PRAGATI ENGINEERING COLLEGE

(Autonomous)

ADB Road, Surampalem, E.G.Dt., A.P. – 533 437
(Approved by AICTE, Permanently Affiliated to JNTUK, Kakinada)
(Recognized by UGC Under Sections 2(f) and 12 (B) of UGC act, 1956)
Ph: 08852 – 252233, 34. Website: www.pragati.ac.in

Learning is Supreme Deity
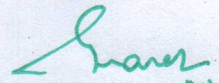
INTERNAL QUALITY ASSURANCE CELL (IQAC)

Date: 13-07-2024

Circular

A meeting is convened with the members of IQAC Committee at 02:00 PM on 18-07-2024 at Conference Hall to discuss the following agenda. All the IQAC members are requested to attend the meeting to discuss various activities. All departments HoDs are requested to attend the meeting without effecting the classwork.

Agenda:

1. Review on action taken on minutes of previous committee meeting

2. NAAC Accreditation planning

3. Review of Result Analysis

4. Review of Institution and Department Activities

5. Discussion on CO-PO tool for R23 Regulations

6. Discussion on Submission of Annual Quality Assurance Report (AQAR)

7. ERP implementation and execution

8. Roles and responsibilities of Mentors
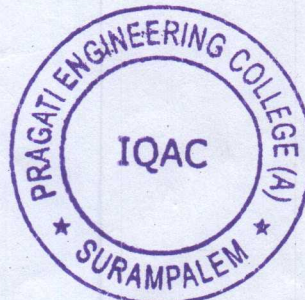
9. Any other item

Principal 13/07/2024
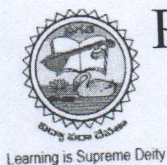
Principal
PRAGATI ENGINEERING COLLEGE
(AUTONOMOUS)
3-180, ADB Road, Surampalem 533437
~~~~~ Kakinada District, A.P.

Copy to:

1. Circulate among IQAC Members

2. IQAC File

3. Principal office File.

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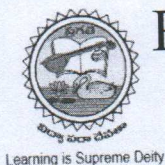
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INTERNAL QUALITY ASSURANCE CELL (IQAC)

Minutes of IQAC – Meeting No. 48 dated on 18th July 2024

The following members attended the Meeting

S. No.	Name	Designation
1	Dr. G Naresh, Principal	Convener
2	Sri M V Haranatha Babu, Director	Management Member
3	Dr. K Satyanarayana, Prof. & Director (Academics)	Member
4	Dr. P V S Machiraju, Prof. & Dean (R&D)	Coordinator
5	Mr. V Prasanth, Associate Prof. & HOD of ECE	Co - Coordinator
6	Dr. K Saroja Rani, Associate Prof. & HOD of CE	Teacher Representative
7	Dr. M Uma Devi, Associate Prof. & HOD of IT	Teacher Representative
8	Mr. D Prakasa Rao, Asst. Prof of EEE	Teacher Representative
9	Mr. V V N Sarat, Asst. Prof. of ME	Teacher Representative
10	Mr. T Sekhar, Asst. Prof. of ECE	Teacher Representative
11	Mr. S K Sankar, Asst. Prof. of CSE	Teacher Representative
12	Mrs. T Ganga Bhavani, Asst. Prof. of IT	Teacher Representative
13	Mr. A Janardhan Rao, Asst. Prof. of CSE(AIML)	Teacher Representative
14	Mr. G Bhaskara Rao, Asst. Prof. of BSH	Teacher Representative
15	Mr. P Satyanarayana, Asst. Prof. of BSH	Teacher Representative
16	Sri G K V V Nageswara Rao	Member from Local Society
17	Sri Matte Srinivas	Member from Local Society
18	Mr. Naga Devara Venkata Subrahmanya	Member from Alumni
19	Ms. P Leela Venkata Abhiram (22A31A0244)	Student Representative
20	Mr. J Srikanth (22A31A1245)	Student Representative

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INTERNAL QUALITY ASSURANCE CELL (IQAC)

Minutes of IQAC – Meeting No. 48 dated on 18th July 2024

IQAC meeting is held at conference hall dated on 18th July 2024 at 2:00 P.M under Dr. G Naresh, Principal, Pragati Engineering College, to discuss following agenda and to adopt resolutions.

Dr. P V S Machiraju, Professor & Dean(R&D), IQAC Coordinator welcomed all the members and initiated the proceedings.

Dr. P V S Machiraju outlined some of the highlights during the period from last meeting till date.

