



Affiliated to Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon ■ कवयित्री बहिणाबाई चौधरी उत्तर महाराष्ट्र विद्यापीठ, जळगावशी संलग्न



## Government College of Engineering, Jalgaon शासकीय अभियांत्रिकी महाविद्यालय, जळगांव

An Autonomous Institute of Government of Maharashtra ■ महाराष्ट्र शासनाची स्वायत्त संस्था  
NAAC Accredited with grade B++ (2024-2029) ■ नेक द्वारा नामांकन ब++ (२०२४-२०२९)  
NH53, Jalgaon, Maharashtra, PIN 425 002 INDIA ■ राष्ट्रीय महामार्ग ५३, जळगांव, महाराष्ट्र, पिन ४२५ ००२ भारत  
+91-257-2281522 ■ principal.gcoejalgaon@dtmaharashtra.gov.in, principal@gcoej.ac.in  
Vision: Globally Accepted Engineers with Human Skills ■ Website: <https://www.gcoej.ac.in> ■ DTE Code: 5004



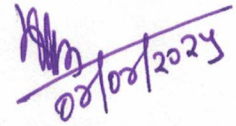
जा. क्र: शाअमज /आर अँड डी /२०२५/ ७६४

दिनांक १४ APR 2025

### परिपत्रक

सर्व अधिकारी यांना सूचित करण्यात येते की, संस्थेतील अधिष्ठाता, रिसर्च अँड डेव्हलपमेंट यांनी संस्थेच्या सर्वांगीन विकासाकरीता Research and Development, Innovation, Advancement, Networking, Collaboration, and Excellence (RADIANCE) योजना विस्तृत चर्चा व शिफारसी नंतर प्रस्तावीत केली होती. त्यानुसार संस्थेच्या वित्त समितीने नियामक मंडळास सदर योजनेची शिफारस केली. नियामक मंडळाने दि. ८/११/२०२४ च्या बैठकीत सदर योजनेला मंजूरी दिली.

RADIANCE योजने नुसार सर्व शिक्षकांना स्वतःच्या व संस्थेच्या विकासाकरीता विविध बाबी जसे शोध निबंध सादर करणे, विविध प्रशिक्षण घेणे, सीड मनी ग्रांट, व्यावसायिक संस्थांचे आजिवन सदस्यत्व घेणे, इत्यादी करीता पुढील तीन वर्षात रु. ५ लक्ष प्रती शिक्षक रक्कम मंजूर करण्यात आली आहे. तरी सर्व शिक्षकांनी सोबत जोडलेल्या धोरणांनुसार स्वतःच्या व संस्थेच्या विकासाकरीता प्रयत्न करावे.

  
02/04/2025

(डॉ. सुहास सुधाकरराव गाजरे)

प्राचार्य,

शासकीय अभियांत्रिकी महाविद्यालय,  
जळगाव.

जोडपत्र : १. सदर मंजूर योजना (RADIANCE)

२. विविध प्रपत्र



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## Government College of Engineering, Jalgaon

### शासकीय अभियांत्रिकी महाविद्यालय, जळगांव

An Autonomous Institute of Government of Maharashtra • महाराष्ट्र शासनाची स्वायत्त संस्था

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## Subject: Research and Development, Innovation, Advancement, Networking, Collaboration, and Excellence (RADIANCE): Research Incentives for Faculty Members.

Ref: (1) Presentation by Dean (R&D) in the meeting with committee Members on 1/10/2024

(2) Presentation by Principal in the meeting with Deans and Head of department on 04/10/2024

(3) Approved in the Meeting of Finance Committee held on 9/10/2024 (Item No 7.1)

(4) Approved in Meeting of BoG held on 8/11/2024.at GCOE, Jalgaon (Item No 5(I))

### 1. R & D Cell Overview:

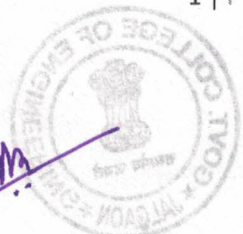
R & D Cell which aims to nurture research culture in the institute by promoting research in the emerging frontier areas of Science, Engineering, and Technology and interdisciplinary research. It encourages the students and faculty to undertake the research in frontier areas including multidisciplinary fields to create budding technocrats by promoting students participating in conferences, seminars, workshops, project competition, and various technical events etc. In order to promote research and development activities, the institute extends its full support to students and faculty. Institute offers full or partial financial support to the faculty members for all innovative research ideas, proposals, trainings, and publications.

