



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: 20-02-2023

Circular

A meeting is convened with the members of IQAC Committee at 02:00 PM on 24-02-2023 at IQAC Conference Hall to discuss the following agenda. All the IQAC members are requested to attend the meeting to discuss various activities.

Agenda:

1. Review on action taken on minutes of previous committee meeting
2. Review of NAAC work
3. Review of Syllabus Coverage
4. Review of Result Analysis
5. Review of Research Activities
6. Review of Quality Policies
7. Discussion on Submission of Annual Quality Assurance Report (AQAR)
8. Any other item

Copy to:

1. Circulate among IQAC Members
2. IQAC File
3. Principal office File.

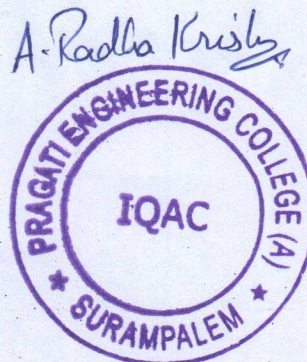
Principal

PRINCIPAL

PRAGATI ENGINEERING COLLEGE

(AUTONOMOUS)

1-378, ADB ROAD, SURAMPALAM
Near Peddapuram, E.G.Dt. (AP)-533 437





Learning is Supreme Deity

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

INTERNAL QUALITY ASSURANCE CELL (IQAC)

Minutes of IQAC – Meeting No. 42 dated on 24th February 2023

The following members attended the Meeting

S.No.	Name of the person	Designation
1.	Dr. K. Satyanarayana	Chairperson
2.	Sri M V Haranatha Babu, Director (Mgmt)	Member from Employer
3.	Dr. A Radha Krishna, Assoc. Prof. of CSE(AIML)	Coordinator
4.	Mr. V Prasanth, Assoc. Prof. of ECE	Co-Coordinator
5.	Mrs. B Vasantha Lakshmi, Assoc. Prof. of ECE	Faculty representative
6.	Mr. A Ravi Teja, Asst. Prof. of CE	Faculty representative
7.	Mr. A Janardhana Rao, Asst. Prof. of CSE	Faculty representative
8.	Ms. Vara Lakshmi, Asst. Prof. of EEE	Faculty representative
9.	Mrs. T Ganga Bhavani, Asst. Prof. of IT	Faculty representative
10.	Mr. B Hari Krishna, Asst. Prof. of ME	Faculty representative
11.	Mr. G Bhaskara Rao, Asst. Prof. of BSH	Faculty representative
12.	Mr. G K V V Nageswara Rao	Member from local society
13.	Mr. M. Srinivas	Member from Industry
14.	Mr. Sessa Sai	Alumni member
15.	Mr. Devu Raja Sekhar (20A31A0274)	Student representative
16.	Mr. P Lakshmi Sowjanya (20A31A0484)	Student representative

[Handwritten signature]

[Handwritten signature]

[Handwritten signature]

[Handwritten signature]

[Handwritten signature]

[Handwritten signature]

[Handwritten signature]

[Handwritten signature]

[Handwritten signature]

[Handwritten signature]

[Handwritten signature]

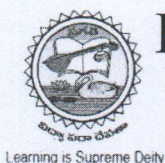
[Handwritten signature]

[Handwritten signature]

[Handwritten signature]

[Handwritten signature]

[Handwritten signature]



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

INTERNAL QUALITY ASSURANCE CELL (IQAC)

Minutes of IQAC – Meeting No. 42 dated on 24th February 2023

IQAC meeting is held at conference hall dated on 24th February 2023 at 2:00 P.M under the Chairmanship of Dr. K. Satyanarayana, Principal, Pragati Engineering College (Autonomous), to discuss following agenda and to adopt resolutions.

Dr. A Radha Krishna, Assoc. Prof. of CSE (AIML), IQAC Coordinator welcomed all the members and initiated the Proceedings.