i. **University Grants Commission (UGC),** New Delhi has granted the conferment of Extension of Autonomous status to "Pragati Engineering College (A3), ADB Road, Surampalem, Kakinada District, Andhra Pradesh" for a period of Ten years from the Academic year 2022-2023 to 2031-2032.

ii. **Pragati Engineering College (Autonomous)** is awarded **All India 1st Rank** under the **Top Ten Performing Institutions Category** by **AICTE - EduSkills Virtual Internship** based on completion of Virtual Internships by Students in **8th Cohort** (April 2024 to June 2024), **7th Cohort** (January 2024 to March 2024), **6th Cohort** (Sep 2023 to November 2023) and **5th Cohort** (May 2023 to July 2023) respectively. Pragati Engineering College (Autonomous) received award from **Dr. Pramod Sawant, Chief Minister, Goa** for securing All India Institutional Rank 1 in Virtual Internships for 2023.

iii. **Pragati Engineering College (Autonomous)** is awarded **Best Performing Institute – 2023** under the categories **Alteryx SparkED, AWS Academy, Celonis Academy, Google for Developers, Juniper Networks, Microchip, Palo Alto Networks, SS&C Blue Prism** and **UiPath Academic Alliance** by **EduSkills Connect,** Next GEN Skill Conclave for exemplary contribution and outstanding performance.

iv. **Dr. P. Krishna Rao, Chairman of Pragati Engineering College (Autonomous)** is awarded **Certification of Appreciation** in honor of active support to **EduSkills Center of Excellence (CoE) Programme** presented by EduSkills Connect 2023, Next Gen Skills Conclave. Total 11 technical awards and 1 chairman award received in Eduskills Conclave.

v.   **Pragati Engineering College (Autonomous)** is awarded **Certificate** from **ASIA BOOK OF RECORDS** for supporting the record event **"Highest Number of Virtual Internships Completed"** set by EduSkills Foundation, Bhubaneswar, Odisha and All India Council for Technical Education (AICTE).

vi. **Pragati Engineering College (Autonomous)** received two **Academic Excellence Awards** from **Smart Bridge** for **highest completions** of **Salesforce Virtual Internship.**

vii. **Ms. Sahana Telugunta (21A31A4430)** studying B.Tech IV year in CSE (DS) branch got selection to **AUTODESK** with a **CTC of 40 lakhs per annum** and **45,000/- per month stipend** amount during internship period.

viii. **Ms. Siddi Naga Pradeepthi (21A31A0532)** studying B.Tech III year in CSE branch, mentored by Dr. D. V. Manjula Assoc. Prof & HoD of CSE department and Mr. Manas Kumar Yogi, Asst. Prof of CSE department of Pragati Engineering College, stood one among the 387 approved ideas under **Minister of Micro Small Medium Enterprises (MSME) project under MSME Women Idea Hackathon 3.0 (Women)**, under which an amount of **Rs. 12.00 Lakh** was granted for the development of the idea.

ix. **Google Developer Student Clubs (GDSC)** of **Pragati Engineering College (Autonomous)** reached impressive heights by attaining **Tier 1 status** in the GDSC **India's Google Cloud Study Jam!** Tire#1, which enable 80 students to complete the Google Cloud Computing Foundations Pathway and GenAI Arcade game.

x.   **Four Departments** of our Pragati Engineering College (Autonomous) namely CSE, ECE, EEE and ME are recognized as Research Centres by JNTUK, Kakinada, for the academic years 2023-24 and 2024-25.

xi. **Institution's Innovation Council (IIC)** established at **Pragati Engineering College (Autonomous)** had undertaken various activities prescribed by Innovation Cell, Minister of Education, Govt. of India to promote Innovation and Start-up in campus during the IIC calendar year 2022-23. We got *** Star (3 star) rating for the activities conducted during the academic year 2022-23.

