

Completed Registration form along with 1-page write-up (on reasons to attend this course) should be sent by Email to fdp.prod.gndec@gmail.com.

Dr. Rupinder Singh
Course Coordinator

Pf. Manjot Singh Bedi
Course Co-Coordinator
Department of Production Engineering
Guru Nanak Dev Engineering College,
Ludhiana, Punjab, 141006

Please send single email with attachments as:

1-page write-up and scanned copy of the filled-in and signed form. The subject title of the email should be "Waste management by additive manufacturing".

IMPORTANT DATES

Deadline for submitting Application: 15 Nov, 2017
Notification of Acceptance: 30 Nov, 2017
Course Dates: 11-23 Dec, 2017

Incomplete application forms will not be entertained.

VENUE FOR COURSE

Seminar Hall, Central Workshop, GNDEC,
Ludhiana.

DATE & TIME FOR REGISTRATION

December 11, 2017, 9 AM at the venue for the course.

ELIGIBILITY

Faculty members of degree level engineering colleges recognized by AICTE are eligible to attend the course.

COURSE EVALUATION

Successful participants would be awarded 'Course Completion Certificate'.

REGISTRATION

There is no registration fee for the course. All short-listed candidates are required to confirm their participation by sending a Cheque/Demand Draft of Rs. 1000/- in the name of "Principal, GNDEC, Ludhiana".

The above amount will be refunded to the participant if he/she attends the course. In case a participant does not attend the course, the above amount will be forfeited. Shortlisting and confirmation of eligible candidates will be on a first come first served basis up to a maximum of 30 candidates.

TRANSPORT, BOARDING & LODGING

Participants are entitled for II class (Sleeper Class) or AC railway fare to and fro by the shortest route from college to GNDEC, Ludhiana. Accommodation will be provided in the students Hostels or Guest House on sharing basis.

CHIEF PATRON

Principal, GNDEC, Ludhiana

PATRON

Dr. Jasmaninder Singh Grewal (HOD,P.E)

COURSE COORDINATOR

Dr. Rupinder Singh, Prof. P.E

COURSE Co-COORDINATOR

Pf. Manjot Singh Bedi, A.P, P.E

ORGANIZING COMMITTEE

Dr. Harpuneet Singh

Pf. Jagdeep Singh

Pf. Arshpreet Kaur

Pf. Kanwalpreet Sahni

Pf. Gauravdeep Singh

Pf. Parmjit Singh,

Pf. Gulraj Singh

and supporting staff

AICTE sponsored
Faculty Development Programme

Waste Management by Additive Manufacturing

December 11 – 23, 2017



Department of Production Engineering
Guru Nanak Dev Engineering College Ludhiana, Punjab – 141006

e-mail: fdp.prod.gndec@gmail.com
Phone: +91 98722-57575, +91 98035-66002

ABOUT THE INSTITUTE

Guru Nanak Dev Engineering College (An Autonomous College under UGC Act), established in 1956, has been straining persistently in the field of education by comprehending the need for upliftment of rural youth in highly competitive, technologically-elevated society, in particular, and understanding the thirst for knowledge of students and quenching it in general. The College has been declared an Autonomous College by UGC, New Delhi on 17.8.2012. This college has the privilege of starting Ph.D degree under Quality Improvement Programme (QIP) by AICTE, New Delhi. Apart from offering various Accredited graduate level B.Tech courses vis-a-vis Civil Engineering, Computer Science & Engineering, Electrical Engineering, Electronics & Communication Engineering, Mechanical Engineering, Production Engineering, Information Technology, the institute imparts instruction in eleven Postgraduate M.Tech courses both on regular and part time basis. An excellent platform is provided to the researchers leading to Ph.D degree program.

ABOUT THE DEPARTMENT

The first batch of M.Tech. (Production Engineering) started as part-time programme in 1980 followed by M.Tech. (Production Engineering) full-time programme in 1983 under Mechanical Engineering department. The department was renamed as Department of Production Engineering on January, 2009 and is functioning independently. At present it offers undergraduate and postgraduate courses in Production Engineering. The department has laboratory and workshop facilities with modern sophisticated equipment to carry out research in all areas related to Production Engineering. The faculty actively participates in sponsored research and consultancy work. Both the UG/PG courses have been accredited by NBA (Tier-I) and all the courses offered by department are AICTE approved. The department is having very good pass percentage (instipulated time) usually above 95% for UG/PG students. Since 2009, as independent department, Production Engineering is continuously maintaining strong International collaboration with outside world in form of

joint research publications, editorial board memberships of reputed International journals.

OBJECTIVE OF THE COURSE

- Application of additive manufacturing techniques for waste management.
- Hand on experience for preparation of additive manufacturing for management of waste.

COURSE CONTENTS

- E-waste management
- Solid waste management
- Plastic solid waste management
- Unitary, Binary, Tertiary and Quatrini Techniques for Plastic solid waste management
- Functional prototypes using Plastic solid waste
- Additive manufacturing Route for Plastic solid waste management
- Investment casting for Plastic solid waste.

COURSE BENEFICIARIES

Faculty members /Ph.D Research Scholars/
Industry personnel/ Field engineer.

RELATED DISCIPLINES

Production/Manufacturing/Mechanical/ Bio-medical/
Bio-technology/ CSE/IT/Civil/Environment
(Interdisciplinary).

NOTE: For additional copies of theregistration form, use a photocopy of this brochure or type in the format given. For further details:

<http://www.gndec.ac.in>

Form should be complete otherwise the application will be rejected

AICTE sponsored Faculty Development Programme (FDP)

Waste Management by Additive Manufacturing

Registration Form

Name (in block letters) : _____

Designation : _____

Organization : _____

Mailing Address : _____

Age : _____ Sex (M/F): _____

Mobile : _____

Email : _____

Educational Qualifications:

Prior Exposure to such program: Yes / No

Accommodation in Campus: YES / NO

Signature of Applicant:

Sponsorship & Signature of Head of the College / Institute (with date & seal).

(Important: By signing above head of the College/Institute certifies that applicant is a faculty member of degree level engineering college recognized by AICTE)