity	Institutions Innovations Council of Pragati Engineering College has organized **Innovation & Entrepreneurship Outreach Program under Atal Tinkering Lab**to Sri Prakash Synergy School, Peddapuram on 24.08.2023. Student IIC Coordinator& IIC Coordinator , explained the concept of basic working principles of domestic applications and gave the ideas to develop the Innovation and Entrepreneurship aspects.
2	Self driven activity on **Entrepreneurship and Startup Opportunities for Engineers** on 22.08.2023	Quarter IV	Self Driven Activity	Institution's Innovation Council(IIC) of Pragati Engineering College organized **Self driven activity** on **"Entrepreneurship and Startup Opportunities for Engineers"** on 22.08.2023 at 10.00AM for the students. The Speaker of the session is Mr. **B.Bharath kumar, M.Tech,(Ph.D), Assistant professor, ME Dept, Innovation Ambassador IIC-PEC,**

3	A session on **Debate, Idea Competition And Essay Writing** on World Entrepreneurs Day 21.08.2023	Quarter IV	Celebration Activity	On World Entrepreneurs' Day **Institutions Innovations Council of Pragati Engineering College** believes in providing the wings to generate innovative ideas and nurture our students to establish their start-ups through promoting their entrepreneurial spirit. Total 43 students are participated for Debate, idea competition 9 teams, 45 members are participated and Essay writing.
4	A Session on **Product Market fit for Future Entrepreneurs** on 18th August 2023	Quarter IV	Self Driven Activity	A Session on **Product Market fir for Future Entrepreneurs** was conducted to Students in the college. 44 students were participated curiously for the event. Participations will be made to sit in Seminar hall and all are interested students were allowed. **Mrs.Pericherla Sravani**, IIC Member, Innovation Ambassador of Pragati Engineering College(A) interacted well with students.
5	A session on **Entrepreneurship as a start up culture** on 16.08.2023	Quarter IV	Self Driven Activity	Institution's Innovation Council(IIC) of Pragati Engineering College organized **Self driven activity** on "**Entrepreneurship as a start up culture**" on 16.08.2023 at 10.00AM for the students. The Speaker of the session is Mr.E.V.S.S.Kameswara Sastry, IIC Student Internship Coordinator,ME Dept, Pragati Engineering College, Surampalem.
6	**Article Writing** On The Occasion Of **Independence Day Celebrations – Azadi Ka Amritkal (15.08.2023)**	Quarter IV	Celebration Activity	The Institutions Innovation Council Of Pragati Engineering College Conducted A Session On Article Writing on 14.08.2023 on the eve of Independence Day. 15th August 2023 marks the completion of 76 years of India's independence. On 14th August 2023 intrested students of Various branches participated in Article Writing, Total 89 students are participated. and the 15th August 2023 in college premises flag hoisted by chairman Dr.P.Krishna Rao and Distributed Prizes to the

				Academic toppers.
7	A session on **Future Of Technology Entrepreneurship In India** On 12th Aug,	Quarter IV	Calender Activity	A Session On **Future Of Technology Entrepreneurship In India** On 12th Aug 2023. Resource Person of the Session is **Dr.AjaiChowdhry**, Cofounder Of HCL, Dubbed As "Father Of Indian Hardware", And Awardee Of India's Third-Highest Civilian Award, Padma Bhushan. Total 62 Student members are attended the session
8	**Lean Start up& Minimum Viable Product Boot camp Through outreach Industry Exposure** On 8/8/23	Quarter IV	Calendar Activity	Department of Mechanical Engineering in association with **Institution Innovation Council (IIC)** - PEC is Organized an **LeanStart up& Minimum Viable Product Boot camp Through outreach Industry Exposure** for III year Mechanical Engineering Students to **Sri Sarvaraya Sugars Limited**, Kesavaram , East Godavari District on 08/08/2023. Total 105 students and 3 Faculty members participated.
9	Expert Talk on **Innovation, Creativity and Design** on 03.08.2023	Quarter IV	Self Driven Activity	Institution's Innovation Council(IIC) of Pragati Engineering College organized **Self driven activity** on "**Innovation, Creativity and Design**" on 03.08.2023 at 10.00AM for the students. The Speaker of the session is Dr.Subodh Panda, IIC Coordinator, Professor, Ece Dept, Pragati Engineering College, Surampalem.