The Policy for performance based incentives, financial assistance for career development of the faculty as well as research and development activities of the Institute aims to nurture sustainable academic and research culture in the emerging areas and to develop research-capability of UG, PG, PhD degree candidates and faculty of the Institute.

### 2. Objectives:

GCOEJ's objective is to establish itself as a leader in engineering research in India. To achieve this, a comprehensive research strategy has been put in place relating to:

- (1) Attracting and motivating full-time faculty with the potential to do meaningful research that will be recognized by their peers.
- (2) Providing faculty with the working environment, funding, and other support so they can realize their full potential as researchers in their respective fields.
- (3) Ensuring that the research supported by GCOE Jalgaon is effectively and widely



disseminated.

- (4) Establishing institutional collaborations and joint programs within India and abroad.
- (5) To create research friendly environment in the institute among faculty they are encouraged to undergo training programs like seminars, workshops, and sensitization programs to develop research culture of institute.
- (6) Modernizing the existing laboratories with additional experimental research set ups/instruments and technology for utilizing the labs for research activity.
- (7) To provide the in-house funding for R & D projects mentioning the guidelines and targets to achieve the expected outcome of the projects proposed.
- (8) To undertake research activities via research projects offered by funding agencies like DST, SERB, AICTE, UGC, CSIR, DRDO, ISRO, RCI, etc.
- (9) To establish centers of excellence and innovation labs to promote research activities in frontier areas of science and technology to create research conducive environment.
- (10) To encourage faculty to publish technical papers/research papers in peer reviewed National and International Conferences/Journals.
- (11) To encourage and facilitate financial support to the faculty to apply for the patents for their innovative findings.

To achieve this following scheme like Research and Development promotion Policy (RADIANCE): Research Incentives for Faculty Members for research is devised. These expenditures will be paid through Institute fund.

### **3. Research and Development, Innovation, Advancement, Networking, Collaboration, and Excellence (RADIANCE): Research Incentives for Faculty Members.**

Every regular faculty member is entitled for RADIANCE of Rs. 5.00 Lakh for a block period of the three academic years on the reimbursement basis.

1. Block Period:
  - a) Duration of block period is three financial years.
  - b) Duration of one Financial year shall be considered as one year (1<sup>st</sup> April of current year to 31<sup>st</sup> March of next year) for ex. 01.04.2025 to 31.03.2026.
2. Grant Allocation
  - a) **Rs. 5.00 Lakhs for a block period of three years.**
  - b) If a faculty member joins the institute or retires from the institute service in between a block period, he/she shall be entitled to this allowance on pro-rata basis.

The list of activities and the norms for incurring expenditure under RADIANCE Policy: Research Incentives for Faculty Members are given below:

#### **A. R & D Cell Activities under RADIANCE**

1. Publishing and presenting papers (oral presentation only) in National/International Conferences, attending workshop, STTPs, Seminars, Symposiums, Conventions, Conclaves etc.



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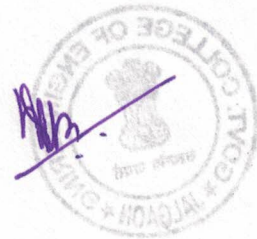
2. Acquiring Patents: Applications for Intellectual Property Rights such as Patents, Copyright etc.
3. Visiting Indian, Foreign University, Institution, Organization, Visiting industrial research centre for the purpose of research interaction, technical discussions, technical exhibitions, for carrying out experimental work / procured services at other institution.
4. Acquiring Membership of Professional Societies, both National and International.
5. Purchase of Books and subscription to Research Journals.
6. Expenses related to course material preparation, teaching aids, book writing.
7. Ph.D. Registration, Progress seminars, and Pre-submission seminars.
8. Tracking of data of research publications, area of research, citations, h-index in refereed journals.
9. Checking Plagiarism of research paper, Ph.D thesis with authentic software.
10. Organizing programs for Research Methodology, IPR, Paper presentation, Guest lecturers etc.
11. Submission of research proposals to the external funding agencies.
12. Dissemination of information about funding agencies to the entire faculty every year.
13. Issuing Standard Operating Procedures (SOPs) for Research, Innovation, Plagiarism, Consultancy etc.
14. Any other item with prior approval from competent authorities.

