



Methodist College of Engineering & Technology

(Affiliated to Osmania University – College code 1607)

King Koti Road, Abids, Hyderabad – 500 001. India

Ph: 040 – 24755999 www.methodist.edu.in

R&D AND CONSULTANCY CELL

Quality engineering education coupled with innovative research and development is very much essential towards the overall progress of the institution. Keeping this in view, the Research, Development & Consultancy Cell in Methodist College of Engineering & Technology, Hyderabad to promote and monitor the R & D Programs of the institution with a vision and mission to pursue and promote research in advanced technologies. R&D and Consultancy cell is headed by a senior faculty member as Coordinator and supported by HODs, doctorates, research scholars and students of various departments. The cell manages all the research Programs of the institution by monitoring and coordinating the R & D activities. It conducts the research review meetings to examine the quality of research undergoing in the institution. The R&D cell also recommends for the sanction of in-house research scholarships / incentives to students and faculty members for their research work and publications.

- Objectives
- Functions of R&D cell
- Committee Members
- R & D and Consultancy Policy
- R&D Calendar

Objective

To promote the culture of Research & Development among the faculty and students by creating a platform for exchanging and implementing of innovative ideas among institution and various research organizations in the cutting edge technologies related to Science and Engineering.

Functions of R&D and Consultancy Cell

1. To promote research activities in cutting edge technologies related to science and engineering.
2. To encourage faculty members in improving their skills and knowledge in research thrust areas.
3. To create platform for students to exhibit their technical skills and knowledge.
4. To analyze the research activities among the various departments to promote multi-disciplinary research culture.



Methodist College of Engineering & Technology

(Affiliated to Osmania University – College code 1607)

King Koti Road, Abids, Hyderabad – 500 001. India

Ph: 040 – 24755999 www.methodist.edu.in

5. To improve research facilities and resources mobilization through MoU and industry interaction.
6. To motivate the faculty members to submit research proposals to various funding agencies like AICTE, DST, IE(I) etc for obtaining funded projects
7. To encourage the faculty members to take up consultancy work in their specialized areas by utilizing the existing facilities.

R&D Committee:

1	Dr.Md.Fakhruddin H.N.	Associate Professor	Mech.	-	Coordinator
2	Dr. Vuppu Padmakar	Associate Professor	CSE	-	Member
3	Dr.B.Krishna Kumar	Professor	ECE	-	Member
4	Dr.G. Raghuchandra	Associate Professor	EEE	-	Member
5	Mrs.Shaista Begum	Associate Professor	Civil	-	Member
6	Mrs.Swathi Allibada	Assistant Professor	MBA	-	Member
7	Dr.G. Aravind	Assistant Professor	H&S	-	Member

Student Members:

1.	Rachaudi Abihikth	(ECE)	160715735003
2.	K Sanjay Kumar Reddy	(CSE)	160718733305
3.	B.Akhila Reddy	(EEE)	160718734002
4.	M.Shiva Kumar	(CE)	160718732060
5.	R. Lokesh Kumar	(ME)	160716736004
6.	Guda Narender	(MBA)	160717672020



Methodist College of Engineering & Technology

(Affiliated to Osmania University – College code 1607)

King Koti Road, Abids, Hyderabad – 500 001. India

Ph: 040 – 24755999 www.methodist.edu.in

Functions- PO mapping

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
F01		3	2	2		3						
F02	3	3	3	2		3						
F03	3			3		3						
F04	2	2		3					3			2
F05						2	2		2		2	
F06	2	3	2	2	1					3		2
F07	2	3	2	2	1							2