xii. **Pragati Engineering College (Autonomous)** received **Best Performing Institution Award,** from **CISCO Systems Private Limited**.

xiii. **Pragati Engineering College (Autonomous)** is rated as **AAA+** by **Careers 360** making it one of the best engineering institutes in the country for the academic years 2023 and 2024.

xiv. Three faculty members of the college **Dr.N.Prasanthi, Dr. M. Sri Lakshmi and Dr.Ch. Venkateswarlu** received Ph.D from ANU, JNTUK and ANU respectively during June 2023 to June 2024.

xv. **2024 outgoing batch** of students secured **1412 Placement offers** in various MNCs as on date.

xvi. A total of **151 Papers** were **published** in various reputed journals like **SCI expanded, Scopus Indexed, UGC CARE** etc., **and 10 Patents** were Filed/Published by faculty during the last one year.

xvii. **Ms. Devalla Surya Naga Laxmi Sahithi** (21A31A4207) of III B.Tech in CSE (AIML) branch has been selected for **ACM Winter School Training Program** in Data Science SRM University Chennai among the top 40 members all over India.

xviii. **Ms. Ravuri Dhanalakshmi** (21A31A4337) of III B.Tech in CSE (AI) branch is selected as "**Google Cloud Computing Foundation (GCCF) Student Mentor**".

xix. **Mr. Gade Pavan Satya Sai** (20A31A0538) of IV B.Tech in CSE branch has been selected as **Cisco System (India) Private Limited Campus Representative**.

xx. **Mr. Chakka Sai Rithin** (21A31A4341) of III B.Tech in CSE (AI) branch is selected as the **UIPATH Student Developer Champion**.

xxi. **Ms. Chintagunta Eswari Naga Sai Priya** (21A31A4205) of III B.Tech in CSE (AIML) branch has been selected as **Unstop Campus representative** for Unstop brand Ambassador program.

1. **Item No 1: Review on action taken on minutes of previous committee meeting**

Suggestion in previous IQAC Meeting	Action Taken
Preparation of Academic Calendars for 2024-25 Academic Year	Completed and circulated among students and Faculty
IQAC Year plan for the AY	Additional faculty training programmes are proposed to enhance teaching methodologies. Departments are advised to prepare action plans for executing the initiates
Discussion on Result Analysis	Initiated a detailed data-driven analysis of student performance, focusing on identifying specific subject areas and assessment methods that require targeted interventions for improvement
Review of Research Activities	Initiatives were taken to improve the quality of publications and more research activities were planned
Student Induction Program for Freshers	A detailed schedule is prepared as per the instructions given by AICTE, APSCHE and JNTUK
Discussion of NAAC Accreditation Planning	Assigned responsible individuals for the completion of pending NAAC accreditation requirements
ERP implementation and planning	Reviewed the ERP system performance and identified areas of improvement and a follow up review will be conducted in next cycle

2. Item No 2: NAAC Accreditation planning

The Accreditation team, Mr. V Prashanth, Associate Prof. ECE, Mr. T Sekhar, Assistant Prof. of ECE and Mr. GVN Santhosh, Associate Prof. of ME informed the committee regarding the upcoming inspection and informed HoDs for the completion of NAAC accreditation documentation.

3. Item No 3: Review of Result Analysis

Dr. Y Jayababu, Controller of Examinations, presented the student results for the members to review

a. Regular Examinations

i) III B.Tech II Semester Regular Examinations (R20), April 2024

