

# NIT Warangal & Alumni Association

## BEST FACULTY AWARDS 2016

NIT Warangal jointly with Alumni Association honors meritorious faculty for extraordinary contributions to teaching, research and to the student experience of life within the Institution. Faculty from across the institution will be considered. All cadres of faculty are eligible, but preference is usually given to those with professorial titles. The candidate faculty should have a long history with the Institute and have made significant contributions. Their contributions at NIT Warangal are mainly considered for these awards. The following categories of awards will be presented on Teachers Day to be celebrated on 7<sup>th</sup> September 2016. Any faculty member is eligible to get either a best faculty award or a best researcher award in a given year.

- ❖ Best Faculty Awards
  - Best Engineering Faculty Award
  - Best Science Faculty Award
- ❖ Best Researcher Awards (Age: above 40 years i.e. born before 01-01-1976)
  - Best Engineering Research Award
  - Best Science Research Award
- ❖ Young Researcher Awards (Age: less than or equal to 40 years i.e. born on or after 01-01-1976)
  - Young Engineering Research Award
  - Young Science Research Award

### 1.0 Best Faculty Awards

#### 1.1 Introduction

The Best Faculty Awards are presented annually to outstanding full-time faculty members in recognition of extraordinary contributions to teaching and to the student experience of life within the Institution. The Best Faculty Awards are to recognize faculty who have contributed significantly to the intellectual life of the Institute through their teaching over a long time. Recipients of the award will have demonstrated their excellence as educators over a sustained period of time. All cadres of faculty are eligible, but preference is usually given to those with professorial titles. The Best Faculty Award highlights NITW's commitment to teaching excellence. Although scholarly distinction is the primary qualification, emphasis is placed on the evidence of quality teaching including the directing of graduate research, and service to the institute and academic community.

#### 1.2 Eligibility

Only full-time faculty members with at least ten years of service at NITW, with age above 40 years (i.e. born before 01-01-1976), who currently hold one of the following titles, Professor, Associate Professor, Assistant Professor, are eligible. Faculty members are eligible to get this award only once in service at NITW.

#### 1.3 Criteria

Faculty contributions in the following aspects during the last 10 years of service will be taken into account for evaluation. Faculty member, who scores at least 60 marks are only considered for these awards.

**A. Teaching (Maximum 40 marks)**

S.No.	Criterion	Max Marks
1	Qualifications i. Ph.D. (3 marks for Ph.D. holder) ii. Post Doctoral Fellowship – abroad a. 6 months to 12 months (1 mark) b. More than 12 months (2 marks)	5
2	Theory Courses Taught (1 mark for every additional course taught over and above 3 courses per year)	6
3	Laboratory Experiments developed / Equipment Procured through institute funds / Laboratory courses taken (1 mark for every experiment developed / every equipment procured / every additional lab course taken over and above 2 lab courses per year)	6
4	Text Books (/e content) / Monograms / Lab manuals/chapters developed (3 marks per textbook / 2 marks per monogram / 1 mark per lab manual or a chapter in a textbook)	5
5	Students Feedback (Marks = Feedback score * 2) (Average Feedback, on a 5 point scale, of all courses taught over last three years is considered)	10
6	HOD (Dean-Faculty Welfare in case of HOD) Evaluation of faculty overall involvement in department activities, on a prescribed format.	5
7	Patents awarded 3 marks per each international patent 1.5 marks per each national patent	3

**B. Research (Maximum 24 marks)**

S.No.	Criterion	Max Marks
1	<b>Externally funded Research Projects Handled in last 10 years as Principal Investigator (PI) / Co-Investigator</b> <b>For Principal Investigators</b> 1 mark per every project worth ≤ Rs 5 lakhs 2 marks per every project worth Rs 5 to 25 lakhs 3 marks per every project worth Rs 25 to 50 lakhs 4 marks per every project worth ≥ Rs 50 lakhs <b>For Co-Investigators:</b> 0.5 mark per every project worth ≤ Rs 5 lakhs 1 mark per every project worth Rs 5 to 25 lakhs 1.5 marks per every project worth Rs 25 to 50 lakhs 2 marks per every project worth ≥ Rs 50 lakhs	8
2	<b>Research Publications in last 10 years</b> 2 marks per paper published in international journals 1 mark per paper published in national journals	8
3	<b>Research Supervision in last 10 years</b> 4.0 marks per every PhD Thesis guided as a supervisor 2.0 marks per every PhD Thesis guided as a co-supervisor 1.0 mark per every PG Dissertation work guided as a supervisor	8