Roles & Responsibilities of R&D and Consultancy Coordinator

1. To provide guidance and directions to the faculty and students of research committee.
2. To discuss and propose R&D and consultancy policy issues.
3. To prepare annual budget planning.
4. Develop and maintain close ties with industry and government to promote technical exchange and collaboration on projects.
5. Encourage multidisciplinary research amongst faculty and students of various departments.
6. Provides review for proposals and appoint review committee and scrutiny committee.
7. To motivate the faculty and students in planning, organizing and participating in National / International conferences / workshops / seminars /FDPs to promote research activities.
8. To scrutinize the project proposals received from faculty and students and send them to various agencies for financial support.
9. To establish Code of Ethics to check malpractices and plagiarism in Research



Methodist College of Engineering & Technology

(Affiliated to Osmania University – College code 1607)

King Koti Road, Abids, Hyderabad – 500 001. India

Ph: 040 – 24755999 www.methodist.edu.in

Roles & Responsibilities of Faculty committee members:

1. To coordinate the research activities among the various departments of the college.
2. To help the department faculty members in publishing their research works in reputed journals.
3. To encourage the department faculty members to attend various National/International conferences of their specialized areas.
4. To encourage the faculty to attend various research oriented Faculty development programmes.
5. To guide faculty members to write effective research proposals for funding agencies.
6. To scrutinize the project proposals received from faculty and students of the respective departments.
7. To organize various workshops/ seminar/ trainings related to promotion of research.
8. To create awareness and help faculty members and students for filing Patents & IPR

Roles & Responsibilities of Student committee members

1. To create awareness among the students about the technological innovations and the future prospects of their survival in the industry.
2. Helping the department in organizing various events like workshops, seminars, training, certification course work
3. Identify the peer group talents and recommend them for participation in department research activities.
4. Promote and motivate students to organize and attend conference/workshops/ Seminars/Training
5. Helping faculty research committee in execution of research initiatives planned by R&D cell.



Methodist College of Engineering & Technology

(Affiliated to Osmania University – College code 1607)

King Koti Road, Abids, Hyderabad – 500 001. India

Ph: 040 – 24755999 www.methodist.edu.in

Incentive Policy

For attending Seminars and Conferences

In order to encourage and promote the research culture amongst the faculty members, the management has decided to offer the following incentives.

1. Paid leave will be granted when faculty members participate in Conferences, Seminars and workshops either for attending/presentation of research papers in their respective areas of specializations. Faculty are eligible for a maximum of 10 days of paid leave in an academic year. Prior approval is to be obtained from the Principal/Designated Authority. This leave will be granted only on production of attendance Certificate from the organizers of the event.
2. 50% of the registration fees paid by the faculty for attending the Conferences/Seminars/ workshops will be reimbursed by the college as an incentive on production of the receipts for the amount paid. The maximum amount to be reimbursed will be at the discretion of the designated authority.
3. Partial financial support will be extended to the faculty towards publication of research papers in the UGC approved / indexed Journals.

For Ph D programme:

1. Financial assistance to the faculty registered for PhD programme will be provided to the extent of Rs 30,000/- towards the Registration /Tuition fees during the course of study.
2. Paid duty leave will be granted to the faculty for attending their Pre PhD examinations

Incentives for SWAYAM – NPTEL Examination / Certification

SWAYAM-NPTEL is conducting Advanced and Basic level courses through MOOCs (Massive Open Online Courses). All the faculty can enrol to these courses on NPTEL portal through the local chapter of our college. The duration of these MOOCs is for 4/8/12 weeks and these MOOCs have regular assignments and proctored examination at the end of the course. Faculty members have to register for the examination by paying the prescribed fees, appear for the examination at the designated centres and pass the examination.

Certificates will be issued by NPTEL to only those faculties who enrol, attend the programme and qualify in the examination. As a faculty development, the Management has decided to encourage the Faculty members to enrol and pass the examination. In this context it is informed that faculty members who successfully clear NPTEL courses of 8/12 weeks duration in their respective domain during January- May, 2019 shall be paid cash incentives as per the following guidelines.