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

Suggestion in previous IQAC Meeting	Action Taken
Discussion on Department Activities	Department wise activities calendar has prepared
Discussion on NAAC SSR Submission	Individual metric coordinators are assigned for collection of documents required to submit for the SSR
NIRF Ranking 2023	Data has been collected and reviewed for final submission

2. Item No 2: Review of NAAC work

The NAAC Coordinator Mr. V Prashanth informed the Criteria wise Coordinators to submit the finalized proofs of each metric to the NAAC Core Team for final verification and uploading the same for the SSR.

3. Item No 3: Review of Syllabus Coverage

Dr. G Satish, Assoc. Professor of ME & Academic Coordinator Submitted the syllabus coverage of all departments for review and Dr. K. Satyanarayana advised the HODs to allot periods who are lagging behind the syllabus.

4. Item No 4: Review of Result Analysis

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

Regular Examinations

i. IV B.Tech I Semester Regular Examinations (R19), November 2022

Branch	IV year I semester (2019 Adm. Batch)			
	Appeared all subjects	Passed	Failed	Pass %
Civil Engineering	117	.98	19	83.76

Electrical and Electronics Engineering	135	118	17	87.41
Mechanical Engineering	239	170	69	71.13
Electronics and Communications Engineering	345	311	34	90.14
Computer Science and Engineering	210	189	21	90.00
Information Technology	62	58	4	93.55
Total	1108	944	164	85.20

ii. **III B.Tech I Semester Regular Examinations (R20), December 2022**

Branch	III year I semester (2020 Adm. Batch)			
	Appeared all subjects	Passed	Failed	Pass %
Civil Engineering	125	99	26	79.20
Electrical and Electronics Engineering	119	78	41	65.55
Mechanical Engineering	123	75	48	60.98
Electronics and Communications Engineering	346	273	73	78.90
Computer Science and Engineering	209	189	20	90.43
Information Technology	68	55	13	80.88
Computer Science and Engineering (Artificial Intelligence & Machine Learning)	69	60	9	86.96
Computer Science and Engineering (Data Science)	66	53	13	80.30
Total	1125	882	243	78.40

iii. **III B.Tech I Semester Regular Examinations (R20), December 2022, CSE (Honors)**

Subject	Appeared	Passed	Failed	Pass%
Artificial Intelligence	71	71	0	100.00

iv. **III B.Tech I Semester Regular Examinations (R20), December 2022, CSE (Minors)**

Subject	Appeared	Passed	Failed	Pass%
Software Engineering	74	74	00	100.00

5. Item No 5: Review of Research Activities

The IQAC coordinator has presented the details of research activities for review

Research Papers Published:

Dept	SCI Expanded Journals	SCOPUS Indexed Journals	UGC CARE Journals	Others / Communicated and Under Review	Total
EEE	2	1	26	-	29
ME	2	1	64	2	69
ECE	1	2	2	1	6
CSE	1	1	-	42	44
IT	2	-	17	2	21
BS&H	--	1	--	--	1
Total	8	6	109	47	170

Patents Filed / Published:

S.No.	Dept	Name of Faculty	Title of Innovation	Published/ Filing details	Date & Reference No
1	IT	Dr. D.Sirisha, Dr. S.Sambhu Prasad & Dr. Subodh Kumar Panda	Machine Learning based Plant Disease Identification and Treatment Suggestion System	Published	Publication Date: 01-07-2022 Application No. 202041056517
2	IT	Dr. D.Sirisha, Dr. S.Sambhu Prasad & Dr. Subodh Kumar Panda	Intelligent System Designing for Optimizing Fuel and Utilization through Minimizing Indirect Losses on Enhancing Efficiency of Power Plant	Published	Application No. 202041056516. Publication Date: 01-07-2022
3	CE	Dr. K. Saroja Rani Ms. A. Srividya Shanmukha Sastry	Implementation of Green Internet of things (IOT) for Eco-friendly and Sustainable Smart Cities	Published	ISSUE NO. 02/2023 Publication Date: 13/01/2023
4	ECE	Dr. S. Koteswari	"Improved handling of Electronic Messages with Attachments in the Cyber security Systems"	Published	Application No.202241066081 The Patent Office Journal No. 51/2022 Dated 23/12/2022
5	ECE	Mrs. B. Vasantha Lakshmi	Hybrid ultra-fast E vehicle charging station with cloud-based battery management	Published	202241044435
6	ECE	Dr. J Sharon Rose Victor	Combined Integer and Discrete Wavelet Transform with Harris Hawks Optimization for Color Image Watermarking	Filed on 02-09-2022	POJNo.35/2022
7	ME	Dr. Avinash G	An Artificially Intelligent Computational Fluid Dynamics System and Method for Smart Valves	Published	16/12/2022 202241071000