10	Celebration of the **3rd Anniversary of the National Education Policy (NEP) 2020** and the **2nd edition of the Akhil Bhartiya Shiksha Samagam** on 29th July in New Delhi	Quarter IV	MIC Driven Activity	The Institutions Innovation Council of Pragati Engineering College Faculty attended a online session on celebrate the 3rd Anniversary of the National Education Policy (NEP) 2020 and the 2nd edition of the AkhilBhartiyaShikshaSamagamon 29th July in New Delhi Total 41 Faculty members are presented through online from various departments
11	A Session on **Achieving Value Proposition Fit and Business Fit** On 28th July 2023	Quarter IV	Calendar Activity	A Session on **Achieving Value Proposition Fit and Business Fit**was conducted to Students in the college..**Mrs.Tsaliki Satya Sireesha,** Tech lead SAP Technical PVH, Netharlands interacted well with students. Total 52 Student members are attended the session
12	A session on **NEP-kiSamajh" - Celebrating 3 years of Implementation of NEP 2020.** On 13.07.2023	Quarter IV	MIC Driven Activity	Institutions Innovations Council of Pragati Engineering College has organizeda program on **"NEP kiSamajh"** - Celebrating 3 years, Implementation of NEP 2020, 7th July to 14th July under the guideline of Ministry of Education, in collaboration with My Gov, it is hosting a Short Video Competition on the Implementation of National Education Policy (NEP) 2020.

13	**Awareness Boot camp on Entrepreneurship Development Programmes on 08.06.2023**	Quarter IV	Calendar Activity	The program was scheduled on 08.06.2023. on 11:00 AM by SKILL AP-APSSDC, State Janbhagidari Event/People's Participation. Sri Ashish Dhiman, National Project coordinator, ILO, Explained the Idea generation & Training. Sri. Madhuban Pandey explained the Fund Rising and Promoting. Sri. Sandeep S, CEO, Vignan.TBI explained the Becoming a Good Entrepreneur. They all shared their thoughts towards Entrepreneurship Development.
14	A Session on **Idea to Patent** on 31.05.2023	Quarter III	Self Driven Activity	The program was conducted on 31.05.2023 at 02:00 to 04:00 pm..The resource person is Dr. Subodh Panda, ECE Department, IIC Coordinator, Innovation Ambassador, Pragati Engineering College(A). There are 54 students and 6 faculties from Pragati Engineering College attended the program
15	A Session on **How To Plan For Start Up, Legal & Ethical Steps** On 30.05.2023	Quarter III	Self Driven Activity	The program was conducted on 31.05.2023 at 02:00 to 04:00 pm..The resource person is Dr. B.RajeshKumar,IIC Member, Innovation Ambassador, Pragati Engineering College(A). There are 42 students and 5 faculties from Pragati Engineering College attended the program
16	Workshop on **Business Model Canvas** on 11.05.2023	Quarter III	Calendar Activity	The program was conducted on 11.5.2023 at 01:30 am. In association with CIMSME-AP State. The resource person is 1) Dr.Geetha Reddy, Chairperson, A.P. State Council, CIMSME. 2) Prof. D. Vishnu Murthy, A.P.State Ambassador,CIMSME. There are 12innovative ideas are presented from 12 Batch Students from Pragati Engineering College .
17	A Session on **Innovative Idea**	Quarter III	Celebration	The program was conducted on 11.05.2023 at 10:30 am in association with AICTE-SPICES Club (ECE)On the occasion of

