

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)

Date: 13-02-2024

Circular

A meeting is convened with the members of IQAC Committee at 02:00 PM on 17-02-2024 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. Action plan for the 2024-25 activities
7. Any other item

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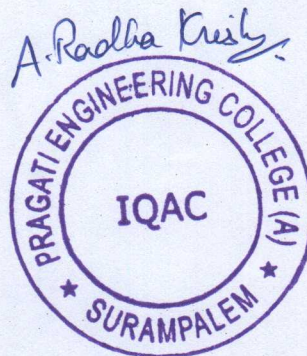
1. Circulate among IQAC Members
2. IQAC File
3. Principal office File.

Principal

Principal

PRAGATI ENGINEERING COLLEGE
(AUTONOMOUS)

No. 3-180, ADB Road, Surampalem 533437
E.G. District, Andhra Pradesh





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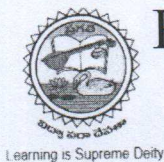
Learning is Supreme Deity

INTERNAL QUALITY ASSURANCE CELL (IQAC)

Minutes of IQAC – Meeting No. 46 dated on 17th February 2024

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, Associate Professor 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, MD, Sri Lalitha Enterprises Industries Pvt Ltd	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



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INTERNAL QUALITY ASSURANCE CELL (IQAC)

Minutes of IQAC – Meeting No. 46 dated on 17th February 2024

IQAC meeting is held at conference hall dated on 17th February 2024 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 Submission of AQAR	Collected the data for the AY 2022-23 and proof documents are verified at criteria level by IQAC Co-coordinator, Mr. V Prashanth
Discussion on Updation of Institute Website	Mr. G Satya Mohan Chowdary is assigned to update the website periodically as per the data sent by the departments in line with format prescribed by IQAC
ERP implementation and execution	ERP is continued to be implemented in admissions, examinations, and colleges and more upgrades are planned to make the execution of activities smoother.
Roles and responsibilities of Mentors	More responsibilities were assigned to mentors to improve the guidance in terms of academic as well as personal development of the students
NIRF Ranking 2024	More efforts were made to get the ranking and a meeting is convened with the Doctorates and HoDs to conduct more research activities

2. Item No 2: Review of NAAC work

NAAC work status is presented by Coordinator Mr. V Prashanth for members to review with respect to the DVV clarifications asked with respect to the SSR submission done already. The committee advised to assign duties to faculty for completing the pending works.

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. III B.Tech I Semester Regular Examinations (R20), Nov 2023

Branch	III B.Tech I semester (2021 Adm. Batch)			
	Appeared all subjects	Passed	Failed	Pass %
Civil Engineering	58	43	15	74.14
Electrical and Electronics Engineering	138	104	34	75.36
Mechanical Engineering	119	81	38	68.07
Electronics and Communications Engineering	354	303	51	85.59
Computer Science and Engineering	215	209	6	97.21
Information Technology	71	68	3	95.77
Computer Science and Engineering (Artificial Intelligence & Machine Learning)	142	128	14	90.14
Computer Science and Engineering (Artificial Intelligence)	71	64	7	90.14
Computer Science and Engineering (Data Science)	72	66	6	91.67
Total	1240	1066	174	85.97

ii. III B.Tech I Semester Regular Examinations, Nov 2023 CSE (Honors)

Subject	Appeared	Passed	Failed	Pass%
Artificial Intelligence	33	33	0	100.00

iii. III B.Tech I Semester Regular Examinations (R20), Nov 2023 CSE (Minors)

Subject	Appeared	Passed	Failed	Pass%
Software Engineering	31	30	01	96.77

5. Item No 5: Review of Research Activities

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

Details of various 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	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	SEED-TSP DST Ref No: DST/SEED/T SP/STI/2020/ 335)	DST	Rs 71,09,460/-	Completed Final Report to be submitted

		Ideal Institute of Technology Co-Investigator-4: Mr. S Vamsi Kiran Assoc. Prof. Management Science				
2	"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/SCS P/STI/2020/ 429	DST Ministry of Science & Technology New Delhi	Rs. 82,51,132/-	Ongoing

Book Chapters Published by the Faculty from various Departments.

- i. **Dr. Manjula Devarakonda Venkata**, Human Resource Management Using Artificial Intelligence, Futuristic Trends in Artificial Intelligence, e-ISBN: 978-93-6252-924-4, IIP Series, Volume 3, Book 9, Part 5, Chapter 1
DOI/Link:<https://www.doi.org/10.58532/V3BIAI9P5CH1>
- ii. **Dr. Manjula Devarakonda Venkata**, Wearable Devices, Surveillance Systems, and AI for Women's Wellbeing," has been published in IG-Global International-Academic-Publisher, ISBN13: 9798369334065| EISBN13: 9798369334072
DOI: 10.4018/979-8-3693-3406-5-Ch008, **Scopus Indexed**
- iii. **Dr. Manjula Devarakonda Venkata**, IOT Architecture, Applications, Security and Privacy Issues, book chapter accepted in the book IoT: Applications and Technology", Accepted In Taylor & Francis publication
- iv. **Manas Kumar Yogi**, Facing Modern Day Cyber Attacks: Novel Perspectives in book titled, "Innovative Insights: Interdisciplinary Research Breakthroughs" ISBN:979-889186101-5, Publisher: Notion Press, Chennai.
- v. **Manas Kumar Yogi**, "A Comprehensive Study of Zero-Day Attacks", Journal of Information Technology and Digital World (ISSN: 2582-418X)
www.irojournals.com/itdw/
- vi. **Manas Kumar Yogi**, "Security Implementation in Internet of Medical Things", Routledge, Taylor and Francis group, <https://www.routledge.com/Security-Implementation-in-Internet-of-Medical-Things/Sapra-Sapra-Bhardwaj/p/book/9781032216034>
- vii. **Manas Kumar Yogi**, "Investigating the Scope of Chaos Theory for Cyber Threat Detection", Journal of Trends in Computer Science and Smart Technology (ISSN: 2582-4104), www.irojournals.com/tcsst/
- viii. **Manas Kumar Yogi**, "Security Implementation in Internet of Medical Things", Routledge, Taylor and Francis group, <https://www.routledge.com/Security-Implementation-in-Internet-of-Medical-Things/Sapra-Sapra-Bhardwaj/p/book/9781032216034>