Branch	III B.Tech II semester (2021 Adm. Batch)			
	Appeared all subjects	Passed	Failed	Pass %
Civil Engineering	57	46	11	80.70
Electrical and Electronics Engineering	137	121	16	88.32
Mechanical Engineering	122	77	45	63.11
Electronics and Communications Engineering	355	333	22	93.80
Computer Science and Engineering	213	201	12	94.37
Information Technology	70	66	4	94.29
Computer Science and Engineering (Artificial Intelligence & Machine Learning)	144	133	11	92.36
Computer Science and Engineering (Artificial Intelligence)	71	63	8	88.73
Computer Science and Engineering (Data Science)	72	64	8	88.89
Total	**1241**	**1104**	**137**	**88.96**

ii) IV B.Tech II Semester Regular Examinations (R20), May 2024

Branch	IV B.Tech II semester (2020 Adm. Batch)			
	Appeared for Project Viva-voce	Passed	Failed	Pass %
Civil Engineering	124	124	0	100.00
Electrical and Electronics Engineering	120	120	0	100.00
Mechanical Engineering	125	125	0	100.00
Electronics and Communications Engineering	348	348	0	100.00
Computer Science and Engineering	208	208	0	100.00
Information Technology	70	70	0	100.00
Computer Science and Engineering (Artificial Intelligence & Machine Learning)	70	70	0	100.00
Computer Science and Engineering (Data Science)	67	67	0	100.00
Total	**1132**	**1132**	**0**	**100.00**

b. Details of Supplementary Examinations Results

S.No.	Name of the Examination	No. of Students Appeared	No. of Students Passed	Pass %
1.	III B.Tech II Semester Supplementary(R16), May 2023	30	21	70.00
2.	III B.Tech II Semester Supplementary(R19), May 2023	78	39	50.00
3.	III B.Tech I Semester Supplementary(R16), May 2023	19	13	68.42
4.	III B.Tech I Semester Supplementary(R19), May 2023	87	38	43.68

5.	III B.Tech I Semester Supplementary(R20), May 2023	195	107	54.87
6.	II B.Tech II Semester Supplementary(R16), June 2023	28	14	50.00
7.	II B.Tech II Semester Supplementary(R19), June 2023	143	63	44.06
8.	II B.Tech II Semester Supplementary(R20), June 2023	116	61	52.59
9.	II B.Tech I Semester Supplementary(R16), June 2023	22	07	31.82
10.	II B.Tech I Semester Supplementary(R19), June 2023	82	19	23.17
11.	II B.Tech I Semester Supplementary(R20), June 2023	322	123	38.20
12.	IV B.Tech II Semester Supplementary(R16), June 2023	11	07	63.64
13.	IV B.Tech II Semester Supplementary(R19), June 2023	32	17	53.13
14.	I B.Tech II Semester Supplementary(R16), July 2023	09	03	33.33
15.	I B.Tech II Semester Supplementary(R19), July 2023	50	18	36.00
16.	I B.Tech II Semester Supplementary(R20), July 2023	229	93	40.61
17.	I B.Tech I Semester Supplementary(R16), July 2023	6	6	100.00
18.	I B.Tech I Semester Supplementary(R19), July 2023	35	8	22.86
19.	I B.Tech I Semester Supplementary(R20), July 2023	332	124	37.35
20.	III B.Tech I Semester Supplementary(R16), Nov 2023	15	5	33.33
21.	III B.Tech I Semester Supplementary(R19), Nov 2023	53	4	7.55
22.	III B.Tech I Semester Supplementary(R20), Nov 2023	96	44	45.83
23.	IV B.Tech I Semester Supplementary(R16), Dec 2023	19	05	26.32
24.	IV B.Tech I Semester Supplementary(R19), Dec 2023	52	22	42.31
25.	II B.Tech I Semester Supplementary(R16), Dec 2023	11	6	54.55
26.	II B.Tech I Semester Supplementary(R19), Dec 2023	54	22	40.74
27.	II B.Tech I Semester Supplementary(R20), Dec 2023	232	110	47.41
28.	III B.Tech II Semester Supplementary(R16), Dec 2023	12	3	25.00
29.	III B.Tech II Semester Supplementary(R19), Dec 2023	38	18	47.37
30.	III B.Tech II Semester Supplementary(R20), Dec 2023	174	97	55.75
31.	II B.Tech II Semester Supplementary(R16), Dec 2023	19	10	52.63
32.	II B.Tech II Semester Supplementary(R19), Dec 2023	80	30	37.50
33.	II B.Tech II Semester Supplementary(R20), Dec 2023	315	132	41.90