	Generation on 11.05.2023		Activity	National Technology Day. There are 9innovative ideas are presented from 9 Batch Students from Pragati Engineering College .
18	Inagural Address by PM on the occasion of **National Technology Day** 11.05.23	Quarter III	MIC Driven Activity	The program was conducted on 11.5.2023. "On National Technology Day, we salute the dedication and tenacity of our scientists and those passionate about technology". Total 41 Students are presented the program.
19	**Celebrating India's presidency of the G20** On 16.06.2023,	Quarter III	Celebration Activity	On International Integration Day Pragati Engineering College (A) Organized A session for Celebrating India's presidency of the G20 for the students in association with Institution's Invvation Council And Basic Sciences & Humanities Department organized on 16.06.2023, total 41 students and 7 Faculty Members are presented in the session.
20	A Competition on **Process Design and Development (A program for KAVACH 2023)** on 28.04.2023	Quarter III	Calendar Activity	The program was conducted on 28.04.2023 at 10:00 am. Students are presented their Innovative ideas There are 45 students from Pragati Engineering College participated the program and shared their ideas.
21	A Session on **IP challenges in Academic Research** on 26.04.2023	Quarter III	Celebration Activity	The program was conducted on 14.3.2023 at 10:30 am. On the occasion of World Intellectual Property Day. The resource person is Shri. JnanaTeja, Research Associate, DPIIT- Chair, National law School of India University, Bangalore. There are 94 students and 10 faculties from Pragati Engineering College attended the program
22	A Session on **Innovative Idea Competition** on 21.04.2023	Quarter III	Celebration Activity	The program was conducted on 21.04.2023 at 10:30 am. On the occasion of World Creativity & Innovation Day. Students are presented their Innovative ideas There are 42 students from Pragati Engineering College Participated the program and shared their ideas.

23	A session on **Innovation & Entrepreneurship Outreach Program under Atal Tinkering Lab** To ZPP High School, Gandepalli on 04.04.2023	Quarter III	Calendar Activity	Institutions Innovations Council of Pragati Engineering College has organized **Innovation & Entrepreneurship Outreach Program under Atal Tinkering Lab** to To ZPP High School, Gandepalli on 04.04.2023. The program aimed to instill a spirit of entrepreneurship and make students aware of the importance of sustainability in our daily lives. In this program, Students 57 no's has participated and gained the knowledge about the entrepreneurship in day to day life.
24	Session on **Intra Institutional Business Plan Competition for Yukti** On 09.04.2023 & 29.04.2023 at 09.00AM To 3:30 PM	Quarter III	Calendar Activity	Institutions Innovations Council of Pragati Engineering College has organized Intra Institutional Business Plan Competition for Yuktion 09.04.2023 & 29.04.2023 in the campus. IIC Coordinator Dr.Subodh Panda & IIC Faculty Coordinator members Shared his views in the session and Total interested 76 member students are shared their business plan ideas, the IIC Coordinator selected best Business Plan ideas and student members are submitted their Business Plan ideas in portal, IIC Coordinator & IIC Faculty members are evaluated the Business Plan ideas in portal.
25	A Session on **IIC orientation Session** on 06.04.2023	Quarter III	MIC Driven Activity	The program was conducted on 06.04.2023 at 03:00 pm. The resource person is Sri. Dipansahu, Asst. Innovation officer, Minisry of Eduction's Innovation cell, Government of India. There are 12 faculties from Pragati Engineering College attended the program
26	A Session on **EV Current trends in India** on 14.03.2023	Quarter III	Calender Activity	The program was conducted on 14.3.2023 at 11:00 am. The resource person is Dr. Jaganmohanrao.B.tech, MS, Ph.D, General Manager (NPD-EV), Head of R&D, Mecwin Technologies, Bengaluru. There are 81 students and 10 faculties from Pragati Engineering College attended the program
27				Institution's Innovation Council