**B. General Guidelines: Activities will be permitted in accordance with the institute norms as applicable. In addition, the following guidelines are also specified:**

1. Attending National, International Conferences, Workshops, Symposium, STTPs, Seminars, Conventions, Conclaves requires prior approval.
2. Period of visit outside the Institution not to exceed 10 working days in an academic year. This does not apply to visit during vacation. However, the Principal can deny permission in case of emergency.
3. It is mandatory on the part of faculty member to submit a report of activities carried out, and deliver a seminar in the department (wherever applicable) before making claim for reimbursement of expenditure incurred.
4. State Government norms (norms approved by BOG) will be applicable for TA/DA. Expenditure towards TA/DA, registration fee, visa fee etc. for National, International Conferences, workshops, Symposia, STTPs, Seminars, Conventions, Conclaves and Visits for research interaction will be up to a maximum of 50% of the RADIANCE.
5. For the purchase of books not to exceed Rs. 10000/- per academic year. Purchase of books costing more than Rs. 10000/- requires prior approval of the Principal.
6. The reimbursement made in this regard shall be subject to Audit observation if excess or not permissible, will be recovered as a lump sum from the individual concerned.
7. In case, if any faculty leaves (not applicable for retirement/VRS) the institute before three years, the reimbursed amount shall be recovered in lump sum at the time of his/her relieving from the institute.
8. The faculty members who are on deputation, QIP, Sabbatical are NOT entitled for



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claiming reimbursement under the RADIANCE funds during their absence from GCOE, Jalgaon.

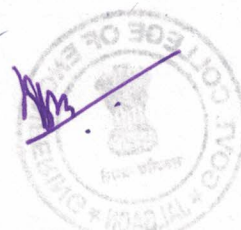
9. Supervisor and Ph.D. scholar must submit at least one research proposal to the external funding agency every year in the name of the Institute as place of research work.
10. HoD shall maintain up-to-date data regarding completed research projects, ongoing research projects funding agencies and other resources such as AICTE, DST, UGC, CSIR, DRDO etc.
11. Institute shall enter into MoU's with research Institutions such as IITs, NITs, ICAR, CSRI, NEERI etc.
12. The Proposal shall be routed through Dean (R&D), HOD and Principal of the Institute.
13. Each HOD must apply to UGC/DST/AICTE etc. for permission to organize indexed conference every year in which faculty/Students wish to publish their research work in reputed journals like SCI, Springer, Elsevier, ASME, I EEE etc.
14. Author must submit plagiarism report to the Head of the Institute duly authenticated before submitting the research paper.
15. The faculty must deliver a presentation to the faculty and final year students of the department.
16. Attendance Sheet, Certificate of participation and summary should be submitted to Dean (R&D) otherwise leave count will not be settled.
17. Advance if granted, should settle within seven days from the date of return otherwise.
18. Faculty should not infringe IPR of any individual or any organization.
19. A Copy of Conference proceedings or any book presented by organizer should be submitted to the departmental library and submission slip should be attached to the bills for claim.
20. Faculty shall avoid simultaneous submission of manuscripts or abstracts at multiple platforms without the approval of the editor.
21. The facility of reimbursement is extended normally to the first author.
22. If claim is submitted by author other than first, NOC from other author is necessary.
23. Claim of reimbursement should be submitted within 2 Week after the Event/Activity.
24. No Advance will be paid to the faculty but the faculty will reimburse approved expenditure within 2 weeks after he/she submits the required bills.