**C. Professional Activities (Maximum 12 marks)**

S.No.	Criterion	Max Marks
1	Organisation of Conferences, seminars, workshops, STTPs, Executive Development Programs, etc (1 mark per program)	4
2	Membership in professional bodies (0.5 mark per each body)	2
3	Participation in STTPs, Workshops, Seminars and Conferences, etc. (0.5 mark per program)	2
4	Representation in Policy Making Bodies/Technical Bodies (0.5 mark per each)	2
5	Member of Academic bodies like BOS, Senate, etc of other institutions (0.5 mark per each)	2

**D. Administrative Responsibilities (Maximum 12 marks)**

S.No.	Criterion	Max Marks
1	Laboratory In-charge (1 mark per year)	2
2	Warden or Deputy chief warden for at least 1 year (1 mark per year)	2
3	HOD / Chief Warden / Dean / Registrar (1 mark per year)	2
4	Associate Dean / Faculty in charge (1 mark per year)	2
5	Division Head / Section Head / Program coordinator (1 mark per year)	2
6	Staff Advisor to student clubs (0.5 mark per year)	2

**E. Industry Sponsored Projects (Consultancy Works) (Maximum 8 marks)**

S.No.	Criterion	Max Marks
1	0.5 mark per every project worth Rs. < 1 lakh 1 mark per every project worth Rs. 1 to 2 lakhs 2 marks per every project worth Rs 2 to 4 lakhs 3 marks per every project worth Rs 4 to 8 lakhs 4 marks per every project worth $\geq$ Rs 8 lakhs	8

**F. Extension Services (Maximum 4 marks)**

S.No.	Criterion	Max Marks
1	Community Services (involvement in skill development programs, finishing schools, NCC, NSS, Red Cross, rural development activities, Start up activities, etc) (0.5 mark per each activity)	4

**1.4 Awards**

Both the recipients i.e. Best Engineering Faculty and Best Science Faculty Awardees will receive a one-time award of INR 50,000/- , Memento and a citation. These awards do not carry with them a release from regular teaching or other activities.

**1.5 Terms and Conditions**

- Interested faculty members can submit their application in prescribed format through proper channel to Dean (International Relations & Alumni Affairs)
- Applicants should have good academic and professional integrity

- c. There should be no disciplinary proceedings and no adverse remark in the ACRs against applicant during the last Ten years.
- d. The faculty should not involve in plagiarism or any other malpractices

## **1.6 Supporting documents to be attached with the application**

- a. Copy of complete bio-data.
- b. List of Research Projects completed.
- c. List of Publications in National & International journals
- d. List of books, monographs, lab manuals and chapters in a textbook published.
- e. List of fellowships / memberships of recognized national / international professional bodies
- f. List of Awards / Distinctions.
- g. List of the students supervised at PG and Ph.D level.
- h. Name & number of courses taught during last 10 years.
- i. Number of lab courses taken during last 10 years
- j. Number of lab experiments developed during last 10 years
- k. Number of equipment acquired during last 10 years
- l. Number of patents awarded
- m. Students feedback for the last 3 years
- n. Any other documents substantiating information provided in the application

## **2.0 Best Researcher Awards**

### **2.1 Introduction**

The Best Researcher Award is presented annually to outstanding full-time faculty members, with doctoral degree, in recognition of extraordinary research contributions in their field of study. The Best Researcher Award is to recognize faculty who have contributed significantly to the advancement of science and technology through their consistent research activities over a long time. All cadres of faculty are eligible. The Best Researcher Award highlights NITW's commitment to innovation and research excellence.

### **2.2 Award Categories and Eligibility**

The following categories of awards are instituted.