	A Session on **National Science Day** on 28.02.2023	Quarter II	Celebration Activity	(IIC) of Pragati Engineering College organized **National Science Day**on28.02.2023 at 10.00AM for the students. On this day conducted Events are Quiz Competition, Essay Writing Competition & PPT Presentation. Total Paper presentations 22 Students, Quiz 42Students and Essay Writing 35 Students are Attended. Theme: Global Science for Global Wellbeing.
28	A Lecture Session On **Career Opportunities – How To Start For Start Up, Legal & Ethical Steps**. on 27.02.2023.	Quarter II	Self Driven Activity	Institution's Innovation Council (IIC) of Pragati Engineering College organized Lecture Session on **"Career Opportunities-How to Start for Start up, Legal & Ethical Steps "** on 27.02.2023 at 2.00 PM for the Faculty & 2ndyear EEE students. The Resource person of the workshop is Mr.K.SivaSankar, M.Tech, Assistant professor, EEE Dept, Innovation Ambassador IIC-PEC. Totally 43 students and 4 faculty members attended the workshop.
29	Workshop On **Problem Solution Fit And Product Market** on 17.02.2023.	Quarter II	Calender Activity	Institution's Innovation Council (IIC) of Pragati Engineering College organized online on **"Workshop on Problem Solution Fit and Product Market"** on 17.02.2023 at 2.00PM-4.00PM for the faculty members and student. The Resource person of the workshop is **LAKSHMI VEJANDLA (Project Engineer).** Totally 125 students,13 faculty members & 3 outsiders attended the workshop.
30	"**A Motivational Speech By Successful Entrepreneur Carrier On EV- The Green Transport, A Booming Sector For**	Quarter I I	Calender Activity	Institution's Innovation Council (IIC) of Pragati Engineering College organized online session on**"A Motivational Speech by Successful Entrepreneur Carrier on EV- The GreenTransport, A Booming Sectorfor Entrepreneur"** on 09.02.2023 at 10.00AM for the faculty members and student. The Resource person of the workshop Shri.N. Venkata Reddy, MS (UK), Founder & CEO, M/s. Vihaan Electrix (VE).

	Entrepreneur " on 09.02.2023.			Totally 55 students, 12 faculty members & 7 outsiders attended the workshop.
31	A Session On "**Commercialisation of Lab Technologies & Tech-Transfer On Innovation** Development" on 03.02.2023.	Quarter I I	Calendar Activity	Institution's Innovation Council (IIC) of Pragati Engineering College organized online on **"Commercialisation of Lab Technologies &Tech-Transfer on Innovation Development"** on 03.02.2023 at 11.00AM for the faculty members and student. The Resource person of the workshop is Mr.Samarth Kulkarni, Embedded SystemsEngineer, EdGate Technologies Pvt.Ltd,Bangalore. Totally 87 students, 12 faculty members & 4 outsiders attended the workshop.
32	A Lecture Session On **Innovation And Startup as Career Opportunity**. on 02.02.2023.	Quarter I I	Self Driven Activity	Institution's Innovation Council (IIC) of Pragati Engineering College organized Lecture session on **"innovation &Startup as Career opportunity"** on 02.02.2023 at 11.00AM for the Faculty& first year students. The Resource person of the workshop is Mr.B.Bharathkumar, M.Tech,(Ph.D), Assistant professor, ME Dept, Innovation Ambassador IIC-PEC, Totally 34 students and 6 faculty members attended the workshop.
33	A Session on **MIC's Leadership Talk With Chairman AICTE,** Prof. T.G.Sitharam On 30.01.2023.	Quarter I I	MIC Driven Activity	Ministry of Education's Innovation Cell (Government of India) on **MIC's Leadership Talk with Hon'ble Chairman,** All India Council for Technical Education (AICTE) Prof. T.G. Sitharamby Dr.AbhayJere, Chief Innovation Officer, Ministry of Education on 30.01.2023 at 11:00 AM. Totally 12 faculties and 13 students are attended the program.
34	Awareness Program On **Intellectual Property Rights Under National Intellectual Property**	Quarter II	Self -Driven Activity	Institution's Innovation Council (IIC) of Pragati Engineering College organized **"Awareness Program on Intellectual property rights Under National Intellectual Property Awareness Mission2.0 (NIPAM2.0)"** on 20thjan2023, 11.00AM for all the faculty members and students of higher education institutions. by Resource Person: Shri. Veera