34.	I B.Tech I Semester Supplementary(R16), Jan 2024	3	0	0.00
35.	I B.Tech I Semester Supplementary(R19), Jan 2024	27	10	37.04
36.	M.Tech III Semester, Jan 2024	2	1	50.00
37.	M.Tech I Semester, Feb 2024	3	3	100.00
38.	I B.Tech I Semester Supplementary(R20), Jan 2024	235	70	29.79
39.	I B.Tech II Semester Supplementary(R16), Feb 2024	9	3	33.33
40.	I B.Tech II Semester Supplementary(R19), Feb 2024	33	14	42.42
41.	I B.Tech II Semester Supplementary(R20), Feb 2024	372	123	33.06
42.	IV B.Tech I Semester Supplementary(R16), Mar 2024	17	15	88.24
43.	IV B.Tech I Semester Supplementary(R19), Mar 2024	35	14	40.00
44.	IV B.Tech I Semester Supplementary(R20), Mar 2024	66	55	83.33
45.	III B.Tech II Semester Supplementary(R16), Apr 2024	14	6	42.86
46.	III B.Tech II Semester Supplementary(R19), Apr 2024	27	6	22.22
47.	III B.Tech II Semester Supplementary(R20), Apr 2024	76	42	55.26
48.	IV B.Tech II Semester Supplementary(R16), May 2024	8	5	62.50
49.	IV B.Tech II Semester Supplementary(R19), May 2024	17	10	58.82

4. **Item No 4: Review of Institution and Department Activities**

   a. **Training & Placement Activities**

   Placements

Year	Total Offers	Highest CTC	Average CTC	No. of companies recruited	No of offers more than 5 LPA
2023-24	1412	12.00LPA	4.30LPA	52	118

   Category/Industry wise

Year	No. of companies recruited	IT	Core	EdTech	ITES	Others
2023-24	52	27	21	4	-	-

Dept. wise Placements

Particulars	Civil	EEE	ME	ECE	CSE	CSE (AI&ML)	CSE (DS)	IT	Total
2023-24									
Total No. of students	124	121	124	348	209	70	67	70	1133
No. of Eligible students	107	99	119	307	199	69	59	54	1013
% of Eligible students	86.29	81.82	95.97	88.22	95.22	98.57	88.06	77.14	89.14
No. of offers	**97**	**142**	**184**	**424**	**303**	**106**	**87**	**69**	**1412**
No. of placed students	66	93	118	259	151	57	51	45	840
% of students placed out of Eligible students	61.68	93.94	99.16	84.36	75.88	82.61	86.44	83.33	82.92
% of students placed out of Total students	53.23	76.86	95.16	74.43	72.25	81.43	76.12	64.29	74.14

Company wise Placements – 2024 graduating batch

S. No.	Name of the Company	No. of selections	CTC (in lakhs)
1	Accenture	202	4.6 - 6.5
2	HP	10	10.80
3	Deloitte	24	4.50
4	InsurStaq Technologies Private Limited	1	12.00
5	ITC Infotech India Ltd	1	4.25
6	Netenrich Technologies Pvt. Ltd.	6	4.50
7	PalTech	6	4.00
8	Prolifics Corporation Ltd	4	4.00
9	Revature	22	3.25 - 4.5
10	Riktam Technology Consulting Pvt. Ltd.	1	5.50
11	TCS	66	3.3 - 7.0
12	TechMahindra	80	3.25 - 5.50
13	Tvarana	9	26 (Cumulative)
14	Wilco Source Technologies Pvt Ltd	2	3.50
15	Worksoft Inc	5	4.50
16	Zen Technologies Limited	1	3.50
17	VEM TECHNOLOGIES PVT. LTD.	2	3.5 - 5.5
18	Avya IT Pvt Ltd	2	2.4 - 4.8
19	BeamX Tech Labs Pvt Ltd.	4	3.60
20	BigWorks	6	29 (Cumulative)
21	Cargill	1	5.66
22	CarTrade	14	3.50
23	Computer Generated Solutions India Private Limited	11	3.60
24	Coramandel Electronics	9	2.00
25	Hyundai Motor India Engineering- R&D	1	5.00
26	Keolis	30	3.25
27	Rane Engine Valve Limited	5	4.00
28	Rane Light Metal Castings India	2	4.00
29	8th Element	1	4.50
30	Acunor infotech Pvt Ltd	1	3.00
31	AlcoveX Product Studio	7	3.0 -6.0
32	Allsec Technologies	3	3.00
33	Autoneum Nittoku Sound Proof Products India Pvt. Ltd	19	3.00
34	Avineon	1	2.18

35	Dong Ah Electric India Pvt. Ltd	36	2.75
36	Intellipaat	11	7.25
37	KJ Systems India Pvt. Ltd.	5	4.20
38	KYB Motor Cycle Suspension India Pvt. Ltd.	80	2.16
39	Milekal Engineering Private Limited	11	2.4-4.8
40	MoldTek Technologies Limited	5	2.40
41	Movate	10	2.4 - 3.6
42	Power Mech Projects Ltd.	22	3.00