Details of Major Research Projects sanctioned with Financial Grant by Funding Agencies

S.No.	Title of the Proposal	PI and Co-PI Details	Scheme	Funding Agency	Financial Grant sanctioned	Present Status
1	Spatial Distribution of Uranium and Associated Water Quality Parameters in Ground water/Drinking water of Four districts West Godavari, Krishna of A.P and Khammam and	1. Mr. P. Satyanarayana 2. Dr. P.V.S. Machiraju	36(4)/1 4/24/20 17- BRNS/ 36195 dated 08-12- 2017	BRNS, BARC, Mumbai	Rs. 30,63,727	Completed and Report submitted on 30-11-2022

	Warangal of Telangana					
2	Enhancement of Tribal People Livelihood through Intervention of Banana Fiber Handicrafts (STI Hub for ST Scheme R&D)	Principal Investigator: Dr. M Radhika Mani HoD CSE, Co-Investigator-1: Dr. G Satish Assoc. Prof. of ME Co-Investigator-2: Dr. R Dharmalingam Assoc. Prof. of ME Co-Investigator-3: Dr. T Srikanth Prof. of ME Ideal Institute of Technology Co-Investigator-4: Mr. S Vamsi Kiran Assoc. Prof. Management Science	SEED-TSP	DST	Rs 71,09,460/-	Ongoing Ref No: DST/SEE D/TSP/ST I/2020/33 5)
3	“Socio-economic upliftment of SC communities through Cultivation and Sustainable utilization of <i>Azolla</i> and <i>Microalgae</i> Biomass as Cattle and Fish feed”	PI: Dr. P V S Machiraju Co PI 1 Mrs. R Amulayam Co PI 2 Mr. P Raj Shekhar Phaneendra Co PI 3 Dr. S Sambhu Prasad	DST /SEED/ SCSP/S TI/2020 /429	DST Ministry of Science & Technology New Delhi	Rs. 82,51,132/-	Ongoing

Details of Proposals submitted to DST, AICTE for sanction of Financial Grant

S No	Title of the Proposal for the Scheme	PI and Co-PI Details	Funding Agency	Financial Grant requested	Submission Date	Status
1.	A Framework for Tribal Women Empowerment, Entrepreneurship and Capacity Development around East Godavari districts of Andhra Pradesh: A mile stone for AtmaNirbhar Bharat	Dr. S. Koteswari	SERB – POWER DST	Rs. 29,40,000	29-9-2022	File Number: SPG/2022/000517 Provisionally accepted for further processing
2.	PEC project Club	Dr. S. Koteswari	AICTE SPICES Scheme	Grant requested Rs. 1,00,000	19-09-2022	Approved

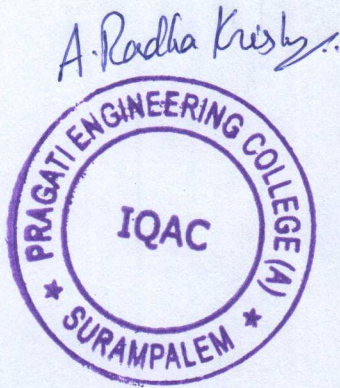
6. Item No 6: Review of Quality Policies

The committee has discussed about various existing quality policy and after reviewing them the members has advised some changes in the policies.

7. Item No 7: Discussion on AQAR

Dr. A Radha Krishna, IQAC coordinator provided details regarding the AQAR for Academic Year 2021-22 and the 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.

8. Item No 8: Any other Item



[Signature]
PRINCIPAL
PRINCIPAL
PRAGATI ENGINEERING COLLEGE
(AUTONOMOUS)
1-378, ADB ROAD, SURAMPALEM
Near Peddapuram, E.G.Dt. (AP)-533 437