	Awareness Mission2.0 (NIPAM2.0) on 20thjan.			Raghavulu Kattula, Examiner of Patents & Designs, Indian Patent Office, Chennai. Total 12Faculty and 102 Students are attended in the program.
35	**Report Of IIC 5.0 Q&A Orientation Session** For Scro- Ap, 19th Jan .	Quarter II	MIC Driven Activity	Ministry of Education's Innovation Cell (Government of India) on **ORIENTATION SESSION for SCRO-AP** organized by MOE innovation cell on 19.01.2023 at 11:00 AM. Totally 11 faculties and 8 IIC student Coordinators are attended the program.
36	**Orientation Session On IIC 5.0 (2022-23) & Features - Moe's** **Innovation Cell** on 11.01.2023.	Quarter II	MIC Driven Activity	Ministry of Education's Innovation Cell (Government of India) on Orientation Session on IIC5.0 (2022-23) & Features-MoE's Innovation Cell by Mr.DipanSahu, Assistant Innovation Director, MOE Innovation Cell on 11.01.2023 at 11:00 AM. Totally 11 faculties and 14 students are attended the program.
37	A Session on **National Youth day** On 11.01.2023	Quarter I I	Celebration Activity	Institution's Innovation Council (IIC) of Pragati Engineering College organized NATIONAL YOUTH DAY ON 11.01.2023at10.00 AM for the second year students. On this day conducted Events are Essay writing. Total 61 Members are participated.
38	**Industry Exposure (Problem Identification & Proposed Solution)** on 09.01.2023.	Quarter II	Calendar Activity	Industry institution interaction cell (III) in association with Institution Innovation Council(IIC)-PEC and Electrical and Electronics Engineering department Organized an Industry Exposure for 2nd year Students to K.PR Agrochem Limited, East Godavari on09/01/2023.with 55 Members students & 2 Faculty members.
39	A Session on **National Energy Conservatio n Day** on 14.12.2022	Quarter II	Celebration Activity	Institution's Innovation Council (IIC) of Pragati Engineering College organized NATIONAL ENERGY CONSERVATION DAY ON 14.12.2022 at 02.00PM for the students. On this day conducted Events areGroup Discussion, PPT Presentation &Article Writing.

				Total Group Discussion 16 Students, PPT Presentation 23 Students and Article Writing 43 Students are Attended. **Theme:** Living Sustainably in Harmony with Nature.
40	**Industry Exposure (Problem Identification & Proposed Solution)** on 17.11.2022	Quarter I	Calendar Activity	Industry institution interaction cell (III) in association with Institution Innovation Council(IIC)-PEC and Mechanical engineering department (Institution of Engineer's Student Chapter)Organized an Industry visit for 2nd year Students to **K.PR Agro chem. Limited**, East Godavari on 17/11/2022. With 53 members students & 2 Faculty members went.
41	ASESSIONON **"Role Of Innovation And Entrepreneurship In India's New Education Policy"** on 11.11.2022	Quarter I	Celebration Day Activity	Institution's Innovation Council (IIC) of Pragati Engineering College organized online session on "Role of Innovation and Entrepreneurship in India's New Education Policy" on 11.11.2022 at 2.00 PM for the faculty members and students. The Resource person of the program is **Dr.Kittu R.S.** M.Com, Ph.D.,MBA (Finance), KSET, B.Ed., PGDBA, PGDMM. Totally 122 students, 11 faculty members & 8 Outside Institution Members are attended the Session.
42	A SESSION ON **"My Story-Motivational Session By Successful Entrepreneur & Start Up Founder"** on 21.10.2022	Quarter I	Calendar Activity	Institution's Innovation Council (IIC) of Pragati Engineering College(A) organized online Session on "My Story - Motivational Session By Successful Entrepreneur & Start Up Founder Grewind–Let us Rewind to a Greener Planet" on 21.10.2022 at 2.00PM for the faculty members and student. The Resource person of the workshop is **Mr. Prasad S.N& Mr. Aniket Joshi**, Founders of Grewind Solutions LLP. Totally 122 students, 12 faculty members & 4 outsiders Institution members are attended the Session.
43	A Session on **Launch Of 5G Services** on 1.10.2022	Quarter I	MIC Driven Activity	Institution's Innovation Council(IIC) of Pragati Engineering College Attended the MIC Driven Activity **Launch of 5G Services** on 01.10.2022 Launched by Prime Minister Modi Sir. Totally 12 faculties