#### **2.2.1 Best Engineering Researcher Award** (For senior Faculty Members; Age: above 40 years i.e. born before 01-01-1976)

Faculty member should have a track record of good researcher, with more than 10 years of service, out of which at least 5 years after PhD, in NIT Warangal with age more than 40 years. He/she should be a permanent faculty member of any one of the engineering departments. He/she should have executed at least one externally funded R&D Project and at least one Ph.D. should have been awarded under his/her guidance. Faculty members are eligible to get this award only once in service at NIT Warangal.

#### **2.2.2 Best Science Researcher Award** (For senior Faculty Members; Age: above 40 years i.e. born before 01-01-1976)

Faculty member should have a track record of good researcher, with more than 10 years of service, out of which at least 5 years after PhD, in NIT Warangal with age more than 40 years. He/she should be a permanent faculty member of any science department or humanities department or school of management. He/she should have executed at least one externally funded R&D Project and at least one Ph.D. should

have been awarded under his/her guidance. Faculty members are eligible to get this award only once in service at NIT Warangal.

### 2.3 Criteria for Best Researcher Awards

Faculty member will be evaluated on the following aspects during the last 10 years for these awards. Faculty members, who score at least 60 marks are only considered for these awards.

#### A. Research Publications (Maximum 35 marks)

S.No.	Criterion	Max Marks
1	<b>Publication of technical papers in national and international journals</b> 2 marks per paper published in international journal 1 mark per paper published in national journal	20
2	<b>Presentation and publication of technical papers in national and international seminars, conferences, symposiums, etc.</b> 1 mark per every oral presentation in an international conference/seminar and publication in proceedings 0.5 mark per every oral presentation in a national conference/seminar and publication in proceedings	15

#### B. Research Guidance (Maximum 20 marks)

S.No.	Criterion	Max Marks
1	<b>Research Guidance of PhD Thesis</b> 4.0 marks per every PhD Thesis guided as a supervisor 2.0 marks per every PhD Thesis guided as a co-supervisor	10
2	<b>Research Guidance of PG Dissertations</b> 1 mark per every PG Dissertation work guided as a supervisor 0.5 mark per every PG Dissertation work guided as a co-supervisor	10

#### C. Sponsored projects handled (Maximum 20 marks)

S.No.	Criterion	Max Marks
1	Externally funded R&D Projects Handled: <b>For Principal Investigators:</b> 1 mark per every project worth $\leq$ Rs 5 lakhs 2 marks per every project worth Rs 5 to 25 lakhs 3 marks per every project worth Rs 25 to 50 lakhs 4 marks per every project worth $\geq$ Rs 50 lakhs <b>For Co Investigators:</b> 0.5 mark per every project worth $\leq$ Rs 5 lakhs 1 mark per every project worth Rs 5 to 25 lakhs 1.5 marks per every project worth Rs 25 to 50 lakhs 2 marks per every project worth $\geq$ Rs 50 lakhs	12
2	Industry Sponsored Projects (Consultancy Works) 0.5 mark per every project worth Rs. < 1 lakh 1 mark per every project worth Rs. 1 to 2 lakhs 2 marks per every project worth Rs 2 to 4 lakhs 3 marks per every project worth Rs 4 to 8 lakhs 4 marks per every project worth $\geq$ Rs 8 lakhs	8

**D. Text Books / Chapter in a textbook / Technical Reports / Monographs / published (Maximum 5 marks)**

S.No.	Criterion	Max Marks
1	Text Books / Technical Reports / Monographs developed (3 marks per textbook / 2 marks per technical report or monogram, 1 mark per each chapter written)	5

**E. Other Professional Recognitions & Contributions (Maximum 20 marks)**

S.No.	Criterion	Max Marks
1	Patents awarded 3 marks per each international patent 1.5 marks per each national patent	6
2	Member of editorial board of scientific and technical journals / Reviewer of Technical papers 1 mark per each assignment as member of editorial board, or reviewer of papers of technical journals	4
3	Professional recognitions: Awards / best papers etc. 1 mark per each award / best paper	3
4	Representation in Policy making bodies & Technical committees 1 mark per representation in each policy making body / technical committee	3
5	International collaborations / short research visit to foreign university. 1 mark per each collaboration	2
6	Professional body memberships 0.5 mark per membership in each professional body	2

**2.4 Awards**

Each recipient of Best Researcher Award will receive a one-time award of INR 30,000/- , Memento and a citation.