Implementation-in-Internet-of-Medical-Things/Sapra-Sapra-Bhardwaj/p/book/9781032216034

- ix. **Manas Kumar Yogi**, "Investigating the Scope of Chaos Theory for Cyber Threat Detection", Journal of Trends in Computer Science and Smart Technology (ISSN: 2582-4104), www.irojournals.com/tcsst/
- x. **Avinash Gudimetla, S Sambhu Prasad, Satish Geeri, V. V. N. Sarat**, Fabrication of Al4032 Composites with Silicon Reinforcements for Assessment of Mechanical, Corrosive and Tribological Behaviour, Notion press, ISBN: 9798892332163, Dec-23
- xi. **Dr. Moka Uma Devi**, Problem Solving and Python Programming (First ed.). Scientific International Publishing House, ISBN N0:978-93-6132-663-9
- xii. **Dr. K Chakrapani, Dr. S Prasad**, Breaking Silence, Crafting Change: Feminist Dialogues in Indian Women's Novels, Chapter 3 Feminist Issues in Indian Women Novel in English, Vol. 2
- xiii. **Dr. K Chakrapani, Dr. S Prasad**, Post Colonial Literature and Literary Theory in India: A Comprehensive Analysis, Chapter 8 Post Colonial Literature and Literary Theory, May 2024
- xiv. **Mrs. D Rajyalakshmi**, Echoes of Equality in the Novels of Volga, Myth and Matriarchy: India Writers Deconstructing Mythology, 978-93-5506-835-4, First Edition, Pg, April 2024
- xv. **Mrs. L. Yamuna**, Part of Deep Learning in Personalized Healthcare and Decision Support Edited by ELSEVIER published a chapter on Application of Deep-Q learning in personalized health care Internet of Things ecosystem <https://www.elsevier.com/books-and-journals>.
- xvi. **Mrs. L. Yamuna**, Part of Deep Learning in Personalized Healthcare and Decision Support Edited by ELSEVIER published a chapter on "Development of a no-regret deep learning framework for efficient clinical decision-making". (Chapter 3 and Chapter15)

Ph. D Guidance

- i. **Dr. K Satynarayana**, Professor of EEE and Director (Academics) has been acting as a Research Supervisor for one Scholar of JNTUK, Kakinada in EEE department.
- ii. **Dr. G Naresh**, Professor of EEE and Principal has been acting as a Research Supervisor for two Scholars of JNTUK, Kakinada in EEE department.
- iii. **Dr. P V S Machiraju**, Professor of Chemistry has been acting as a Research Supervisor for four Scholars of JNTUK, Kakinada in Chemistry and one Scholar of Annamalai University, Chidambaram, Tamilnadu for Chemical Physics (Interdisciplinary).

- iv. **Dr. M Radhika Mani**, Professor of CSE & Dean - CDP has been acting as a Research Supervisor for two Scholars of JNTUK, Kakinada in CSE department.
- v. **Dr. V Sailaja**, Professor of ECE has been acting as Research Supervisor for two Scholars of JNTUK, Kakinada in ECE department.
- vi. **Dr. A Radha Krishna**, Assoc. Professor of CSE (AIML) has been acting as a Research Supervisor for one Scholar
- vii. **Dr D V Manjula**, Professor of CSE has been acting as a Research Supervisor for one Scholar

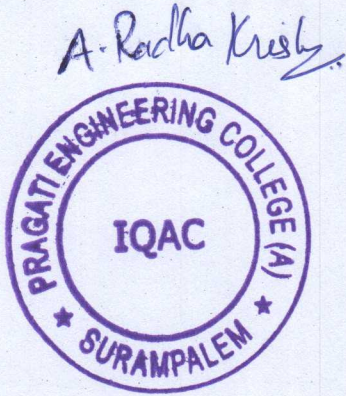
Ph. D Awards

- i. **Mrs. M Sri Lakshmi** Awarded Ph.D in Civil Engineering Department from JNTUK, Kakinada under the supervision of Dr. B. Krishna Rao, Prof of Civil Engineering and Director BICS College, JNTUK, Kakinada in Jan 2024.
- ii. **Mrs. N Prasanthi** Awarded Ph.D in Environmental Science Department from Acharya Nagarjuna University, Guntur, under the supervision of Dr. A V V S Swamy, Prof in Environmental Science, ANU in August 2023.

6. Item No 6: Action plan for the 2024-25 activities

The committee has discussed to outline the objectives and goals for the upcoming AY 2024-25 to focus on the Institutional development, student engagement and faculty development.

7. Item No 7: Any other Item




PRINCIPAL
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