### C. Operating Procedure for RADIANCE

Sr. No	Particulars/ Purpose	Procedure
01	To attend the National Conferences preferably on the average of one per year (Preferably conferences organized by Premier Institute like IITs, IISc, ISCER, NITs etc. and Industrial Research Organization)	For attending national conferences, the interested faculty member should apply on prescribed Proforma (Annexure-I) through HOD to Dean (R&D) at least 10 days in advance along with a copy of the letter of invitation/acceptance, Conference brochure and estimated expenses on account of travel including local travel, registration fee, Boarding and lodging charges. HOD of the concerned department shall maintain such record in respect of each faculty member in appropriate register. The faculty member will also be required to fill a Proforma giving



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		<p>details of his/her participation in any of such events during the current block of RADIANCE. The proposal will be forwarded to Principal through Dean (R&amp;D) If both of them approved it then the faculty will be permitted to the same.</p> <p>The faculty member will be required to claim reimbursement/ settle account prescribed Proforma (Annexure-II) within two weeks after his/her return from such participation failing which his/her claim might lapse.</p>
02	To attend the International Conferences preferably on the average of one per year (Approved list of the conference by the respective department). It is the responsibility of concerned department to prepare above mentioned list and make it available on the institute website; else the proposal received from the faculty member of that department will not be processed further.	<p>For attending International conferences, the interested faculty member should apply on prescribed Proforma (Annexure-III) through HOD to Dean (R&amp;D) at least 10 days in advance along with a copy of the letter of invitation/ acceptance, Conference brochure and estimated expenses on account of travel including local travel, registration fee, Visa fee, Medical Insurance, Boarding and lodging charges. HOD of the concerned department shall maintain such record in respect of each faculty member in appropriate register. The faculty member will also be required to fill a Proforma giving details of his/her participation in any of such events during the current block of RADIANCE. The proposal will be forwarded to Principal through Dean (R&amp;D) If both of them approved it then the faculty will be permitted to the same.</p> <p>The faculty member will be required to claim reimbursement/ settle account prescribed Proforma (Annexure-IV) within two weeks after his/her return from such participation failing which his/her claim might lapse.</p>
03	To take memberships of professional societies.	The interested faculty member can apply on prescribed Proforma (Annexure-V) to Dean (R&D) with payment details/ transaction receipt and claim reimbursement within allocated budget limit under this head. Head of the concerned department shall maintain such record in respect of each faculty member in appropriate register. Dean (R&D) will decide and recommended the case.
04	Contingency expenses to purchase subject related books (Only technical books)	Entry of books purchased should be made in Central library. The faculty member can apply on prescribed Proforma (Annexure-V) to Dean (R&D) with payment details/transaction receipts and claim reimbursement within allocated budget limit under this head. Head of the concerned department shall maintain such record in respect of each faculty member in appropriate register. Dean (R&D) will decide and recommended the case.
05	Purchase of laptop	The purpose of the purchase is to empower faculty with the latest updated technical change in computational facilities. If



	faculties avail the benefit then he/she has to surrender laptop issued on his name from the department/portfolios. The laptop shall be used as a regular teaching and learning tool. The details of laptop purchased shall be entered in a separate maintained register in department. Head of the concerned department shall maintain such record in respect of each faculty member in appropriate register. The faculty member can apply on prescribed Proforma (Annexure-V) to Dean (R&D) with payment details/transaction receipts and claim reimbursement within allocated budget limit under this head.
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#### D. Financial Assistance to Faculty

A maximum of Rs. 5 lakh is sanctioned to the faculty under RADIANCE Scheme for the block period of three consecutive academic years after approval of Finance Committee and then Board of Governance of the institution in the meeting dated 8/11/2024. The activity wise allocation is as follows.