These awards do not carry with them a release from regular teaching or other activities of the institute.

**2.5 Terms and Conditions**

- a. Interested faculty members can submit their application in prescribed format through proper channel to Dean (International Relations & Alumni Affairs)
- b. Applicants should have good academic and professional integrity
- c. There should be no disciplinary proceedings and no adverse remark in the ACRs against applicant during the last ten years.
- d. The faculty should not involve in plagiarism or any other malpractices

**2.6 Supporting documents to be attached with the nomination proforma**

- a. Copy of complete bio-data.
- b. List of Research Projects completed.
- c. List of Publications in National & International journals
- d. List of papers presented in the National & International Seminars/Conferences and published in proceedings.
- e. List of books, technical reports, monographs and chapters in a textbook published.
- f. List of fellowships / memberships of recognized national / international professional bodies

- g. List of Awards / Distinctions.
- h. List of the students supervised at PG and Ph.D level.
- i. List of collaborations established / research visits at International level
- j. Any other documents substantiating information provided in the application

### 3.0 Young Researcher Awards

#### 3.1 Introduction

The Young Researcher Award is presented annually to outstanding full-time faculty members, with doctoral degree, in recognition of extraordinary research contributions in their field of study at a younger age. The Young Researcher Award is to recognize faculty who have contributed significantly to the advancement of science and technology through their consistent research activities. All cadres of faculty are eligible. The Young Researcher Award highlights NITW's commitment to innovation and research excellence.

#### 3.2 Award Categories and Eligibility

The following categories of awards are instituted.

##### 3.2.1 Young Engineering Researcher Award (Age: less than or equal to 40 years i.e. born on or after 01-01-1976)

A permanent faculty member of any one of the engineering departments with 5 years of experience post PhD at NIT Warangal with age less than or equal to 40 years, having good track record of research contribution is eligible for this award. He/she should have at least one ongoing / executed externally funded R&D Project or at least one Ph.D. should have been awarded under his/her guidance. Faculty members are eligible to get this award only once in service at NITW.

##### 3.2.2 Young Science Researcher Award (Age: less than or equal to 40 years i.e. born on or after 01-01-1976)

A permanent faculty member with 5 years of experience post PhD at NIT Warangal with age less than or equal to 40 years, having good track record of research contribution is eligible for this award. He/she should be a permanent faculty member of any science department or humanities department or school of management. He/she should have at least one ongoing / executed externally funded R&D Project or at least one Ph.D. should have been awarded under his/her guidance. Faculty members are eligible to get this award only once in service at NITW.

#### 3.3 Criteria for Young Researcher Awards

Faculty member will be evaluated on the following aspects during the last 5 years for these awards. Faculty members, who score at least 60 marks are only considered for these awards.

##### A. Research Publications (Maximum 36 marks)

S.No.	Criterion	Max Marks
1	<b>Publication of technical papers in national and international journals</b> 2 marks per paper published in International journals 1 mark per paper published in National journals	20
2	<b>Presentation &amp; publication of technical papers in national and international seminars, conferences, symposiums,</b>	16

	<b>etc.</b> 1 mark per every oral presentation in an international conference/seminar and publication in proceedings 0.5 mark per every oral presentation in a national conference/seminar and publication in proceedings	
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**B. Research Guidance (Maximum 24 marks)**

S.No.	Criterion	Max Marks
1	<b>Research Guidance of PhD Thesis</b> 4 marks per every PhD Thesis guided as a supervisor 2 marks per every PhD Thesis guided as a co-supervisor 1 mark per every ongoing PhD Thesis as a supervisor 0.5 mark per every ongoing PhD Thesis as a co-supervisor	8
2	<b>Research Guidance of PG Dissertations</b> 1 mark per every PG Dissertation work guided as a supervisor 0.5 mark per every PG Dissertation work guided as a co-supervisor	16

