



ADITYA ENGINEERING COLLEGE

An Autonomous Institution

Approved by AICTE • Permanently Affiliated to JNTUK • Accredited by NAAC with 'A' Grade

Recognised by UGC under sections 2(f) and 12(B) of UGC Act, 1956

Aditya Nagar, ADB Road, Surampalem - 533437, Near Kakinada, E.G.Dt., Ph:99498 76662

Meeting Minutes of Research Advisory Committee for A.Y.: 2018-19



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MINUTES OF RESEARCH ADVISORY COMMITTEE MEETING HELD

ON 21-06-2018

The meeting of the research advisory committee of Aditya Engineering College (A), Surampalem was held on 21-06-2018 at 2.30 PM in the Conference Hall, Cotton bhavan. Dr. M Sreenivasa Reddy, Chairman presided over the meeting.

AGENDA

1. Review of Research Publication during the academic years 2016-17, & 2017 -18.
2. To invite eminent people in research and organize a meeting with all faculty/ research scholars.
3. To discuss organizing One day Workshops on IPR, Research Methodology and Manuscript writing by various Department
4. Approval of seed money to the faculty members for carrying out research.
5. Any other items with the approval of the Chairman.

DISCUSSION & RESOLUTIONS

Chairman Dr. M. Sreenivasa Reddy welcomed all members.

Agenda 1: Review of Research Publication during the academic years 2016-17, & 2017 - 18.

Discussion: The Chairman presented the details of paper publications by the faculty in the last academic year 2017-18 and compared with previous year numbers. The summary of publication (2017-18) and list of papers published in Impact Factor Journals are given below.

Year	IF Journal s	Scopus Journal	Scopus Indexed Conferences	International Conference	National Conference	UGC Journal	Total
2016-17	9	5	12	28	18	34	106
2017-18	10	13	7	10	10	47	97

Details of Publications (Impact Factor Journal)

1. VenkataKameshVinjamuri, Mallikarjuna Rao Kuchibhotla, BalajiSrinivasa Rao Annambhotla, "Detection of Degenerate structure in Single Degree-Of-Freedom Planetary Gear Trains", Journal of Mechanical Design ASME, Vol. 139(8), pp. 083302-083302-5, August 2017.

(IF – 2.652, H- Index 110)

2. VenkataKameshVinjamuri, Mallikarnuna Rao Kuchibhotla, BalajiSrinivasa Rao Annambhotla, "Topological Synthesis Of Epicyclic Gear Trains Using Vertex Incidence Polynomial", J. Mech. Des. ASME, Vol. 139 (6), pp. 062304 (1-12), June 2017.

(IF – 2.652, H- Index 110)

3. VenkataKameshVinjamuri, K.MallikarjunaRao,A.B.SrinivasaRao, "An Innovative Approach to Detect Isomorphism in Planar and Geared Kinematic Chains Using Graph Theory", Journal of Mechanical Design, (ASME), Volume 139(12), December 2017.

(IF – 2.652, H- Index 110)

4. T.Narendrudu, G.Chinna Ram. N.Veeraiah, C.K.Jayasankar, D.Krishna Rao "Influence of Bi³⁺ Ions on Optical and Luminescence Properties of Multi- component P₂O₅ – PbO –Ga₂O₃—Pr₂O₃ Glass System" Optical Materials Vol 77, Pp 178 – 186, March, 2018.

(IF-2.779, H-Index 92)

5. G. Chinna ram, "Micro Structure and Spectroscopic Investigations of Calcium ZinkBismuth Phosphate Glass Ceramics Doped with Manganese Ions", Indian Journal ofPhysics,Vol. 92(1), May, 2017.

(IF-1.407,H-Index28)

6. T. Narendrudu , G.Chinna Ram, S.Suresh, A.SuneelKumar, M.V.SambasivaRao,Ch.Tiripataiah,D.KrishnaRao"OpticalAbsorptionandLuminescenceProperties of Pn³⁺ ions Doped P₂O₅ -PbO-Bi₂O₃-R₂O₃ Glasses" Journal of Non-CrystallineSolids,Vol. 471, 2017

(IF-2.929,H-Index 135)

7. T.Narendrudu,Ch.Tiripataiah,S.Suresh,P.SrinivasaRao,P.M.VinayaTeja,M.V.SambasivaRao, G.Chinna Ram, D.Krishna Rao "Influence of Valence StateofCopperIonsonStructuralandSpectroscopicPropertiesofMulti-component PbO-Al₂O₃-TeO₂–GeO₂-SiO₂Glass Ceramic System - A Possible Material forMemorySwitchingDevices."JournalofOpticalMaterials,Vol.73,2017

(IF-2.779,H-Index92)

8. T.Narendrudu,S.Suresh, G.Chinnaram, N.Veeraiah, D.Krishnarao " Spectroscopicand Structural Properties of Cr^{3+ions} in Lead Niobium Germanosilicate Glasses"Journalof Luminescence , Vol.183, 2017

(IF– 3.28,H-Index 110)

9. G. Chinna ram, M.V.Sambasivarao ,A.Suneelkumar, Ch.Tiripataiah, D.Krishna Rao "Assessment of Role of Iron Ions on the Physical and Spectroscopic Properties of Multi-component Na₂O-PbO-Bi₂O₃-Si₂O₃ Glass Ceramics" Phase Transitions, Vol. 90, 2017.

- 10 G. Chinna ram, T.Narendrudu, S.Suresh, A.Suneelkumar, M.V.Sambasivarao, V.Ravikumar, D.Krishna Rao "Investigation of Luminescence and Laser Transition of Dy³⁺ ion in P₂O₅ -PbO-Bi₂O₃ -R₂O₃ (R=Al, Ga, In) Glasses" Journal of Optical materials, Vol.66 , 2017

The committee Members have appreciated Mr. T Narendrudu, Mr V V Kamesh and Mr. Chinnaram for publishing good quality papers in IF Journals.

Agenda 2: To invite eminent people in research and organize guest lectures to all faculty/ research scholars.

Discussion: The Committee has advised the Management to arrange for interaction for the Faculty (and Research Scholars) of Aditya Engineering College with Professors from NIT, and IITs by inviting them to our college and by arranging Guest Lectures.

Agenda 3: To discuss organizing One day Workshops on IPR, Research Methodology and Manuscript writing by various Department

As requested by various Departments like Civil, Mechanical, and Agricultural Engineering, the R & D cell has resolved to request the Management to arrange for a one day workshop on IPR, Research Methodology and Manuscript writing. HOD of Civil, Mechanical and Agricultural Engineering was requested to identify the resource person and arrange a One day workshop on Role of IPR, Research Methodology and Manuscript writing based on the availability of the eminent people.

Agenda 4: Approval of seed money to the faculty members

Discussion: Committee Members have approved to grant the seed money to the following faculty.

List of the faculty who have been awarded Seed Money

S. No.	Name of the Teacher provided with Seed money	Name of the Department	The amount of seed money (INR in Lakhs)
1.	Mr. SDVVS B Reddy	ME	11.7

Agenda 5: Any other items with the approval of the Chairman.

Discussion:

Members advised to appoint a patent attorney to support students and faculty for filing patents.

Members also advised to conduct awareness lectures on IPR and Patent filing to all faculty and students.

Members advised that students should write sessional and final examination for IPR and Ethics courses. (Though they are audit courses under JNTUK stream)

The meeting was adjourned by the vote of thanks from the chairman at 4.30 PM



Convener

Dean (R&D)

Aditya Engineering College (W)
Sirampalem