				and 43 students are attended the program.
44	A Lecture Session On **"Entrepreneurship And Innovation As Career Opportunity"** on 27.09.2022	Quarter I	Self Driven Activity	Institution's Innovation Council (IIC) of Pragati Engineering College organized Lecture session on "Entrepreneurship and Innovation as Career Opportunity" on 27.09.2022 at 2.00PM for the Faculty & first year students. The Resource person of the workshop is **Mr.B.Rajeshkumar,** MBA,(Ph.D), Assistant professor, Innovation Ambassador IIC-PEC. Totally 54 students and 8 faculty members attended the workshop.
45	Appreciation Meet On **Smart India Internal Hackathon (SIH-22)** on 23.09.2022	Quarter I	Calendar Activity	Institution's Innovation Council (IIC) of Pragati Engineering College organized Appreciation meet on Smart India Hackathon (SIH)-2022, Total 8 teams were shortlisted, they went to different locations across the india. One team got winner & another team got Runner in SIH Competitions. Total 8 team members are attended in the program Director, Principal& Vice Principal Appreciated the Winners Team, Runners team & Participated teams In the meeting on 23/09/2022.
46	Session On**"Accelerators/ Incubation – Opportunities For Students & Faculties– Moving Towards Successful Entrepreneurship"** on 15.09.2023	Quarter I	IIC self driven activity	Institution Innovation Council (IIC) of Pragati Engineering College organized a session on "**Accelerators/ Incubation Opportunities for Students & Faculties Moving Towards Successful Entrepreneurship"** on 15.09.2022 by Dr.subodh Panda, Innovation Ambassador & Professor, Department of ECE, Pragati Engineering College has delivered the session. Totally 3 faculty members and 41 students from Pragati Engineering College.
47	A Session on **Engineer's Day Celebration** on 15.09.2022	Quarter I	Celebration Day Activity	Institution's Innovation Council (IIC) of Pragati Engineering College organized a Engineers day under Celebration Day Activity on 15.09.2022 at 11.00AM for the Second & Third year students. On this event purpose conducted Paper Presentation, Quiz & Art Competition for the 2nd and 3rd year students.

E. Highlight Achievements (Narrative/Graphical/tabular representation)

• Number and Different types of I&E and IPR activities Conducted

.No	Title of Subject	Subject Code	Academic Year	Type of Course	Course offering Department	Year
1	ENTREPRENEURSHIP	19HM8T03	2022-23	Elective	ECE	IV-II
2	ENTREPRENEURSHIP	20HM5T03	2022-23	Elective	ME	III-I
3	MARKETING MANAGEMENT	19HM7T04	2022-23	Elective	ME	IV-I
4	MARKETING MANAGEMENT	19HM7T04	2022-23	Elective	IT	IV-I
5	MARKETING MANAGEMENT	19HM7T04	2022-23	Elective	CSE	IV-I
6	ENTREPRENEURSHIP	20HM5T03	2022-23	Elective	CIVIL	III-I
7	ENTREPRENEURSHIP	20HM5T03	2022-23	Elective	CSE	III-I
8	ENTREPRENEURSHIP	20HM5T03	2022-23	Elective	EEE	III-I
9	ENTREPRENEURSHIP	20HM5T03	2022-23	Elective	ECE	III-I

• No. of student's & faculty ideas generated :247

SIH-22	85 IDEAS GENERATED
MSME 2.0	13
YUKTI INNOVATION	25
BHARAT CYCLE DESIGN	01
APSHE STUDENT INNOVATION	18
MSME 3.0 WOMEN'S HEKATHON	27
MHA& AICTE- SYBER SECURITY HACKOTHAN, KAVACH-23	07
SIH-23 INTERNAL HEKATHON	72

• No. of student's & faculty Innovation/prototypes developed = 2

• No. of IPs generated, published and granted =

S.No.	Dept	Academic year	Name of the Inventor(s)	Name of the applicant(s)	Patent Number	Title of the Patent	Date of granted	Date of filing	Patent Agency	STATUS
1	ME	2022-23	Dr.Avinash G	Dr.Avinash G	ref no 202341020328	A smart and Collapsible Space – Saving Head Gaurd for Riders	.07.04.2023	.23.03.2023	IPINDIA	PUBLISHED
2	ME	2022-23	Dr.Avinash G	Dr.Avinash G	ref no 202241071000	An Artificially Intelligent Computational Fluid Dynamics	.16.12.2022	.09/12/2022	IPINDIA	PUBLISHED