43	Qh Talbros	42	2.17
44	RINEX	39	5.20
45	Savantis Solutions LLC	72	3.50
46	SNY Autotech Pvt Ltd	48	2.75
47	Syneins Enterprise Systems Pvt Ltd.	1	4.50
48	[24]7.ai	14	2.9-3.5
49	TAKO Mega Construction Pvt Ltd.	3	3.00-3.50
50	Teachnook	303	4 to 6
51	Teleperformance for Google	102	2.40
52	TVS Sundram Fasteners Ltd.	49	2.04

Industry Initiatives

S. No	Industry Collaboration	Status	2020-24 batch	2021-25 batch	2022-26 batch	2023-27 batch	Total
1	Aws Data Engineering Virtual Internship	Completed	966	323	74	31	1394
2	Aws Ai-Ml Virtual Internship	Completed	641	472	133	0	1246
3	Palo Alto Cybersecurity Virtual Internship	Completed	105	369	618	73	1165
4	Google Android Developer Virtual Internship	Completed	81	564	407	31	1083
5	Google Ai-Ml Virtual Internship	Completed	17	445	467	24	953
6	Aws Cloud Virtual Internship	Completed	596	174	87	1	858
7	UipathRpa Developer Virtual Internship	Completed	22	111	226	448	807
8	Juniper Networking Cloud Virtual Internship	Completed	233	259	239	0	731
9	Microchip Embedded System Developer Virtual Internship	Completed	308	235	149	9	701
10	Blue Prism Intelligent Automation Virtual Internship	Completed	45	203	177	194	619
11	Celonis Process Mining Virtual Internship	Completed	43	364	90	28	525
12	Alteryx Data Analytics Process Automation Virtual Internship	Completed	108	154	142	17	421
13	Fortinet Network Security Associate Virtual Internship	Completed	82	41	149	26	298
14	Juniper Networking Virtual Internship	Completed	40	79	154	3	276
15	Zscaler Zero Trust Cloud Security Virtual Internship	Completed	45	9	145	28	227
16	Celonis Business Analyst Virtual Internship	Completed	7	92	47	59	205
17	Bentley Structural Analysis with Staad. Pro Virtual Internship	Completed	8	17	13	67	105
18	Altair Conceptual CAE Design and Simulation Virtual Internship	Completed	0	29	9	65	103
19	Altair Data Science Master Virtual Internship	Completed	0	12	52	16	80

20	Bentley Water Resource Management Virtual Internship	Completed	0	36	5	32	73
21	Salesforce Virtual Internship	Completed	241	536	147	0	924
22	CISCO-Cyber Security Essentials Virtual Internship	Completed	216	157	27	0	400
23	Google (Google Cloud Computing Foundation)	Completed	0	128	0	0	128
24	CCC	Completed	120	0	0	0	120
25	EZTS	Completed	480	0	0	0	480
26	Pyramid	Completed	480	0	0	0	480
27	Face Prep	Completed	480	0	0	0	480
28	Rise Up Service now	Completed	120	0	0	0	120
	Total		**5484**	**4809**	**3557**	**1152**	**15002**

b. R&D Activities

Research Papers Published

The following publications were made by faculty of the following departments in SCI/SCOPUS /UGC CARE recognized journals.

Dept	SCI Expanded Journals	SCOPUS Indexed Journals	UGC CARE Journals	Others / Communicated and Under Review	Total
EEE	---	---	24	---	**24**
ME	01	---	62	---	**63**
ECE	---	02	07	01	**10**
CSE	---	04	03	02	**09**
IT	---	---	06	---	**06**
CSE-AI&ML	---	---	19	--	**19**
CSE-DS	---	---	14	---	**14**
BS&H	---	03	03	---	**06**
Total	**01**	**09**	**138**	**03**	**151**

Patents Filed / Published

S. No.	Dept	Name of Faculty	Title of Innovation	Published/ Filing details	Date & Reference No
1	CSE	Dr. M. Radhika Mani	Banana Fiber Extractor	Published	390362 dated 13-07-2023
2		Mr. Manas Kumar Yogi	Deploying Reinforcement Learning for IoT Forensics	Published	20/10/2023, No.202341065714A
3		Mr. Manas Kumar Yogi	Application Of Multi Objective Differential Evolution Mechanism for Cyber Security Policy Optimization	Published	12/01/2024, No.202341089155A
4		Dr. V. Manjula	Vitamin D Facilitator	Published	202341040654A Dated 14-06-2023
5	ME	Dr. G Satish	Banana Fiber Extractor	Applied	390362 dated 13-07-2023