Sr. No.	Particulars	Registration fees and other expenditure	Reimbursement Procedure
<b>Research Publication in Journals/Conferences</b>			
1	<b>Scopus/SCI /WoS Journal Publication</b> etc. but It should be published and indexed in Q1(Quartile 1) type Scopus indexing	---	Seed Money can be allotted as an incentive for the future research activities, if the publication is free of cost in Q1 journals. Prior permission and approval from BoG/HoI.
2	<b>Any Scopus-Indexed Journal/WoS/UGC Care Publication</b> etc. (other than Q1)	---	Seed Money can be allotted as an incentive for the future research activities, if the publication is free of cost in other than Q1 journals. Prior permission and approval from BoG/HoI.
3	<b>Scopus-Indexed/IEEE, ACM etc. National / International Conference (Participation/ Presentation / Publication)</b>	1st Author: 100% registration fee (Max upto Rs. 15,000/- ) +TA/DA as per norms 2 <sup>nd</sup> Author:50% registration fee (Max upto Rs.10,000/-) + TA/DA as per norms	Amount reimbursed upon conference participation / Presentation certificate, travel bills submission, and <b>proof of Scopus indexing</b> . Prior permission and approval from BoG/HoI.



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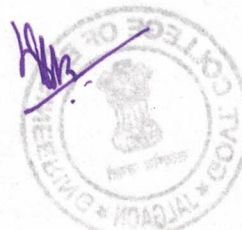
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4	<b>Traveling and accommodation expenses for international conferences at outside of India</b>	1st Author: 100% registration fee (Max upto Rs. 40,000/-) +TA/DA as per norms. The maximum total permissible expenditure shall not exceed Rs. 1,50,000/-	Only first author will be deputed if there is no exigency. Decision, Prior permission and approval from BoG/HoI. Once in a 3 years.
<b>Patent/Copyright/IPR/Research Grant*</b>			
5	<b>Indian Copyright</b>	1st Author: 100% registration fee (Max up to Rs.5000/-) 2nd Author: 50% registration fee (Max up to Rs.2,000/-)	Amount awarded upon receiving copyright certificate proof. (Payment receipt needed). Once in semester and prior permission from HoI.
6	<b>Indian Patent (Any Type)</b>	1st Author: 100% registration fee (Max up to Rs.10,000/-) + Exam fee (if any) 2nd Author: 50% registration fee (Max upto Rs.5,000/-) + Exam fee (if any)	Amount awarded after patent Granted certificate is confirmed and after verification of genuine of work. Once in semester and prior permission from HoI.
7	<b>Other country Copyright/Patent</b>	Based on decision of BoG/HoI	Eligibility: Prior permission and approval from BoG/HoI.
8	Submission of research proposal and financial grant received from the external funding agencies (AICTE, DST, DRDO etc for some project)	---	As per the terms and conditions mentioned in <b>financial grant received from the external funding agency.</b>
9	<b>Grant of seed money for research project/ Academic research (UG/PG) Project</b>	Maximum upto Rs. 50000/-	Based on research proposal/Project, Decision to be taken by BoG/HoI.
<b>Book Chapter/Book Publication details*</b>			
10	<b>Book Chapter in Scopus-Indexed</b>	----	Seed Money can be allotted as an incentive for the future research activities, if the publication is free of cost. Prior permission and approval from BoG/HoI.
11	<b>Book with ISSN Publication</b>		Seed Money can be allotted as an