						System and Method for Smart Valves					

• No. of Student & Faculty Start-ups/Ventures established. =0

• Amount spent on promotion and awareness generation on Innovation Entrepreneurship in the campus

• Amount grant or fund supported to student & Faculty lead Innovations, start-ups and IPR

• No. of Technology Transfer and Commercialisation happened

F. Highlight few best IIC Faculty/Student members and their achievements/ Rewarded for the innovations at different forum [Profile of few faculties with 2-3 line of their achievements]

IIC Faculty

Student members

Teamleader Name	Phone number	Branch	Year	Mentorname	Problem statement number	category	TeamID(check Website)	IdeaID(check Website)	Nameofthe Nodalcentre	City	State
Pvvskeerthana	9573648231	CIVIL	3rd	B.Indraniparimala	SG-864	Software	19955	21361	Nationalinstituteoftechnology	Silchar	Assam
GaliVenkatesh	9133539219	CSE	3rd	M.vrajesh	RK774	Software	18721	23578	SriEswariEngineeringCollege	Combitore	Tamilnadu
VedulaNarayana	8885532345	ECE	4th	Dr.SubodhPanda	MA1216	Hardware	26389	24684	Kalasalingam Academy	Srivilliputtur	TamilNadu
Vetukuride vyanjalisrinagalakshmi	9390333842	ECE	4th	TSekhar	Dv1081	Software	18729	20567	Kluniversity	Vijayawada	AndhraPradesh

Pasupuleti NavyaSri	7386965212	ECE	4th	D.V.VLakshmi	RK1113	Software	26320	23632	Prin.L.N.Welingkar Instituteof Management Developmen	Mumbai	Maharashtra
Bejjisaipravallika	9392633387	ECE	4th	B.kalyanchakravarthy,M.S.V.VRamesh	RK1113	Software	26414	24053	Prin.L.Nwelingkarinstituteofmanagement	Mumbai	Maharashtra
S.AHARON	8367593669	EEE	4th	A. MOHANDURGAKUMAR	DA1072	Hardware	18412	25249	B. S. Abdur Rahman CrescentInstituteofScience&Technol	Chennai	TamilNadu
S. M. MANIK YAVALLI	9398724268	IT	4th	D.KONDABABU	GM747	Software	18697	17038	Shri Ramdeobaba College ofEngineeringandManagement,	NAGPUR	MAHARASHTRA

G. Highlight selected best Innovations & images with mention of inventor/innovation name

1.

| S.AHARON | 8367593669 | EEE | 4th | A. MOHANDU RGAKUMA R | DA1072 | Hardware | 18412 | 25249 | B. S. Abdur Rahman CrescentInst ituteofScien ce&Technol | Chennai | TamilNadu |

SIH -22 Winners at B. S. Abdur Rahman CrescentInstituteofScience&Technology,CHENNAI

2.

| Gali Venkatesh | 9133539219 | CSE | 3rd | M.vrajesh | RK774 | Software | 18721 | 23578 | SriEswariEn gineeringColl ege | Combitore | Tamilnadu |

SIH -22 Runners CSE AT SriEswariEngineeringCollege, Coimbathore,TN

H. Highlight selected start-ups established by students/faculties with mention of founder/cofounder name

I. List if any break through Innovations / Technology Developed at the institute (2-3 technology with 2-3 lines about technology and innovation

J. Participation of IIC-institute in various programs of Central and Stage Govt. Highlighting specially for the schemes or programs

• ARIIA – participation and Rank

• NISP Adoption status - Trained Faculty, Policy Formulation, Policy Implementation

Policy Formulation

Policy Implementation

Policy Impact Creation

Action Items (Institute shall regularly update the progress of below mention action items. Declaration box to be checked & submitted after marking the progress of all action items)