**C. Sponsored projects handled (Maximum 16 marks)**

S.No.	Criterion	Max Marks
1	Externally funded R&D Projects Handled <b>For Principal Investigators</b> 2 mark per every project worth $\leq$ Rs 25 lakhs 3 marks per every project worth Rs 25 to 50 lakhs 4 marks per every project worth $\geq$ Rs 50 lakhs <b>For Co Investigators</b> 1 mark per every project worth $\leq$ Rs 25 lakhs 1.5 marks per every project worth Rs 25 to 50 lakhs 2 marks per every project worth $\geq$ Rs 50 lakhs	10
2	Industry Sponsored Projects (Consultancy Works) 0.5 mark per every project worth Rs. < 1 lakh 1 mark per every project worth Rs. 1 to 2 lakhs 2 marks per every project worth Rs 2 to 4 lakhs 3 marks per every project worth Rs 4 to 8 lakhs 4 marks per every project worth $\geq$ Rs 8 lakhs	6

**D. Professional Activities (Maximum 12 marks)**

S.No.	Criterion	Max Marks
1	Organisation of Conferences, seminars, workshops, STTPs, Executive Development Programs, etc (2 marks per each program)	4
2	Participation in STTPs, Workshops, Seminars and Conferences, etc. (1 mark per program)	4
3	Text Books / Technical Reports / Monograms developed (3 marks per textbook / 2 marks per technical report or monogram, 1 mark per each chapter written)	4

**E. Other Professional Recognitions & Contributions (Maximum 12 marks)**

S.No.	Criterion	Max Marks
1	Patents awarded 3 marks per each international patent 1.5 marks per each national patent	3
2	Professional recognitions: Awards / best papers etc.	3



	1 mark per each award / best paper	
3	International collaborations / short research visit to foreign university. 1 mark per each collaboration	2
4	Member of editorial board of scientific and technical journals / Reviewer of Technical papers 1 mark per each assignment as member of editorial board, or reviewer of papers of technical journals	2
5	Professional body memberships 0.5 mark per membership in each professional body	2

### 3.4 Awards

Each recipient of Young Researcher Award will receive a one-time award of INR 20,000/- , Memento and a citation.

These awards do not carry with them a release from regular teaching or other activities of the institute.

### 3.5 Terms and Conditions

- a. Interested faculty members can submit their application in prescribed format through proper channel to Dean (International Relations & Alumni Affairs)
- b. Applicants should have good academic and professional integrity
- c. There should be no disciplinary proceedings and no adverse remark in the ACRs against applicant during the last five years.
- d. The faculty should not involve in plagiarism or any other malpractices

### 3.6 Supporting documents to be attached with the nomination proforma

- a. Copy of complete bio-data.
- b. List of Research Projects completed.
- c. List of Publications in National & International journals
- d. List of papers presented in the National & International Seminars/Conferences and published in proceedings.
- e. List of books, technical reports, monographs and chapters in a textbook published.
- f. List of Conferences, seminars, workshops, STTPs, Executive Development Programs, etc organised and participated
- g. List of fellowships / memberships of recognized national / international professional bodies
- h. List of Awards / Distinctions.
- i. List of the students supervised at PG and Ph.D level.
- j. List of collaborations established at International level / short research visits
- k. Any other documents substantiating information provided in the application

### 4.0 Method of Selection

- The Faculty Award Selection Committee (FASC), as approved by the BOG, NITW, consists of the following members.
 

✓ Director	- Chairman
✓ Nominee of BOG (External)	- Member
✓ An Eminent Scientist (External)	- Member
✓ An Eminent Academician (External)	- Member
✓ An Eminent Industrialist (External)	- Member
✓ President, NITWAA	- Member
✓ Dean (IRAA) / Dean (FW)	- Convenor

- The office of Dean (IRAA) will receive nominations which will be reviewed, validated and short listed by a Screening Committee (SC) chaired by the Dean (IRAA) to be constituted with the approval of the Director.
- The Dean (IRAA) will place the short listed nominations before the Faculty Award Selection Committee (FASC).
- The FASC make every effort to select recipients of the highest calibre, giving equal consideration to all who have achieved excellence.

#### **5.0 Last Date for Submission of Applications**

All the interested faculty members are required to submit their applications in the prescribed format for consideration to the above faculty awards on or before 5.30PM on 29<sup>th</sup> August 2016 to the Dean (IRAA). Filled in application in all respects, with required enclosures should be routed through the respective HOD, with his/her recommendations. These awards will be presented in Teachers Day Celebration function to be held on 7<sup>th</sup> September 2016.

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