6	ME	Dr. G Satish	A VEHICLE GAS FLOW SYSTEMS USING ALTERNATIVE FUELS AND METHOD THEREOF	Published	Application No. 202341061459 IPINDIA 06.10.2023
7	ECE	Dr. V. Sailaja	Intelligent Iot-Based Maternal Health Monitoring Device with Cloud Integration	Published	202341060034 06/10/2023
8	ECE	Dr. V. Sailaja	Next-generation AI Chatbot with Advanced Language Understanding and Generation Capabilities	Published	202341050566 01/09/2023

| 9 | IT | Dr. M. Uma Devi | Multi Objective Differential Evolution Mechanism for Cyber Security Policy Optimization" | Date of Filing: 27-12-2023, Publication Date:12-01-24. | Application No.202341089155 |
| 10 | CSE-DS | Mr. K. Srikanth | Application of Multi Objective Differential Evolution Mechanism for Cyber Security Policy Optimization. | Date of filing application: 27/12/2023 | 12/01/2024 and 202341089155A |

c. **Student Achievements and Participation**

Achievements

S. No.	Event	Awards Won
1.	Poster presentation	2
2.	Project display	15
3.	Workshops	3
4.	PPT	4
5.	Science Expo	2
6.	Project Expo	2
7.	Robo spark	13
8.	Circuit Quest	2
9.	Tech Art	1
10.	Innovative fair ideas	3
11.	Tricky loops	2
12.	Extra-Curricular Events	12
13.	Technical Events Conducted	10
14.	Sports & Games	161
15.	Engineers Day	16
16.	Other Activities	22
Total		**270**

Participation

S. No.	Event	Total
1.	Paper publications	182
2.	Workshops	583
3.	Online Internships / Offline Internships / Online courses	1550
4.	NPTEL Certification Courses / Online Certificates	689
5.	IE (I) Memberships	30
6.	Industrial visit	281
7.	Gate Qualified	11
8.	Smart Pragati Hackathon (SPH)	24
9.	Microsoft Learn Student Ambassador	2
10.	UiPath Student Developer Champion	1
11.	Book Chapter Published	3
12.	Industry Training Certificates	19
13.	Government Project sanctioned (MSME)	1
14.	Competitive Exams qualified Students	21
15.	Other Activities	64
16.	NCC/NSS	63
17.	I Year Activities	1204
Total		**4728**

5. **Item No 5: Discussion on CO-PO Tool for R23 Regulations**

   It was suggested that the CO-PO tool should be customized to meet the specific requirements of R23 regulations. The attendees agreed that the tool should be able to track the attainment of the program outcomes as defined by the regulations. Mr. P. Krishna Chaitanya, Assistant Professor of ECE is advised to modify the tool as per the discussions

6. **Item No 6: Discussion on Submission of AQAR**

   Dr. P V S Machiraju, IQAC coordinator provided detailed format of new AQAR for Academic Year 2022-23 and 2023-24, Committee discussed on the submission of the AQAR, addressing timelines, data collection, and the alignment of AQAR with the Institution's overall quality enhancement strategies.

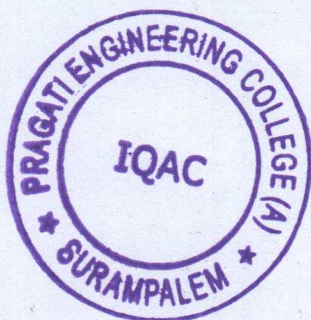7. **Item No 7: ERP implementation and execution**

   The committee discussed the progress and challenges of ERP implementation and execution, emphasizing the need for streamlined communication and training to ensure a successful integration of the system across all departments.
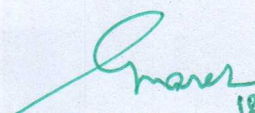
8. **Item No 8: Roles and responsibilities of Mentors**

   The committee discussed and finalized the roles and responsibilities of mentors, emphasizing their guidance in academic and personal matters to foster holistic student development, effective communication, and regular progress monitoring.

   The Convener informed the members that a draft will be prepared and will be circulated for Head of the Departments opinion.

9. **Item No 9: Any other Item**

PRINCIPAL 18/07/204

Principal
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