S.No	Action Items for Policy Formulation	Document of Proof (Doc Upload)	URL of Proof (URL)	Registration ID	Action	Admin Enable Status	Admin Remark
1	Attended Policy Implementation Training organized by MoE's Innovation Cell	No document Required, Participation will be verified from back-end			✏ Completed	Enabled	
2	Submission of the approved I&E policy to the IIC of the institute for the discussion and implementation	No document required			✏ Completed	Enabled	
3	Benchmarking the current status of I&E ecosystem of the institute (as per ARIIA indicators) by developing KPIs and setting annual targets to achieve	PDF file is required Preview			✏ Completed	Enabled	
4	Developed quarter / semester vice plan for I&E activity aligned with the plan of IIC institute for implementation	(Gantt Chart with timeline) PDF file is required Preview			✏ Completed	Enabled	
5	Allocated 1% of the total annual budget of HEI as provided in NISP to support Innovation and startup agenda of the institute	PDF file is required Preview			✏ Completed	Disabled	Please upload the document on your institute letterhead stating that for so and so academic year 1% of the total annual budget is allocated for innovation activities. This document is to be signed by your Head of the institute. Mention in percentage in relation to the annual budget. The document should be in the past tense like allocated.
6	Setup mechanism (Equity and rental mode of service to innovators and startups, IP filing, funding support, etc.) for establishing pre-incubation and incubation facility and management practices to improve their performance efficiency	No document required			✏ Completed	Enabled	
7	Setup mechanisms (IP ownership, revenue sharing, licencing, rewarding incentives, etc.) for accelerating technology transfer and commercialisation of innovation developed in institutes.	No document required			✏ Completed	Enabled	
8	Laid down mechanisms to incentivise (recognition, rewarding financial / non-financial incentives / benefits) innovators (student / faculty) for their engagement in innovation and startup related endeavours	No document required			✏ Completed	Enabled	
9	Registered for Atal Ranking of Institutions on Innovation Achievements (ARIIA Ranking) at https://www.ariia.gov.in/	Provide ARIIA registration Id		ARI-C-17941	✏ Completed	Enabled	

• **Smart India Hackathon etc.**

1) **UNDER SMART INDIA HACHATHON -22**
   Total 132 teams consisting of 615 students participated in Internal Hackathon. 370 girls and 245 boys participated. 85 teams presented software projects and 47 teams presented hardware projects. The above teams presented projects in 81 problem statements out of 556 problem statements mentioned in Smart India Hackathon (SIH) 2022.Out of 132 teams, 30 teams are shortlisted in internal hackathon and nominated for SIH 2022.Among the nominated 30 team
   a) 8 no of team selected for grand final presentation and 2 no of team selected for grand final (short listed category)
   b) one team from EEE qualified final round at grand final and won one lakhs cash prize
   c) one team from CSE got runners cup at grand final round

2) **Under MSMEIDEA HACKOTHAN- 2.0**
   13 student project submitted and it is under evaluation process

3) APSCHE/STUDENTS INNOVATION AWARD = 22 IDEA SUBMITTED

4) **UNDER YUKTI NATIONAL INNOVATION RESPOSITORY**
   10 IDEA AND 06 INNOVATION/PROTOTYPE student project has been submitted and its under evaluation process

5) **UNDER MOE'S innovation cell in collaboration with MHA& AICTE- SYBER SECURITY HACKOTHAN, KAVACH-23**
   07 students project submitted and its under evaluation process

6) BHARAT CYCLE DESIGNING CHALLENGES = 01 TEAM

7) **MSME WOMEN IDEA HACKOTHAN-3.0 = 27**IDEA SUBMITTED

K. Detail of Social Media & Connections of IIC institute

IIC PRAGATI ENGINEERING COLLEGE –FACEBOOK PAGE

https://www.facebook.com/p/IIC-Pragati-Engineering-College-100068486282278/

IIC PRAGATI ENGINEERING COLLEGE –YOUTUBE CHANNEL

https://www.youtube.com/@iicpragatiengineeringcolle1688

L. Testimonials from IIC members and external about IIC institute and IIC of MoE's Innovation Cell

IIC-PEC in parallel guidance of MOE's / IIC & APSHE-ESIC Developing ecosystem for the following.

1. encourage, inspire and nurture young students by supporting them to work with new ideas and transform them into prototypes while they are informative years.
2. create a vibrant local innovation ecosystem.
3. Start-up supporting Mechanism in Pragati Engineering College.
4. Working for Atal Ranking of Institutions on Innovation Achievements Framework.
5. Establish Function Ecosystem for Scouting Ideas and Pre-incubation of Ideas.
6. Develop better Cognitive Ability for Technology Students.

M. Images