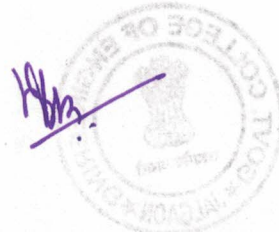
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	(own discipline)	----	incentive for the future research activities, if the publication is free of cost. Prior permission and approval from BoG/HoI.
<b>Attending STTP / FDP / Symposiums / Workshops / Conventions / Conclaves /Training*</b>			
12	Any Event at National institutes such as IITs, NITs, IIMs, IISC Bangalore, ISRO, AICTE, DST, DRDO etc.	100% registration fee (Max up to Rs. 15000 +TA/DA as per norms	Eligibility: Prior permission and approval from BoG/HoI. Once in a A.Y.
13	Ph.D. / Post Doc. Fee,	100% fees of Ph.D. / Post Doc. (Max up to Rs. 50,000/- per research A.Y. But max 3 years only)	Eligibility: Prior NOC from DTE. (Note: Original payment receipt to be enclosed) (full tuition fee or Max up to Rs. 50,000/- for 3 years)
14	Attending STTP / FDP / Symposiums Workshops / Conventions / Conclaves /Training etc.	100% registration fee (Max up to Rs. 15000/-) +TA/DA	Proof of Participation Certificate, Proof of AICTE, FDP, NPTEL, NIT, IIT, IISc etc. workshop fee receipt, TA/DA as per norms. Prior permission and approval from BoG/HoI. (Note: Payment receipt needed)
15	<b>Traveling and accommodation expenses for international STTP / FDP / Symposiums / Workshops / Conventions / Conclaves/Training (at abroad)</b>	1st Author: 100% registration fee (Max upto Rs. 40,000/-) +TA/DA as per norms based on decision of BoG/HoI	Only first author will be deputed if there is no exigency. Decision, Prior permission and approval from BoG/HoI. Once in a 3 years.
16	Attending NPTEL/ Swayam courses/ IIC certificate / Coursera/Edc/IBM/Google/Microsoft/LinkedIn/Other Training courses etc. in online or offline mode	100% registration fee (Max up to Rs. 15000/-) +TA/DA	Proof of Participation Certificate, fee receipt, TA/DA as per norms. Prior permission and approval from BoG/HoI. (Note: Payment receipt needed)
<b>Faculty going for Viva / Guest Lecture/ Visit/ inspection/ audit / NAAC member/NBA member/ LIC Member/ Any (BoG/HoI Approved Committee) or attending Convocation Ceremony at outside*</b>			
17	Attending or going for Viva / Guest Lecture/ Visit/ inspection/ audit / NAAC member/NBA member/ LIC Member/ Any (BoG/HoI Approved Committee)	TA/DA as per norms (if it is not paid by the host Institute)	Prior permission from BoG/HoI, after submission of attendance certificate.



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	or attending <b>Convocation Ceremony (for own or as a chief guest)</b> etc. in India or abroad.		
<b>Professional Memberships*</b>			
18	Professional Membership (related to own field)	100% fee for life time membership ( Max upto Rs.20,000/-)	Prior permission from BoG/HoI. After submission of membership certificate and receipt of payment.
<b>Purchase of Laptop*</b>			
19	Laptop purchase	Maximum permissible expenditure is 75,000/- (inclusive of all taxes and other expenses if any.)	Prior permission from BoG/HoI. After submission of tentative estimate.

**Note: Author/Faculty must be a regular faculty of Government College of Engineering, Jalgaon in any events as stated above.**

### 3. Roles and Responsibilities of R &D Cell

1. Approval for faculty members to attend research related seminars, workshops, conferences, and paper publication.
2. Encourage and motivate faculty for adopting innovative approaches in their field of interest.
3. Implementation of reimbursement policy of the Institute.
4. Provide guidance for submitting proposals to funding agencies as required.
5. Assisting the faculty/students in writing research articles, filing patents as required.
6. Create and maintain a database regarding faculty research expertise and publications.
7. Framing rules for industrial sponsored research and consultancy on case to case basis.
8. Any other R & D related tasks as assigned by Head of Institute.
9. To enhance the Research Ecosystem of the college to preserve the code of ethics of the college while publishing.
10. To pave path for the teachers, students and researchers to collaborate for research.
11. To provide a creative atmosphere, adequate facilities and resources in which research activities thrives amongst faculties and students.
12. To increase the quantity and quality of our research outcomes.
13. To establish links with various R&D organizations and funding agencies.

### 4. Expected Outcomes of R&D Cell

The significant factors indicating potential growth in the research activities includes the enhancement in the research publications in peer reviewed journals, Research Projects/grants, Patents, Collaborations, Doctoral and FDP programs. R & D cell will monitor the following major activities:

1. Enhanced number of research proposals, quality publications and patents.
2. Enhanced interaction with R&D organizations and institutes
3. Improved quality of UG and PG project



4. Enhanced involvement of faculty to solve industrial and societal problems.
5. Enhanced participation of faculty in national and international innovation events.



(Dr. Suhas Sudhakarraj Gajre)

**Principal,**

Government College of Engineering, Jalgaon