Methodist College of Engineering & Technology

(Affiliated to Osmania University – College code 1607)

King Koti Road, Abids, Hyderabad – 500 001. India

Ph: 040 – 24755999 www.methodist.edu.in

S No	Score in the examination	Type of certificate	Cash Incentive
1	40-59	Successfully completed	Rs 300
2	≥ 60	Elite	Rs 500
3	75-89	Silver	Rs 1000
4	≥ 90	Gold	Rs 1500
5	----	Gold +Topper	Rs 2000

Consultancy Policy

Objective: To establish a framework to support consultancy activities at Methodist College of Engineering and Technology

Eligibility

- This policy applies to all faculty and staff of Methodist College of Engineering and Technology
- The faculty or staff must ensure that the consultancy work does not create a conflict of interest with the role of the faculty in the college.

Circumstances under which consulting activity may be permitted

- The organization requiring consultancy services from faculty or the department shall write to the Director/Principal indicating the expertise required.
- The Director/Principal on receiving the request from the organization shall inform to the department concerned.
- The head of the department shall nominate the faculty or a group of faculty having the required expertise and get permission from the Director/Principal.
- The Director/Principal will take into account such factors as the compatibility of the activity with the responsibilities and commitments of the faculty member(s), potential conflicts of interest and the use of institution resources while granting permission
- An MOU may be signed between the organization and the department towards the nature of consultancy work and the commercials
- The faculty or a group of faculty engaged in the consultancy work shall periodically report the progress of the consultancy work to the Director/Principal through the head of the department.

Publications

- Publication arising from consultancy work shall include the faculty affiliation of the college and acknowledge for the facilities used from the college.

Intellectual property Rights (IPR)

- College IPR may be used where not in conflict with rights of third parties or any commercialization plan.



Methodist College of Engineering & Technology

(Affiliated to Osmania University – College code 1607)

King Koti Road, Abids, Hyderabad – 500 001. India

Ph: 040 – 24755999 www.methodist.edu.in

Other Commercial Rules

- College facilities and resources may be used and must be charged in line with the guidelines from time to time.
- Meeting related to consultancy work with the organization(s) may be conducted in college premises.
- Tax is applicable for the revenue generated through consultancy work.

Policy for Revenue Sharing in Consultancy

- In view of encouragement the management has decided to share the revenue generated out of consultancy services to the faculty or group of faculty or non-teaching staff involved in the consultancy work as detailed below:

S. No.	Particulars	Faculty	Management
1.	Use of institute space and or equipment	60%	40%
2.	For providing solutions/expertise to problems of the industry	80%	20%



Code of Ethics

Code of Ethics to check malpractices and plagiarism in Research

Objective:

To create awareness among faculty and students about conduct of research, promotion of academic integrity, prevention of malpractices and plagiarism in research at higher education institutions.

To develop a system to detect and prevent plagiarism in /research publications, books and book chapters of faculty and dissertation/thesis of PG students.

Procedure:

The following procedure is adopted by the College to check plagiarism in the thesis / dissertation / publication of research papers/chapters in books / full-fledged books and any other similar.

1. The research papers of the faculty/ student before sending to any journal or conference, it is run through anti-plagiarism software for checking the similarity index.
2. Levels of Plagiarism would be quantified into following levels in ascending order of severity:
 - Level 0: Similarities up to 10% - Accept
 - Level 1: Similarities above 10% and below 30% - Permissible
 - Level 2: Similarities above 30% and below 60% Resubmit
 - Level3: Similarities above 60% Reject
3. A Centralized facility for Research Publications check is established by IQAC Cell of our Institute. The IQAC cell will check the publications by Faculty/students to ensure that the research paper similarity index is below 30%.
4. If the similarity index (threshold acceptable authenticity) is less than 30%, then the clearance will be given to the paper for publication.

Principal / Director
Methodist College of Engg. & Tech
Abids, Hyderabad-01.

King Koti Road, Abids,
Hyderabad - 500 001. T.S., India.
Ph : 040-24753445, 24755999
www.methodist.edu.in